

**Mandatory Information**

Project Name	Indira Gandhi Super Thermal Power Project Jharli, Jhajjar.
NIT No.	IGSTPP/CS/21-22/CRN-3606
Date of NIT Issue	22/02/2022
Package No.	<b>CRN-3606</b>
Short Description of NIT	"Blade Vibration Monitoring system TG 500 MW" Jharli Jhajjar (HR).
Document Sale start	22/02/2022 (06:50 PM)
Source of NIT	Domestic Competitive Bidding (DCB)
Contract Classification	Service Contract
Bid submission end date	14/03/2022 (03:00 PM)
Bid Opening Date (Technical)	15/03/2022 (03:00 PM)
Package In charge's mail ID	<a href="mailto:ajaypal@ntpc.co.in">ajaypal@ntpc.co.in</a>
Alternative Coordinator's mail ID	<a href="mailto:vijayverma01@ntpc.co.in">vijayverma01@ntpc.co.in</a> , <a href="mailto:prashantgupta@ntpc.co.in">prashantgupta@ntpc.co.in</a>

- Note:** (i) Bid documents shall be downloaded from our e-tendering portal <https://etenders.gov.in/e procure/app>.
- (ii) The tender cost of Rs. 3985.00 & EMD of Rs. 10,00,000.00 shall be paid separately.
- (iii) It is to be noted that the tender cost shall be strictly submitted in the form of DD, in favour of "APCPL", payable at Jharli / Bahadurgarh.
- (iv) EMD amount can be paid in the form of DD or BG.
- (v) The tender cost and EMD shall reach us in original before bid opening.

APCPL invites sealed bids for its INDIRA GANDHI SUPER THERMAL POWER PROJECT (IGSTPP), JHAJJAR from reputed contractors/agencies who fulfill the Qualifying Requirements stipulated below, for the following Package:

**Table - A**

Sl. No.	Description	Package No.	Est. Value (Rs. Lacs)	Cost of Bid Document EMD (in Rupees)	Bid Submission End date/ Bid Opening Date (Technical bid only)	Contract Period
01	"Blade Vibration Monitoring system TG 500 MW" at IGSTTP, Jharli Jhajjar (HR).	CRN-3606	581.33	Rs. 3985/- <hr/> Rs. 10,00,000/-	As per GePNIC Portal	36 months

**NOTE: I. All date/timings for bid documents download/sale start, submission start & end and opening shall be as per Tender Critical Date Sheet on GePNIC Portal.**

**II. Cost of Tender documents shall be in the form DD payable at Jharli / Bahadurgarh, in favour of "APCPL". It is to be noted that the tender cost shall strictly be submitted in the form of DD, in favour of "APCPL", payable at Jharli / Bahadurgarh**

**PART- I: QUALIFYING REQUIREMENT**

**For Technical Criteria,**

The bidder should meet the qualifying requirements of any one of the qualifying routes stipulated under clause 1.1 or 1.2 here-in-after :

**1.0 Technical Criteria**

**1.1** The bidder should have designed, engineered, supplied, installed, commissioned at least one number each online blade vibration integrated system\* at two different installations for health monitoring/ crack detection of free standing blades of low pressure turbine of steam turbine Generator set of 200 MW or above capacity. This integrated system\* should have been in successful operation at each installation for at least 7000 operating hours prior to the date of techno-commercial bid opening. The integrated system\* should have been responsive to operating conditions/ abnormality in blades.

The bidder should offer and supply the integrated system\* of same make and type (Sensor) as above.

**1.2(i)** The bidder should be original equipment manufacturer/ original Equipment supplier of steam turbine of 200 MW or above capacity and should have supplied, installed and commissioned at least one number of on line blade vibration integrated system\* for health monitoring/ crack detection of free standing blades of low pressure turbine of steam turbine generator set of 200MW or above capacity. This integrated system\* should have been in successful operation for at least 7000 operating hours prior to the date of techno commercial bid opening. The integrated system\* should have been responsive to operating conditions/ abnormality in blades.

The bidder should offer and supply the integrated system\* of same make and type (Sensor) as above.

