

NTPC LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

Central Procurement Group-I, Raipur

INVITATION FOR BIDS (IFB)

(DOMESTIC COMPETITIVE BIDDING)

FOR

Supply, Installation and commissioning including type test and mandatory spares for 200MVA, 21/420KV & 250MVA, 18/420KV Generator Transformers for NTPC Ramagundam

Tender Ref: 9900225762

Bidding Document Ref No: -EOC/CPG-1/9900225762

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 the proposal for **Supply, Installation and commissioning including type test and mandatory spares for 200MVA, 21/420KV & 250MVA, 18/420KV Generator Transformers for NTPC Ramagundam** shall be on the basis of single point responsibility completely covering the activities and services in respect of all the equipment & works specified and covered under the specifications and read in conjunction with “Scope of Supply & services” elaborated elsewhere.

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://eprocurentpc.nic.in/nicgep/app>) and as per the following schedule:

NIT Date	As per e-tender portal
Document sale Commencement Date	As per e-tender portal
Last date for receipt of queries from bidders (if any)	As per e-tender portal
Last Date & time for Bid submission	As per e-tender portal
Technical Bid Opening Date & Time	As per e-tender portal
Price bid Opening Date & time	Shall be intimated separately.
Tender Fee	INR 13275/- (Rupees Thirteen Thousand two hundred and seventy-five only) through online payment portal of e –tendering Platform.
Integrity Pact (Applicable / Not Applicable)	Applicable.
Completion Period	Supply: 12 Months for supply from date of award of Purchase Order. Erection & commissioning: 12 months from date of supply.
MSME Benefits*	Not Applicable.

*The MSME Benefits as mentioned in Bid Data Sheet (BDS), shall be applicable for “Form of Contract/Tender Category” type “categorized as "Services" /" Supply” and not for “Form of Contract/Tender Category” categorized as “**Works Contracts**”.

“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://eprocurrentpc.nic.in> only.

- 4.0 All bids must be accompanied by **Bid Security Declaration** in the form as stipulated in the Bidding documents. Bid Security Declaration shall be submitted by acceptance of General Technical Evaluation (GTE) Attribute “**Do you accept Bid Security Declaration**” in GePNIC portal.

In case a bidder does not submit the aforesaid declaration, then the bid shall be rejected by employer as being non-responsive and shall not be opened.

Option for Online payment of tender fee is also made available at GePNIC /e tender portal. Bidders are requested to please avail the facility.

- 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:

All bids must be accompanied by “Bid Security Declaration” in lieu of Bid Security in the GePNIC attribute.

Any bid not accompanied by acceptance of GePNIC attribute of “Bid Security Declaration” shall be rejected by the employer as being non-responsive and shall not be opened.

c) Integrity Pact: Not Applicable

- 6.0 A complete set of Bidding Document may be downloaded by any interested Bidder from <https://eprocurrentpc.nic.in/nicgep/app>. Tender fee, as mentioned above before stipulated date & time of submission of bid.

7.0 **QUALIFYING REQUIREMENTS FOR BIDDERS.**

The bidders who wish to participate in the bidding shall satisfactorily establish that they fulfil the following Qualifying Requirements.

The bidder should meet the qualifying requirements of any one of the qualifying routes stipulated under clauses 7.1.1 or 7.1.2. In addition, the bidder should also meet the requirement stipulated under clause 7.2.0 and 7.3.0 as applicable.

7.1.0 Technical Criteria:

7.1.1 Route-1

The Bidder should have Designed, Manufactured, Installed/Supervised installation and Commissioned/ Supervised commissioning of at least two (02) nos. (one each at

two different installations) of 400 KV or above class Generator Transformers of at least 200 MVA capacity (either three phase transformer as a single unit or single phase transformer) which should be in successful operation for at least two (02) years prior to the date of techno-commercial bid opening.

