# NTPC LIMITED

(A Government of India Enterprise)



## **CENTRAL PROCUREMENT GROUP - 01**

(CONTRACTS AND MATERIALS DEPARTMENT)

## **CONTRACTS SECTION**

### SECTION - I

INVITATION FOR BIDS (IFB)/NOTICE INVITING TENDER (NIT)

### **INVITATION FOR BIDS (IFB)**

A. NTPC Limited, Central Procurement Group – 01, Raipur- 492018 invites bids Single Stage Two Envelope bidding on Domestic Competitive bidding basis (Envelope-I: Techno-Commercial Bid & Envelope-II: Price Bid) from eligible bidders for the contract with following details:

S.No	Particulars	Details
1.	Name of the Package	CONDUCTING RLA OF CRITICAL PIPINGS, HANGERS AND SUPPORTS IN UNIT#3 (BHEL 200MW) OF NTPC KORBA DURING 2022-23 BOILER OH.
2.	Project Manager/ Engineer In charge	HOD(MM)- NTPC KORBA
3.	Location of Contract & Address	KORBA STPP , District: Korba , State: Chhattisgarh
4.	Qualifying Requirements	As mentioned in Annexure-1 of IFB
5.	QR Evaluation	Refer ITB and SCC relevant clauses
6.	Bid submission end date/Bid opening Date/Last date for Clarifications	As per the dates mentioned in Tender Details of eProcurement Portal.
7.	Scope of Work	May please refer Section V of bidding documents.
8.	Completion Period/ Duration of Contract	Contract Service Period shall be <b>12 Months</b> from the date of start of work.
9.	Defect Liability Period / Warranty Period	Please refer Section- V : Technical specification document
10.	Price Bid	The Bidder shall quote Rate along with applicable GST for each item in the relevant field of BOQ sheet (Price Bid). The BOQ (Excel Sheet) template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns.  If agency does not mention any GST rate, it will be treated that GST is inclusive in the quoted Basic Rate. Evaluation shall be done on the total bid price inclusive of GST by considering the GST rates quoted by the bidder in the Price Bid. In case the bidder is exempted from GST, bidder has to produce valid Exemption Document. If not produced, it will be treated that GST is inclusive in the quoted Basic Rate. The bidders shall quote for all items in the BOQ, If any of the items are not quoted, it shall be considered that rate of that particular item/s which is not quoted is included in the rates of other items and the bidder shall supply item/ spares/ execute the work/ conduct the test as the case may be.  Note: Please refer SCC for The minimum Percentage of Amount Linked to Safety Aspects
11.	Required Documents	Along with other documents indicated in tender, following documents shall be digitally signed and Uploaded in the prescribed cover during submission of bid.

nder Fee & EMD	EMD Amount (Rs): NIL Tender Fee Amount (Rs): 2,655/- (Rupees Two Thousand Six Hundred Fifty-Five Only)			
	Tender Fee amount shall be paid online through tendering portal.			
	<ul> <li>Bidders shall accept GTE for Bid Security Declaration on the tendering Portal.</li> <li>Acceptance of above GTE on the Tendering Portal is considered as Bidders' confirmation to the following conditions:</li> <li>1. In case bidder withdraw their offer within the validity period of the offer provided in the bidding documents or any extension thereof, then they shall be treated as ineligible for participation in the future tenders issued from NTPC for a period of 06 months from the date of withdrawal of the bid.</li> <li>2. In addition to that in case after having been issued the Notification of Award/Purchase Order of a package, if the bidder either do not accept the Notification of Award/Purchase Order or do not sign the Contract or do not submit an acceptable Performance Security as per bidding documents provision, and which result in tender being annulled then they shall be treated ineligible for participation in retendering of this particular package and contractual action may be taken against them as per the provisions of the Bidding documents. Further, NTPC shall also be free to take further actions as per the provisions of the policy for Withholding and Banning of Business Dealings</li> </ul>			
	Any bid not accompanied by an acceptable Tender Fee (Online Tender Fee/Valid MSE document) in accordance with the provisions of bidding documents shall be considered by the Employer as being non-responsive and their bid shall not be opened.			
chase Preference to	Not Applicable  To avail MSE benefits for Tender Fee and purchase preference, bidders are required to submit any one of the following:  1.Udyam Registration Certificate  OR  2. Certification of MSE from any other body as Ministry of MSME.			
	E Benefits and rchase Preference to Es			