OR

**(ii)** The bidder should be original equipment manufacturer/ original Equipment supplier of steam and gas turbine each of 200 MW or above capacity and should have supplied, installed and commissioned at least one number of on line blade vibration integrated system\* for health

monitoring/ crack detection of free standing blades of compressor/ turbine of gas turbine generator set\*\* of 200MW or above capacity. This integrated system\* should have been in successful operation for at least 7000 operating hours prior to the date of techno commercial bid opening. The integrated system\* should have been responsive to operating conditions/ abnormality in blades. Additionally, the bidder should also have installed and commissioned at least one number of online blade vibration integrated system\* for health monitoring/ crack detection of free standing blades of low pressure turbine of steam turbine Generator set of 200 MW or above capacity. This integrated system\* should have been in responsive to operating conditions / abnormality in blades.

The bidder should offer and supply the integrated system\* of same make and type (Sensor) as above

\* Integrated system means complete system combining both hardware and software and sensors mounted inside turbine casing, directly seeing the blades in non-contact manner.

\*\* In case of combined cycle gas stations, Gas turbine Generator set capacity means capacity exclusively of gas turbine generator set.

## 2.0 Financial Criteria:

- 2.1 The average annual turnover of the bidder in the three preceding financial years, as on the date of technical bid opening shall not be less than Rs. 2.15 Crores.
- 2.2 In case where audited results for the last preceding 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 years shall be considered for evaluating the financial parameters.

### Notes:-

- a) Word executed means the bidder should have achieved the criteria specified in the QR even if the contract has been started earlier and / or is not completed / closed and the same shall be supported by the documentary evidence.
- b) Other income will not be considered in evaluation of turnover.
- c) In case where audited results for the last preceding financial year, is not available, certificate of financial statement from a practicing chartered Accountant shall also be acceptable.

## **PART-II : GENERAL REQUIREMENTS:**

- 1.0 The bidder should have PAN, GST Registration, PF registration number, T&P and equipment Necessary for movement and installation of materials. It may be clearly noted that first payment shall be released only after submission of these documents.
- 2.0 **Bid documents shall be downloaded from our e-tendering portal <https://etenders.gov.in/eprocure/app> . The tender cost of Rs. 3985.00 shall be paid separately along with EMD of Rs. 1,00,000.00. It is to be noted that the tender cost shall be strictly be submitted in the form of DD, in favour of “APCPL”, payable at Jharli / Bahadurgarh. EMD amount of Rs. 10,00,000.00 can be paid in the form of DD or BG. The tender cost and EMD shall reach us in original before bid opening.**
- 3.0 The bids shall be submitted up to 3:00 P.M. on bid submission closing date and tender shall be opened at 3:00 PM on due date of bid-opening. If the date of bid-opening happens to be a closed holiday, bids shall be opened on the next working day.
- 4.0 The bids submitted without tender cost and EMD shall not be considered for opening.
- 5.0 Detailed specifications of jobs including scope of work and all terms and conditions of NIT are given in tender documents.

- 6.0 For fulfilling the Qualifying Requirements, intending bidder shall be required to submit/upload (online) the following documents along with their technical bid.
- EMD in prescribed forms.
  - IT returns filed/Annual Report (Balance Sheet and Profit & Loss Account) of last three financial years/any other documents showing Turnover.
  - Copies of Work Orders/ Award Letters covering awarded value, detailed scope of work/terms & conditions/ bill of Quantities along with proof of execution/completion certificate as per above Qualifying Requirement. The bidder shall provide the reference list with contact address.
  - Firm's documents like Memorandum & Articles of association/ Partnership/ Proprietorship Deed/Certificate of Incorporation etc., with latest changes if any.
  - Income Tax Permanent Account Number (PAN), GST Numbers.
  - PF registration number, T&P and equipment Necessary for movement and installation of materials.

**7.0 TENDER SUBMISSION:**

- 7.1 Bids will be submitted/uploaded in 'THREE' separate covers as below:

**Cover –I (Fee)** shall contain Tender Cost and EMD (Earnest Money Deposit/ Bid Guarantee).

**Cover- II (Technical bid)** shall consist of QR (Qualifying Requirements) documents, Technical offer, If PAN, GST registrations are already available, same may be enclosed along with.

