



**NTPC LIMITED**  
**(A GOVERNMENT OF INDIA ENTERPRISE)**  
*Central Procurement Group-I, Raipur*

**INVITATION FOR BIDS (IFB)**  
**(DOMESTIC COMPETITIVE BIDDING)**

**Procurement of vane wheel and other coal mill spares for**  
**STG-2 and STG-3 coal mills of NTPC Korba.**

**GEPNIC Bid ref: NIT NO / 9900237721**

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**

Procurement of vane wheel and other coal mill spares for STG-2 and STG-3 coal mills of NTPC Korba As specified and covered under the specifications.

3.0 Name of station/Project : NTPC Korba

4.0 Completion period: 04 Months

5.0 Tender Fee : Rs 2655/-

6.0 EMD: Rs 2.0 Lakhs (RS TWO LAKH )

**7.0 Qualifying requirement :**

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

**1.1 Technical Criteria:**

**1.1.1** The bidder should be a manufacturer ‘Coal Mill Spares’ and should have supplied against at least one (01) order for ‘Coal Mill Spares’ to any thermal Power Plant of Unit capacity 200 MW or above.

**1.1.2** The bidder should have supplied Mechanical Spares to any Thermal Power Plant within preceding seven (07) years prior to the date of Techno-Commercial bid opening, in any of the following manner:

**A.** One (1) order having executed value not less than **Rs.94.0 Lakh**

**OR**

**B.** Two (2) orders having executed value not less than **Rs.59.0 Lakh** each

**OR**

**C.** Three (3) orders having executed value not less than **Rs.47.0 Lakh** each

**Notes for Technical Criteria:**

1. The word “Executed” mentioned 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.

2. 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.
3. 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.
4. For arriving at the executed value of work specified above, basic amount only shall be considered. In case contract is inclusive of taxes, bidder should provide the break –up of basic value and taxes.

## 1.2 Financial Criteria:

**1.2.1** The Average Annual Turnover of the Bidder, should not be less than **Rs.118.0 Lakh (Rupees One hundred eighteen lakh only)** during the preceding three (3) completed financial years as on the date of Techno-Commercial bid opening.

**1.2.2** In case the bidder does not satisfy the financial criteria, stipulated at Cl. 1.2.1 above on its own, its Holding Company would be required to meet the stipulated turnover requirements at Cl. 1.2.1 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.

**1.2.3** 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.

1. Copies of the unaudited unconsolidated financial statements of the bidder along with copies of the Audited consolidated financial statements of its Holding Company.
2. 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.

**1.2.4** In cases 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 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 1.2:

1. Other income shall not be considered for arriving at annual turnover.
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 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.
- 9.0 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.

**DOCUMENTS TO BE SUBMITTED BY THE BIDDER WITH THE TECHNICAL BID:**

1. Legible copies of the following documents duly authenticated by the authorized representative of the bidder shall be submitted in support of the qualifying requirements along with technical bid:
  - a. Relevant Order copies along with Proof of Execution (copy of Invoice, Shipping Documents, Certified copy of Bank Statement of payment etc)
  - b. Soft copy of Micro & Small Enterprise (MSE) certificate (**Udyam Registration Certificate only is applicable**). As per MSME Notification S.O. 2347 (E) dated 26th June 2021, from 1st January 2022, Udyam registration shall be the ONLY valid MSME Registration Document. Except Udyam Registration Certificate no other registration documents will be considered for MSEs exemption & benefits for bids which will be under evaluation stage on 1st January 2022 onwards.
  - c. Copy of Profit & Loss Account & Balance Sheet for the preceding three (03) completed financial years as on date of bid opening.
  - d. MLC Declaration
  - e. Copy of Power of Attorney of Authorized Signatory (if applicable).
  - f. Other documents in support of QR .
  - g. Copy of Deed of Joint undertaking, if applicable.
  - h. Copy of Signed Integrity pact. If applicable.

**NOTE:**

1. NTPC if so desire may verify the performance of the bidder from their respective clients.

2. **COMPLIANCE ON QUALIFYING REQUIREMENTS :The Bidder's attention is also drawn that only the reference Works/ Orders whose details have been declared in relevant Attachment in their Bid, shall be considered to ascertain the bidder's compliance to the specified Qualifying Requirements (QR).**



**Address for communication:**

**GM(C&M)/AGM(C&M)-CPG-I**

NTPC Limited, Central Procurement Group-I,  
NTPC WR-II office, Sector-24, Tuta,  
Naya Raipur, Chattisgarh - 492101 (India)  
Email: [amitksingh@ntpc.co.in](mailto:amitksingh@ntpc.co.in) / [dppradhan@ntpc.co.in](mailto:dppradhan@ntpc.co.in)

**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](http://www.ntpc.co.in)



**Proforma of Certificate from the CEO/CFO of the company in accordance with Financial requirement criteria in cases where audited results for the last financial year as on the date of Techno-commercial bid opening are not available**

(To be submitted by Bidder along with the Techno-commercial Bid with QR Documents)

Ref:

Date:

To

Dear Sir,

1.0 I, Mr./Ms. .... (\*CEO of the Company/\*CFO of the Company), confirm and undertake 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.