14.	Price Basis	Firm price basis (Unless otherwise specified in Section- V of tender documents)				
15.	Security Deposit	As per GCC & SCC Clause No.26 Unless otherwise specified in Section V of bidding documents				
16.	Payment Terms	As per GCC Unless otherwise specified in Section V of bidding documents				
17.	Liquidated Damages for Delay	As per GCC Unless otherwise specified in Section V of bidding documents				
18.	PDI (Pre- Dispatch Inspection)	Applicable				
19.	Subcontractors proposed by the bidder	As per QR				
20.	Whether Joint Venture/Consortium Permitted?	No				
21.	Contract Category	O&M – Contract				
22.	Order Placement	On Single Agency.				
23.	Evaluation of bids & Purchase Preference	Evaluation shall be on Lump sum Basis. NTPC shall allow purchase preference, as indicated in the bidding documents(ITB). For order preference, MSE guidelines mentioned in ITB Clause 31.0 read in conjunction with ITB Clause 32.0 "Preference to Make In India and Eligibility for Participation/ granting of Purchase Preference to Class-I local suppliers" shall be applicable.				
24.	Preference to local suppliers	Only Class-I local suppliers are eligible to participate in the tender. In order to confirm that bidder is a Class-I local supplier, bidder shall accept the GTE regarding confirmation as Local Supplier in Tendering Portal.				
		<ul> <li>Acceptance of this GTE in tendering portal shall be considered as bidder's confirmation to the following conditions:</li> <li>Bidder is a Class-I Local Supplier</li> <li>Local value addition (to be declared in Bid Form) is done at vendor premises in India</li> <li>Vendor has not been debarred / banned by any other procuring entity for violation of 'Public Procurement (Preference to Make In India Order 2017' (PPP-MII Order) dated 15.06.2017 and its subsequent revisions / amendments</li> </ul>				
25.	Cost of Owner Issue material	May please refer Section V of bidding documents.				
26.	Employer's Beneficiary	Bank Name Online payment is available in tender portal				
	Bank Details for Tender	IFSC Code				
	Fee & EMD (if applicable).	Branch				
	applicable).	Bank Address				
		E mail id				

- **B.** A Complete set of bidding Document may be downloaded by any interested Bidder directly through NTPC eProcurement Portal, https://eprocurentpc.nic.in.
- C. Issuance of Bidding Documents to any bidder shall not construe that bidder is considered qualified.
- D. NTPC reserves the right to reject any or all bids or cancel / withdraw the Invitation For Bids (IFB) without assigning any reason whatsoever and in such case no bidder / intending bidder shall have any claim arising out of such action.

#### E. ADDRESS FOR COMMUNICATION

Manager(C&M) /AGM (CPG-1)

NTPC LTD, Western Region-II Head Quarter, Plot no. -87,

Sector-24, Atal Nagar, Nava Raipur, Chhattisgarh , PIN CODE: 492018

**Contact Details:** 

Land line: 0771-2515391

Email: harshmamodia@ntpc.co.in / usqupta01@ntpc.co.in

Websites: https://eprocurentpc.nic.in/nicgep/app (or) www.ntpctender.com (or) www.ntpc.co.in

#### F. Registered office:

NTPC Bhawan, Core – 7, Scope Complex, Institutional Area, Lodhi Road, New Delhi – 110003.

Website: www.ntpc.co.in

### **QUALIFYING REQUIREMENTS**

1.0	The bidder who wishes to participate in the bidding shall meet the Qualifying Requirements stipulated hereunder	
1.1	Technical Criteria:	
1.1.1	Route-1	
	a)The bidder should be a RLA/CA agency, or ,manufacturer of steam generator (or critical piping), or, Indian JV company of the OEM for steam generator (or critical piping), who is currently engaged in RLA/CA/ R&M activity for equipment such as Steam generator/Critical piping in a power plant or high temperature alloy steel piping system(s) in any process plant and must have conducted RLA/CA for at least one (1) power or process installation in last 7 years prior to the date of Techno-commercial bid opening.	
	b)The bidder should have conducted or executed contract of RLA/CA involving (1) Metallographic analysis, (2) advanced UT such as Phased Array Technique / Time of Flight Diffraction technique, (3) Static Stress analysis of piping for hanger design check and (4) FEA (Finite Element Analysis) based stress mapping/analysis of piping & its component for high temperature alloy steel piping of diameter at least 250 NB with process fluid temperature at least 440 Deg C in any Process Plant/ Power Plant.	
	c)The report(s) of the RLA / CA in respect of above four(4) activities in Clause 1.1.1(b), carried out by the bidder should have been submitted to the employer/client/owner of the reference plant(s) prior to the date of Techno-commercial bid opening and the successful completion certificate (s) should have been issued to the bidder by employer/client/owner for conductance of the relevant RLA/CA study of critical piping by bidder & submission of applicable RLA/ CA report (s) by it.	
	Route -2	
	In case the bidder meets clause 1.1.1 (a) above but does not meet the requirements for more than one (1) activity out of four (4) activities in clause 1.1.1 (b) then it shall associate/collaborate with an agency who fully meets the requirements of clause 1.1.1 (b) above.	
	In such an event (of association/collaboration) the bidder should get the complete scope of RLA/CA activities/tests/analyses as described in tender technical specification, done by its associate/collaborator and shall furnish the reports/results/recommendations of the same duly vetted/signed by associate/collaborator to the employer for the purpose of execution of this package.	
	In case, qualification through association/collaboration route is sought by the bidder, the	