7.1.2 Route-2

The Bidder who have designed, manufactured, installed/ supervised installation and commissioned/ supervised commissioning of at least two (2) nos. 220 KV or above class transformer which are in successful operation for two (2) years prior to the date of techno commercial bid opening and have established manufacturing facilities for 400 KV class transformers based on technological support of its associate or collaborator or technology provider or licensor, can also be considered Qualified provided its Associate or Collaborator or Technology provider or Licensor meets the qualifying requirement stipulated at 7.1.1 above, and:-

- (i) Associate or Collaborator or technology provider or licensor provides a letter of technical support, for successful performance of the transformers, as per format, given in bidding document. This letter of technical support should be submitted along with the Techno-Commercial bid.
- (ii) Transformers shall be of Collaborator's/Associate's/Technology provider's/Licensor's design. Transformers shall be manufactured in line with manufacturing & assembly drawings of Collaborator/Associate/Technology provider/Licensor.
- (iii) Core coil assembly and final testing of the transformers shall be under the supervision of Collaborator/Associate/Technology provider/Licensor.

Notes: -

- (i) Two different installations mean 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.

The bidder should meet the qualifying requirements of any one of the qualifying routes stipulated under clauses 7.1.1 or 7.1.2. In addition, the bidder should also meet the requirement stipulated under clause 7.2.0 and 7.3.0 as applicable.

7.2.0 Financial Criteria of Bidder

7.2.1 The average annual turnover of the bidder, in the preceding three (03) financial years, reckoned as on the date of Techno-commercial bid opening shall not be less than Rs 3293.00 Lakhs (Rupees Three thousand two hundred ninety-three lakhs only).

7.2.2 In case a Bidder does not satisfy the annual turnover criteria, stipulated above at Cl. 7.2.1 on its own, its Holding Company would be required to meet the stipulated turnover requirements 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 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.

7.2.3 Net Worth of the bidder should not be less than 100% of the bidder's paid up share capital as on the last day of the preceding financial year on the date of Techno-commercial bid opening. In case the Bidder meets the requirement of Net worth based on the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of its Holding Companies, wherever applicable, 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% of their total paid up share capital. However individually, their Net worth should not be less than 75% of their respective paid up share capitals.

Net worth in combined manner shall be calculated as follows:

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.

7.2.4 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.

7.2.5 In cases 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 a 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.

7.3.0 Financial Criteria of Collaborator/Associate/ Technology provider/ Licensor of the Bidder

7.3.1 The average annual turnover of the Collaborator/Associate /Technology provider/ Licensor, in the preceding three (03) financial years, reckoned as on the date of Techno-commercial bid opening shall not be less than Rs 329.00 Lakhs (Rupees Three hundred and twenty-nine lakhs only).

7.3.2 In case a Collaborator/Associate /Technology provider/ Licensor does not satisfy the annual turnover criteria, stipulated above at Cl. 7.3.1 on its own, its Holding Company would be required to meet the stipulated turnover requirements at Cl. 7.3.1 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 Collaborator/Associate

/Technology provider/ Licensor would be required to furnish along with its 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 to the Collaborator/Associate /Technology provider/ Licensor.

7.3.3 Net Worth of the Collaborator/Associate /Technology provider/ Licensor should not be less than 100% of the Collaborator's/Associate 's /Technology provider's/ Licensor's paid up share capital as on the last day of the preceding financial year on the date of Techno-commercial bid opening. In case the Collaborator/Associate /Technology provider/ Licensor meets the requirement of Net worth based on the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of its Holding Companies, wherever applicable, the Net worth of the Collaborator/Associate /Technology provider/ Licensor 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% of their total paid up share capital. However individually, their Net worth should not be less than 75% of their respective paid up share capitals.

Net worth in combined manner shall be calculated as follows:

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.

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

- i) Copies of the unaudited unconsolidated financial statements of the Collaborator/Associate /Technology provider/ Licensor along with copies of the audited consolidated financial statements of its Holding Company of Collaborator/Associate /Technology provider/ Licensor.
- 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 of Collaborator/Associate /Technology provider/ Licensor.

7.3.5 In cases 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 /Technology provider/ Licensor is not able to submit the Certificate from a 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.

Notes for 7.2.0 & 7.3.0:

- i) Net worth means the sum total of the paid up share capital and free reserves. Free reserves mean 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 computing annual turnover.
- iii) "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act of India, in vogue.