**Cover-III (Price bid)** shall consist of Price Bid.

**Note : All the necessary documents required to meet QR (Qualification requirement), technical documents etc. shall be submitted by the bidders along with the technical bid. Post Technical Bid opening APCPL may not ask for any further documents and Bidders may not be allowed to provide any new document to meet QR. APCPL reserves the right for technical/QR evaluation on the basis of the documents submitted by the Bidders along with technical bid.**

**8.0 TENDER OPENING**

- 8.1 First Part of Opening:

- Cover-I :** (Fee) will be opened at 15.00 hours on the day set for opening of tenders.
- Cover-II :** (PreQual/Technical) shall be opened on same day only of the bidders whose Cover-1 (Fee) is found in order as per relevant provisions of tender documents.

**Note:**

- All the supporting documents should be certified / attested by the bidder.
- In case the bidder fails to submit the documents in support of meeting the qualifying requirements (QR), the offer shall be liable for rejection. Offer of the bidder not fulfilling the QR shall be rejected and their commercial bid shall not be opened.

**8.2 Second Part of Opening:**

**Cover-III :** (Price Bid) shall be opened on a date which shall be intimated separately only to the bidders whose Techno-Commercial Bids are found in order as per relevant provisions of tender documents.

- 9.0 APCPL reserves the right to assess the capability and capacity of the bidders. Intending parties are advised to visit the APCPL/IGSTPP site to familiarize themselves with nature and quantum of work and site conditions.

- 10.0 The bidders meeting the qualifying requirements (Technically qualified) may be considered for registration/ Enlistment for similar requirements in future for a period of three years.
- 11.0 Tender papers are not transferable.
- 12.0 The work executed means that the bidder should have achieved the progress specified in the Q.R. even if the total contract is not completed / closed. The same shall be supported by documentary evidence issued by the owner.
- 13.0 The bidder should either be a company Registered under the Companies Act 2013 (or any previous company law) or a partnership / proprietorship firm.
- 14.0 If the bid guarantee is in the form of Bank guarantee (BG), the bank should be from the list of banks whose bank guarantee is acceptable to APCPL and should be checked WHETHER THE STAMP PAPER FOR THE BANK GUARANTEE IS PURCHASED IN THE NAME OF THE BID GUARANTEE ISSUING BANK AND THE BANK GUARANTEE SHOULD BE SUBMITTED IN SPECIFIED FORMAT ONLY ALONG WITH BANK GUARANTEE VERIFICATION CHECK LIST. The Bank Guarantee verification check list should have been filled, signed and stamped by the bidder. The format of Bank Guarantee & Bank Guarantee verification check list is available with tender documents.
- 15.0 APCPL reserves the right to extend the date for submission & opening of bids without assigning any reason thereof at its sole discretion.
- 16.0 Notwithstanding anything stated above, the owner reserves the right to assess the bidder's capability and capacity to perform the contract, should the circumstances warrant such assessment in the overall interest of APCPL Ltd and decision of APCPL in this regard shall be final.
- 17.0 APCPL reserves the right to accept or reject any or all tenders without assigning any reasons thereof. In such Circumstances, EMD only (if applicable) shall be returned without any additional financial liability to APCPL If the last date of receiving application and date of bid opening coincides with a holiday, the date will be shifted to the next working day.
- 18.0 Micro/ Small Scale Industries registered with NSIC/SSIDC (Registered in Haryana) / MSE shall be exempted from payment of cost of tender documents and Earnest Money Deposit (EMD) subject to submission of copy of valid registration giving details.