bidder is required to furnish the Deed of Joint Undertaking (DJU) jointly executed by it along with its associate/ collaborator for the successful performance of the part of the contract for which associate/collaborator is responsible, as per format enclosed in the bidding

document where in the associate /collaborator and the bidder shall be jointly & severally liable to the employer to perform all contractual obligation limited to the scope of work for which associate/ collaborator is responsible. The Deed of Joint Undertaking(DJU) shall be submitted along with Techno-Commercial bid, failing which bidder shall be disqualified and its bid shall be rejected. Further the bidder's associate/collaborator in such case shall be required to furnish an on demand bank guarantee as per format enclosed with the bidding document for a value equal to 1% (one percent) of the total contract price in addition to the contract performance security to be furnished by the bidder.

#### Note

- 1.) RLA means 'Residual Life Assessment', CA means 'Condition Assessment', R&M means 'Renovation and Modernization' and UT means 'Ultrasonic Testing'.
- 2.) Critical Piping systems mean either Main Steam or Hot Reheat piping in a power plant.
- 3.) Experiences of various activities under RLA/CA (e.g. metallographic analysis, advanced UT employing Phased Array/Time of flight diffraction, static stress analysis and FEA based stress mapping/analysis) mentioned in clause 1.1.1 (b) above are acceptable in separate installations also.
- 4.) In case the bidder or associate has not conducted stress analysis of piping for hanger design check in clause 1.1.1 (b) above as a part of RLA, the experience of stress analysis of high temperature piping (at least 440 Deg C or above) as a part of design & engineering activity for any other piping system(s) (not necessarily undergoing RLA/CA) shall also be acceptable
- 5.) Advanced UT (Phased array technique/ Time of flight diffraction technique) done on a pipe header/ drum by the bidder or associate with operating temperature more than 440 Deg C shall also be considered to have fulfilled requirement w.r.t. advance UT as per clause 1.1.1 (b) above.
- 6.)In case the bidder fulfils the requirements at clause 1.1.1 (a) and clause 1.1.1 (b) except only one (1) activity out of four activities in clause 1.1.1 (b) above, then the bidder may be considered qualified under route-1 provided it subcontracts the particular activity (in which the main bidder is deficient w.r.t. the requisite experience as called for in clause 1.1.1. (b) to an agency/ organization which fulfils the qualification requirement related to that activity as per clause 1.1.1 (b) above.
- 7.) If alloy steel piping conveys process fluid of temperature at least 440 Deg C or above, it will be considered as high temperature alloy steel piping
- 1.1.2 Bidder should have executed RLA/CA contract, within preceding 07 (seven) years prior to date of Techno-Commercial bid opening in any of the following manner:
  - 1.) One (1) order having executed value not less than Rs. 114 Lakh

Or

2.) Two (2) orders having executed value not less than Rs. 72 Lakh each.

0

3.) Three (3) orders having executed value not less than Rs. 57 Lakh each

#### Notes:

- 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 till 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.					
1.2	Financial Criteria:					
1.2.1	The Average Annual Turnover of the Bidder, shall not be less than Rs.143 Lakh (Rupees one crore forty-three 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.  • Copies of the unaudited unconsolidated financial statements of the bidder along with copies of the Audited consolidated financial statements of its Holding Company					
	<ul> <li>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</li> </ul>					
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					



#### **NTPC Limited eProcurement Portal**

#### **Tender Details**

Date: 23-Dec-2021 12:05 PM



Basic Details						
Organisation Chain	NTPC Limited  Corporate Centre  USSC  CPG-1					
Tender Reference Number NTPC/USSC-CPG1/9900229520						
Tender ID	2021_NTPC_58052_1					
Tender Type	nder Type Open Tender Form of contract					
Tender Category	Works	No. of Covers	3			
General Technical Evaluation Allowed	Yes [Compliance Required]	ItemWise Technical Evaluation Allowed	No			
Payment Mode	Online	Is Multi Currency Allowed For BOQ	No			
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No			