2.0 Accordingly, the company is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters for the last financial year and the audited results of the three consecutive financial years preceding the last financial year have been considered for meeting the financial parameters in the bid submitted by M/s .....(Name of the Bidder) for the ..... (Name of the package) under NIT reference No. .... Dated .....

Yours

faithfully, Signature

Name &  
Designation.....

Name of the  
Company.....

(Seal of  
Company).....

Note : \*Strike off whichever is not applicable.

**NTPC Limited**  
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**Tender Enquiry No.** 9900237721

**Bill of Materials**

**Delivery Address:**

Korba Super Thermal Power Proj  
P.O. VIKASH BHAWAN  
KORBA  
Chhattisgarh  
495450  
India  
Tel : 07759-237111 Fax: 07759-237199

Item	Material Code	Description	UoM*	Total Quantity	Delivery Date
00010	M4761056224	AIR PORT RING ASSY.FOR XRP 1003 MILL	SET	32.000	31.10.2022
00020	M4761010369	WEAR PLATE ,FOR XRP 1003 MILL OF 500 MW	NO	100.000	31.10.2022
00030	M4761050298	GUARD SBO MO2 S M A3K 493 0	NO	100.000	31.10.2022
00040	M4761300040	BUSH & STUD ASY OF MANNUAL GATE ,MRS	NO	100.000	31.10.2022
00050	M4761300021	VLV PLATE, 8" KNIFE GATE VLV 500 MW MR	NO	100.000	31.10.2022
00060	M4748040047	SHAFT SLEEVE; H A D KS/TC/SG/02/50/173	NO	200.000	31.10.2022
00070	M4745010095	SPLITTER PLAT DRG NO. KS-TC-SG-20-134	NO	300.000	31.10.2022
00080	M4745016031	SPLITER PLATE FOR COAL NOZZLE TIP,ST-I	NO	150.000	31.10.2022
00090	M4761060163	FEEDER TO MILL INLET PIPE	NO	6.000	31.10.2022

( UOM Legends :- SET - SET , NO - Number )

**Tender Enquiry No.** 9900237721

**TECHNICAL DATA SHEET**

**00010 - M4761056224**

**Specification**

AIR PORT RING ASSY. FOR XRP 1003 MILL OF 500 MW BOILER

This item contains two parts.

1.AIR INLET VANE WHEEL SEGMENT AS PER DRG NO. KS-TC-SG-02-50-177 (SHEET 2). 6 SEGMENTS WILL MAKE ONE SET.

2.AIR PORT RING GAURD AS PER DRG NO. KS-TC-SG-02-50-177 (SHEET 1). 6 SEGMENT WILL MAKE ONE SET

TOTAL 1 SET WILL HAVE 12 PIECES (6 OF VANE WHEEL AND 6 OF AIR PORT)

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.

VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.

VENDOR HAS TO SUBMIT INTERCHANGEABILITY CERTIFICATE.

VENDOR HAS TO QUOTE PRICE ONE SET CONSISTING OF 12 PIECES.

(MATERIAL # SAILHARD / TISCRAI STEEL.

Vendor has to send one set for fitment checking. Only after getting clearance from site vendor should bulk supply.

**00020 - M4761010369**

**Specification**

MILL BODY LINER WITH WEAR RESISTANT LAYER FOR BOWL MILL XRP-1003:

AS PER ATTACHED QP OF NTPC

DIMENSIONS:

RADIUS: 1650

LENGTH: 900mm,

WIDTH: 750mm.

MS BASE PLATE: 10 MM THICK (MATERIAL : MS AS PER IS 2062 Gr-E250 BR)

HARD FACED WELD DEPOSIT ON INNER SIDE:

THICKNESS: 6 MM

HARDNESS: 55 - 60 HRC

WELD DEPOSIT:CHROMIUM CARBIDES

WIDTH OF WELD BEAD:30 MM +/- 1 MM

BEAD OVERLAP: 5 TO 6 MM

WELD BEAD PROFILE SHOULD BE IN UNIFORM WAVE FORM.

Note: Manual welding of wear resistant layer is not accepted

for wear resistant spares.

PDI Shall be carried out

AS PER NTPC QP

Abrasion test to be carried out as per ASTM G65-16 in practice A only.

Acceptable Volume loss in abrasion test (in Practice A) is: less than 21

Acceptable mass loss in abrasion test (in Practice A) is: less than 160

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.

VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.

**00030 - M4761050298**

**Specification**

GUARD FOR JOURNAL UPPER BRG.HOUSING ASSLY DRG NO.SBO-MO2-S-M-A3K-493-0 OF BOILER 500 MW : SYSTEM - COAL MILLS : SUB SYSTEM - JOU RNAL

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.

VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.

VENDOR HAS TO SUBMIT INTERCHANGEABILITY CERTIFICATE.

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**00040 - M4761300040****Specification**

BUSH AND STUD ASSY. OF MANUAL GATE, MRS FOR MILL REJECT SYSTEM OF COAL MILLS ST-II(3X500MW)MRS AS PER NTPC KSTPS DRAWING NO.KS/TC/SG/02/50/199.

MATERIAL FOR STUD-EN8

MATERIAL FOR BUSH-EN8.

BUSH SHOULD HAVE FREE MOVEMENT WHILE TIGHTENING ON STUD TO ITS FULL LENGTH.

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.

VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.

VENDOR HAS TO SUBMIT INTERCHANGEABILITY CERTIFICATE.

**00050 - M4761300021****Specification**

VALVE PLATE FOR 200 NB KNIFE EDGE GATE VALVE AS PER DRAWING NO SBO-MO2-S-M-A3K-310-0

MATERIAL SS :410

MATERIAL WILL BE TESTED AT NTPC STORE WITH MATAL ANALYSER

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.

VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.

VENDOR HAS TO SUBMIT INTERCHANGEABILITY CERTIFICATE.

**00060 - M4748040047****Specification**

SHAFT SLEEVE FOR HOT AIR DAMPER SHAFT OF 500 MW AS PER NTPC DRAWING NO.KS/TC/SG/02/50/170

MATERIAL SS 304

MATERIAL WILL BE TESTED AT NTPC STORE WITH METAL ANALYSER

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.

VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.

VENDOR HAS TO SUBMIT INTERCHANGEABILITY CERTIFICATE.

**00070 - M4745010095****Specification**

SPLITTER PLAT AS PER DRG NO. KS-TC-SG-20-134 FOR ST-2 , 500 MW COAL NOZZLE TIP OF BOILER 500 MW : COAL BURNERS FIRING SYSTEM : - SUB SYSTEM - COAL B |

-----AS PER NTPC

DRAWING NO KS-TC-SG-20-134 SPLITTER PLATE ITEM NO 2 FOR 500 MW COAL NOZZLE TIP MATERIAL AISI -304 PLATE SHOULD BE PERFECTLY FLAT WITHOUT ANY BENDING. ALL EDGES WITHOUT ANY SHARP CUT.

MATERIAL WILL BE TESTED AT NTPC STORE WITH A METAL ANALYSER

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.

VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.

VENDOR HAS TO SUBMIT INTERCHANGEABILITY CERTIFICATE.

**00080 - M4745016031****Specification**

AS PER NTPC DRAWING NO KS-TC-SG-20-134 SPLITTER PLATE ITEM NO 1 FOR 200 MW COAL NOZZLE TIP MATERIAL AISI -304 PLATE SHOULD BE PERFECTLY FLAT WITHOUT ANY BENDING. ALL EDGES



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WITHOUT ANY SHARP CUT.

MATERIAL WILL BE TESTED AT NTPC STORE WITH A METAL ANALYSER

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.  
VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.  
VENDOR HAS TO SUBMIT INTERCHANGEABILITY CERTIFICATE.

**00090 - M4761060163****Specification**

FEEDER TO MILL INLET PIPE OF BOILER 500 MW : SYSTEM - COAL MILLS : SUB SYSTEM - MILL DISCHARGE ASSEMBLY MATERIAL : SS304 (AISI304) PHYSICAL PROPERTIES: ABRASIVE WEAR RESISTANCE, EROSION RESISTANCE TYPE: FABRICATED SIZE: 610MMØD 10THK, 6870 MM LENGTH. ALLOWABLE TOLERANCES ARE AS PER IS 2102/1969 JOINT: LONGITUDINAL JOINT01 (MAX) CIRCUMFERENTIAL JOINT 05 (MAX)

MATERIAL WILL BE CHECKED WITH METAL ANALYSER AT NTPC STORE

VENDOR HAS TO SUBMIT GUARANTEE/WARRANTEE CERTIFICATE.  
VENDOR HAS TO SUBMIT TEST CERTIFICATE FROM NABL APPROVED LAB.  
VENDOR HAS TO SUBMIT INTERCHANGEABILITY CERTIFICATE.

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**VENDORS LIST**

S.No.	Collective No. / RFQ No.	Vendor Details
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**List of Documents**  
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Please note that below documents are needed to be provided along with Invoice.

<b>S.No.</b>	<b>Document Description</b>
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