- 8.0 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. The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids."

The local content requirement to categorize a Bidder/ Supplier as 'Class-I local supplier' is minimum 50%.

Note:

- i. The bidder has to furnish declaration regarding local content in Employer's attached format for availing purchase preference. The duly filled-in declaration format is to be submitted in **TECHNO-COMMERCIAL BID COVER/ ENVELOPE**.
- ii. Also supplier 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 issued by Department for Promotion of Industry and Internal trade (DPIIT)".
- iii. In case false declaration in respect of Local content, same shall be treated as false declaration and will be dealt in line with the Fraud Prevention Policy of NTPC.

The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.

- 9.0 The Contractor shall not be allowed to sub-contract works to any sub-contractor/ sub-vendor from a country which shares a land border with India unless such sub-contractor is registered with the competent Authority.

The Competent Authority for the purpose of registration shall be as mentioned in the **Annexure - II** of SCC.

However, the said requirement of registration will not apply to sub-contractors 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. The Contractor may apprise itself of the updated lists of such countries available in the website of the Ministry of External Affairs.

- 10.0 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.

11.0 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.

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

13.0 **Address for communication:**



Sr Manager(C&M)-CPG-1 / GM(C&M)-CPG-I

NTPC Limited, Central Procurement Group-I,
NTPC WR-II office, Sector-24 , Tuta,
Naya Raipur, Chattisgarh - 492101 (India)
Email: pramodkumar04@ntpc.co.in/ sgovindarajan@ntpc.co.in

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

NTPC Limited eProcurement Portal						
Tender Details						
 NTPC Tenders <small>A Maharatna Company</small>				Date : 07-Oct-2021 12:54 PM		
 Print						
Basic Details						
Organisation Chain	NTPC Limited Corporate Centre USSC CPG-1					
Tender Reference Number	NTPC/USSC-CPG1/9900225762					
Tender ID	2021_NTPC_54900_1					
Tender Type	Open Tender	Form of contract	Works			
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			
Payment Instruments			Cover Details, No. Of Covers - 3			
Online Bankers	S.No	Bank Name	Cover No	Cover	Document Type	Description
	1	SBI Bank	1	Fee	.pdf	Scanned Fee Details
			2	PreQual/Technical	.pdf	Technical Details
					.pdf	Documents related to Qualifying Requirements
			3	Finance	.xls	Price Bid
Tender Fee Details, [Total Fee in ₹ * - 13,275]			EMD Fee Details			
Tender Fee in ₹	13,275	EMD Amount in ₹	0.00	EMD through BG/ST or EMD Exemption Allowed	No	
Fee Payable To	Nil	Fee Payable At	Nil	EMD Fee Type	fixed	
Tender Fee Exemption Allowed	No			EMD Percentage	NA	
				EMD Payable To	Nil	
				EMD Payable At	Nil	
Click to view modification history						
Work /Item(s)						
Title	200MVA, 21/420KV AND 250MVA, 18/420KV GENERATOR TRANSFORMERS FOR NTPC					
Work Description	200 MVA, 21/420KV AND 250MVA, 18/420KV GENERATOR TRANSFORMERS FOR NTPCRAMAGUNDAM					
Pre Qualification Details	As per tender documents					
Independent External Monitor/Remarks	NA					
Show Tender Value in Public Domain	No					
Tender Value in ₹	0.00	Product Category	Miscellaneous Works	Sub category	NA	

Contract Type	Tender	Bid Validity(Days)	180	Period Of Work (Days)	730
Location	Western Region Head QuartersII Plot No. -87, Secto	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	07-Oct-2021 06:00 PM	Bid Opening Date	30-Oct-2021 03:00 PM
Document Download / Sale Start Date	07-Oct-2021 06:00 PM	Document Download / Sale End Date	28-Oct-2021 03:00 PM
Clarification Start Date	07-Oct-2021 06:00 PM	Clarification End Date	20-Oct-2021 06:00 PM
Bid Submission Start Date	07-Oct-2021 06:00 PM	Bid Submission End Date	28-Oct-2021 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Notice Inviting Tender	122.12