<u>Paymen</u>	t Ins	<u>struments</u>
Online	S.No	Bank Name
Bankers	1	SBI Bank

Cover Details, No. Of Covers - 3						
Cover No Cover		Document Type	Description			
1	Fee	.pdf	Scanned Fee, Power of Attorney Details			
2	PreQual/Technical	.pdf	Technical Bid and Attachments			
3	Finance	.xls	Price Bid- BOQ			

Tender Fee Details, [Total Fee in ₹ * - 2,655]				
Tender Fee in ₹	2,655			
Fee Payable To	Nil	Fee Payable At	Nil	
Tender Fee Exemption	No			

	<b>EMD Fee Details</b>			
]	EMD Amount in ₹	0.00	EMD through BG/ST or EMD Exemption Allowed	No
	EMD Fee Type	fixed	EMD Percentage	NA
	EMD Payable To	Nil	EMD Payable At	Nil

Click to view modification history

Work /Item(s)							
Title	CONDUCTING RLA C	ONDUCTING RLA OF CRITICAL PIPINGS, HANGERS AND SUPPORTS IN UNIT3 (BHEL					
Work Description		ONDUCTING RLA OF CRITICAL PIPINGS, HANGERS AND SUPPORTS IN UNIT3 (BHEL200MW) OF ITPC KORBA DURING 2022-23 BOILER OH					
Pre Qualification Details	As per tender docum	ents					
Independent External Monitor/Remarks	NA	NA					
Show Tender Value in Public Domain	No						
Tender Value in ₹	0.00	00 Product Category Miscellaneous Sub category NA Works					
Contract Type	Tender	Tender Bid Validity(Days) 180 Period Of Work (Days) 365					
Location		Pincode	492018		NA		

	Western Region Head QuartersII Naya Raipur			Pre Bid Meeting Place	
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA		Western Region Head QuartersII
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

<u>Critical Dates</u>			
Publish Date	23-Dec-2021 03:00 PM	Bid Opening Date	19-Jan-2022 03:00 PM
Document Download / Sale Start Date	23-Dec-2021 04:00 PM	Document Download / Sale End Date	17-Jan-2022 03:00 PM
<b>Clarification Start Date</b>	23-Dec-2021 05:00 PM	Clarification End Date	03-Jan-2022 03:00 PM
<b>Bid Submission Start Date</b>	24-Dec-2021 09:00 AM	<b>Bid Submission End Date</b>	17-Jan-2022 03:00 PM

Tender Documents						
NIT Document	S.No	Document Name		Description		Document Size (in KB)
	1	Tendernotice_1.pdf		NIT		132.72
Work Item Documents	S.No	Document Type	Documer	nt Name	Description	Document Size (in KB)
	1	Tender Documents	BidDoc.rar		Tender Documents	13762.07
	2	BOQ	BOQ_6118	37.xls	BOQ	312.50
						·

View GTE Details				
S.No	Particulars	<b>Expected Value</b>	Mandatory	
1.0	Confirm that you are a LOCAL SUPPLIER, and the LOCAL CONTENT included in the PACKAGE FOR COMPLETE SCOPE OF WORK meets the MINIMUM LOCAL CONTENT requirements of the Tender.	Yes	Yes	
2.0	Do you accept Bid Security Declaration	Yes	Yes	
3.0	Do you accept NTPC Safety Rules	Yes	Yes	
4.0	Do you accept the Fraud Prevention Policy of NTPC	Yes	Yes	
5.0	Do you accept Withholding and Banning of Business Dealing Policy of NTPC	Yes	Yes	
6.0	Do you certify full compliance on clause as per tender documents on Restrictions on procurement from a Bidder of a country which shares a land border with India	Yes	Yes	
7.0	Do you certify full compliance on Qualifying Requirements	Yes	Yes	
8.0	Do you certify full compliance to all provisions of Bid documents	Yes	Yes	

Auto Extension Corrigendum Properties for Tender		
Iteration	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.	anilgupta03@ntpc.co.in	Anil Gupta	Anil Gupta	
3.	nchaplot@ntpc.co.in	Narendra kumar Chaplot	NARENDRA KUMAR CHAPLOT	
4.	harshmamodia@ntpc.co.in	Harsh mamodia	HARSH MAMODIA	

<u>Tender Properties</u>			
Auto Tendering Process allowed	No	Show Technical bid status	No
1			

Show Finance bid status	Yes	Show Bids Details	Yes
BoQ Comparative Chart model	Normal	BoQ Compartive chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

Tender Inviting Authority		
Name	Manager	
Address	Western Region Head QuartersII Plot No87, Sector-24, NAYA RAIPUR 492018	

Tender Creator Details	
Created By	Harsh mamodia
Designation	Manager
<b>Created Date</b>	22-Dec-2021 03:36 PM