**Note: Tender documents are only available on our e-tendering website <https://etenders.gov.in/eprocure/app> . Bidders can download the same from the same site. For participating in the tendering agency shall register first on the e-tendering portal and should have a valid DSC (Digital signature) of class-III. The detail process of participating in tendering has been available on the <https://etenders.gov.in/eprocure/app> site or you may contact at [ajaypal@ntpc.co.in](mailto:ajaypal@ntpc.co.in), Phone no.- 01251-266298**

19.0 **Address for Correspondence:**

AGM (C&M)  
INDIRA GANDHI SUPER THERMAL POWER PROJECT  
ARAVALI POWER COMPANY PRIVATE LIMITED  
P.O. - Jharli, Dist. - Jhajjar  
HARYANA 124141  
PHONE NO: 01251-266298/266336/266334/266225  
FAX NO: 01251-266202/266266  
Email: [ajaypal@ntpc.co.in](mailto:ajaypal@ntpc.co.in), [vijayverma01@ntpc.co.in](mailto:vijayverma01@ntpc.co.in), [prashantgupta@ntpc.co.in](mailto:prashantgupta@ntpc.co.in),  
[sktiwari02@ntpc.co.in](mailto:sktiwari02@ntpc.co.in)

Ref: IGSTPP/CS/21-22/CRN-3606

Date: 22/02/2022

## NOTICE INVITING TENDER

**SUBJECT: “Blade Vibration Monitoring System TG 500 MW” at IGSTPP, Jharli- Jhajjar (HR).**

Dear Sir/Madam,

Please find enclosed herewith one set of bidding document for subject package.

Sl. No.	Description of documents
1.	Notice Inviting Tender (NIT) No. IGSTPP/CS/21-22/CRN-3606
2.	Instruction to Bidders (ITB)
3.	Provisions & Declaration regarding Local Content & GFR provisions
4.	QR evaluation checklist (To be filled by vendor)
5.	Schedule of Items /Bill of Quantity (BOQ)
6.	Brief Description of the plant, Scope of Work, Special terms & conditions of Contract, Abbreviation used, Job Hazard Analysis, Safety Clauses for Operation & Maintenance Contracts, List of Minimum Safety Items
7.	General Conditions of Contract for O&M works & Amendment to GCC
8.	Fraud Prevention Policy
9.	Policy & Procedure for Withholding and Banning of Business Dealings
10.	Standard Formats and Checklists

**Online bids are invited on single stage three envelop system for “Blade Vibration Monitoring System TG 500 MW” at IGSTPP- Jharli, Jhajjar. It is to be noted that manual bids shall not be accepted for this work.**

**Document Download: Tender documents may be downloaded from site <https://etenders.gov.in/e procure/app> hereinafter also referred as GePNIC Portal.**

### CRITICAL DATE SHEET

Published Date	22/02/2022 (06:50 PM)
Bid Document Download / Sale Start Date	22/02/2022 (06:50 PM)
Bid Submission Start Date	22/02/2022 (06:50 PM)
Bid Submission End Date	14/03/2022 (03:00 PM)
Bid Opening Date	15/03/2022 (03:00 PM)

### 3. Bid Submission:

**Bidders are advised to visit website regularly to keep themselves updated as any change/ modification in the tender will be intimated through this website only.**

**Bids shall be submitted online only at website: <https://etenders.gov.in/e procure/app>.**

**Tenderer/Contractor are advised to follow the instructions “Instructions To Bidder for Online Bid Submission” provided for online submission of bids.**

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4. Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have

business relationship with one another (i.e when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

5. Intending tenderers are **advised to visit again website** <https://etenders.gov.in/eprocure/app> **regularly till closing date of submission** of tender for any corrigendum / addendum/ amendment.

6. Applicant contractor must provide requisite **Tender Cost/Fee of Rs 3985/- (Rupees Three Thousand Nine Hundred Eighty-Five Only)** in a sealed envelope superscripting the NIT/Tender No & Date, Bid Opening Date (BOD) and Name of Work. In absence of Tender Cost, your offer shall not be considered for opening. Cost of Tender documents shall be in the form DD payable at Jharli / Bahadurgarh, in favour of "APCPL". It is to be noted that the tender cost shall strictly be submitted in the form of DD, in favour of "APCPL", payable at Jharli / Bahadurgarh

7. Applicant contractor must provide a requisite **EMD of Rs. 10,00,000/- (Rupees Ten Lakh Only)**, in any of the form and manner prescribed at clause 6 of Instruction to Bidders in a sealed envelope superscripting the NIT/Tender No & Date, Bid Opening Date (BOD) and Name of Work. In absence of acceptable EMD/Bid Security as per clause 6 of ITB, your offer may not be considered for opening.