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	GCC.pdf	General Conditions of Contract	2856.43
	2	Tender Documents	Instruction_to_Bidders.pdf	Instructions to Bidders	617.39
	3	Tender Documents	Forms_and_Procedures.pdf	Forms and Procedures	1224.48
	4	Tender Documents	Nil_Deviation_Format.pdf	Nil Deviation Format	839.68
	5	Tender Documents	Section_III_BDS_Generator_Transformers.pdf	Section-III BDS	100.79
	6	Tender Documents	Section_V_SCC_Rev-2.pdf	Special Conditions of Contract	102.70
	7	Tender Documents	Declaration_on_Local_content.pdf	Declaration on Local content	135.36
	8	Tender Documents	Annexure-II_BDS_Land_Border.pdf	Land Border Clause	8894.94
	9	Tender Documents	Annexure_C_Banning_Policy.pdf	Banning policy	420.58
	10	Tender Documents	Annexure_B_GCC_Safety_Rules.pdf	GCC Safety Rules	1078.33
	11	Tender Documents	Annexure_A_Contract_Closing_Certificates.pdf	Contract Closing Certificates	182.43
	12	Tender Documents	250_MVA_GT_Specifications.pdf	Technical Specifications 250 MVA GT	213.86
	13	Tender Documents	200_MVA_GT_Specifications.pdf	Technical Specification 200 MVA Generator Transformer	223.72
	14	Tender Documents	FG_and_LD_Clause.pdf	Functional Guarantees and LD clause	45.25
	15	Tender Documents	Scope_of_Work.pdf	Scope of Work	44.95
	16	Tender Documents	Ref_MQP_Transformer.pdf	Reference Manufacturing Quality Plan	101.28
	17	Tender Documents	Reference_Drawing_Existing_Generator_Transformers.pdf	Reference Drawing Existing Generator Transformer	4932.62

18	Tender Documents	VENDOR_Compliance_Checklist.pdf	Vendor Compliance Sheet for Technical Spec	10.99
19	Tender Documents	Testing_Requirement.pdf	Testing Requirements of Generator Transformers	15.14
20	Tender Documents	Mandatory_Spares_List.pdf	Mandatory Spare List	17.68
21	Tender Documents	Payment_of_Amount_linked_to_safety_aspects.pdf	Payment of Amount linked to safety aspects	39.49
22	BOQ	BOQ_58019.xls	BOQ	310.00

View GTE Details

S.No	Particulars	Expected Value	Mandatory
1.0	Confirm that you are a LOCAL SUPPLIER, and the LOCAL CONTENT included in SCOPE OF SUPPLY FOR ALL QUOTED ITEMS (Item-wise Evaluation) OR COMPLETE SCOPE OF SUPPLY (Package-wise Evaluation) 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 the Fraud Prevention Policy of NTPC	Yes	Yes
4.0	Do you accept Withholding and Banning of Business Dealing Policy of NTPC	Yes	Yes
5.0	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
6.0	Do you certify full compliance on Qualifying Requirements	Yes	Yes
7.0	Do you certify full compliance to all provisions of Bid documents	Yes	Yes

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.	pramodkumar04@ntpc.co.in	Pramod Kumar	PRAMOD KUMAR
2.	sonaliagarwal@ntpc.co.in	Sonali Agarwal	SONALI RAKESHKUMAR AGARWAL
3.	tapasmishra@ntpc.co.in	TAPAS MISHRA	TAPAS MISHRA
4.	sushilmeena@ntpc.co.in	SUSHIL R MEENA	SUSHIL R MEENA

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	No
Show Finance bid status	Yes	Show Bids Details	Yes
BoQ Comparative Chart model	Normal	BoQ Comparative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

Tender Inviting Authority

Name	Tapas MishraSr Manager (C and M) CPG-1
Address	Western Region Head QuartersII Plot No. -87, Sector-24, Atal RAIPUR 492018

Tender Creator Details

Created By	TAPAS MISHRA
Designation	SENIOR MANAGER
Created Date	06-Oct-2021 10:11 AM