8. MSE benefits shall be applicable as per clause 4 of ITB.

#### 9. **Submission of Tender**

##### **A. OFFLINE**

Unless otherwise specified in the tender documents, following documents shall be submitted in physical form as prescribed under clause 6 of ITB/NIT/Tender Documents in a sealed single envelope marked as (EMD/Bid Security/Tender Fee) superscripting the NIT/Tender No & Date, Bid Opening Date (BOD) and Name of Work.

- 1) Tender Fee/Cost
- 2) EMD/Bid Security as per clause 6 of ITB

#### **The sealed envelope shall be addressed to Employer at the Address mentioned below:**

AGM (C&M), IGSTPP-APCPL  
P.O.- Power Plant Jharli, Jhajjar, Haryana-124141  
Ph. no.: 01251-266298/336/334/225

These documents (as applicable) will be checked along with documents uploaded under Cover-1 (Fee) of online bid as per relevant provisions of tender documents on the date/time as mentioned in the **Tender Critical Date Sheet** and Technical bid of only those bidders whose Cover-1 (Fee) is found in order shall be considered for opening.

- **Bidders to ensure that above should reach the addressee (employer) before the last date and time of submission of bid as specified in NIT/Tender.**
- **If the envelope is not sealed and marked as above, the Employer will assume no responsibility for its misplacement.**

##### **B. ONLINE**

**The tender shall be submitted online in three parts, viz., Fee, Technical Bid and Price Bid.**

All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

The offers submitted by Telegram/Fax/email shall not be considered. No correspondence will be entertained in this matter.

**i) Cover-1 (Fee)**

- (a) Scanned copy of Tender Fee/ Eligible MSE bidders should upload document as per clause 4 of ITB
- (b) Scanned copy of EMD as per clause 6 of ITB/ Eligible MSE bidders should upload document as per clause 4 of ITB
- (c) EMD Bid Submission Form
- (d) Scanned copy of Authority/Power of Attorney to sign the bid

**ii) Cover-2 (PreQual/Technical)**

**Technical Bid**

Scanned copies of following documents are to be uploaded by the Bidder under **Technical Bid** as per the tender document:

- (a) All the necessary documents to meet QR as per clause 6 of detailed NIT, QR Checklist
- (b) Signed and scanned copies of Certificates like Registration certificate (as applicable), PAN No, GST Registration Certificate etc
- (c) EFT Form
- (d) Registration Details
- (e) Any other document asked for in the Bidding Documents.

**Technical Bid should not contain any price content entry. In case, the Techno-Commercial Bid is found to contain any price content, such bid shall be liable for rejection.**

**iii) Cover-3 (Finance)**

**PRICE BID**

- (a) Schedule of price bid in the form of BOQ sheet.

Please Note:

- (i) Bidder to quote their rate in BOQ sheet only. Price evaluation will be done based on quoted rates in this sheet only.
- (ii) Rate/ Amount written anywhere else in Bid Documents shall not be considered and will be treated as Null and Void.

**10.0 TENDER OPENING:** Bids shall be opened as per date/time mentioned in the **Tender Critical Date Sheet on GePNIC portal.**

**10.1 First Part of Opening:**

- A) Cover-I (Fee) will be opened at 15.00 hours on the day set for opening of tenders.
- B) Cover-II (PreQual/Technical) shall be opened on same day only of the bidders whose Cover-1 (Fee) is found in order as per relevant provisions of tender documents.

**10.2 Second Part of Opening:**

- C) Cover-III (Price Bid) shall be opened on a date which shall be intimated separately only to the bidders whose Techno-Commercial Bids are found in order as per relevant provisions of tender documents.

Thanking you,

Yours faithfully,  
For & on Behalf of APCPL

(Ajay Pal)  
Sr. Manager (C&M)  
Tel No.- 01251-266298  
Email ID: [ajaypal@ntpc.co.in](mailto:ajaypal@ntpc.co.in)  
[vijayverma01@ntpc.co.in](mailto:vijayverma01@ntpc.co.in)