

**NTPC LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)**

Central Procurement Group-I, Raipur

INVITATION FOR BIDS (IFB)

(DOMESTIC COMPETITIVE BIDDING)

FOR

**Design, Engineering, Manufacturing, Supply, Testing, Erection & Commissioning of
Chlorine Di-oxide (ClO₂) System at NTPC Bongaigaon.**

Tender Ref: 9900252857

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

Brief scope of work includes Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of complete Chlorine Di-oxide plant including all mechanical ,civil, electrical and control & instrumentation works for NTPC/BgTPP of following capacities and as per technical specifications Part-A, B, C, D, E and F and all the applicable General Conditions of Contract of NTPC .

1. 2 X 45 KG/HR (For CW Chlorination) # 2 W

2. 2 X 6.5 KG/HR (For PT Chlorination)- 1 W + 1 S

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://eprocurentpc.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 (if any)	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.
Tender Fee	Rs 6637.00 (Rupees Six Thousand Six Hundred and Thirty Seven Only)
Integrity Pact (Applicable / Not Applicable)	Applicable
Bid Security	Rs. 20,00,000/-(Rupees Twenty Lakhs only)

*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://eprocurementpc.nic.in> only.

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

- 4.0** All bids must be accompanied by Bid security for an amount of ₹ 20,00,000/-(Rupees **Twenty Lakhs only**) in the form as stipulated in Bidding Documents.

"ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY IN A SEPARATE SEALED ENVELOPE 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), BIDDER TO SUBMIT THE PROOF OF E-PAYMENT OF BID SECURITY EITHER IN SEPARATE SEALED ENVELOPE OR IN THE E-TENDERING PORTAL."

- 5.0** A complete set of Bidding Document may be downloaded by any interested Bidder from <https://eprocurementpc.nic.in/nicgep/app>. Tender fee (in case of offline payment) as mentioned above is required to be submitted in separately sealed envelope at the address mentioned in the bidding document before stipulated date & time of submission of bid.

Prospective bidders are compulsorily required to provide GSTIN number with Tender Fee.

6.0 QUALIFYING REQUIREMENTS FOR BIDDERS.

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

6.1 Technical Criteria:

The bidder has to meet the Technical Criteria through ROUTE-1 or ROUTE-2.

6.1.1 ROUTE-1

- 6.1.1.1 Bidder should have Designed, ' **Supplied/ Supplied on Rental basis** ', Chlorine Di Oxide '**System/Plant**' of cumulative generation capacity '**40 kg/hr or more**', under 'one or more contracts', with minimum one no. Chlorine Di-oxide Generator of capacity '**10 Kg/hr or more**' which should have been in successful operation for a period not less than one 1 year prior to the date of Techno Commercial Bid opening.

- 6.1.1.2 In addition to the requirement given at 6.1.1.1 above, bidder should also have installed and commissioned ' **either of the following** ' which should have been in successful operation for a period not less than one 1 years prior to the date of Techno Commercial Bid opening.

(a) A chlorine dioxide generator of capacity 10kg/hour or more

OR

(b) One no. Gas Chlorination plant/Electro Chlorination plant, of total generation capacity not less than 120 Kg/hr

6.1.2 ROUTE-2

- 6.1.2.1 Bidder who do not fulfill the requirement in ROUTE-1 above, can also participate provided Bidder has Designed, Supplied, Erected and Commissioned one no. Gas Chlorination plant/Electro Chlorination plant, of total generation capacity not less than 120 Kg/hr and shall associates/collaborates with a party fully meeting the requirements of Route-1.

In such a case, the Bidder shall be required to furnish a Deed of Joint Undertaking(s) (DJU) jointly executed by the Bidder and the Collaborator(s)/ Associate(s) and each executants of DJU shall be jointly and severally liable to the Employer for successful performance of Chlorine Di-Oxide (ClO₂) Generator(s), as per the format enclosed with the bidding documents. The Deed of Joint Undertaking(s) (DJU) should be submitted along with the bid failing which Bidder shall be disqualified and its bid shall be rejected. In case of award, the Collaborator(s) /Associates shall be required to furnish an on demand bank guarantee as per the format enclosed with the bidding documents for a value equal to 1% (one percent) of the contract price in addition to the Contract Performance Security to be furnished by the Bidder.

Notes for Clause 6.1 above:

i) The word “executed” means the Bidder should have achieved the criteria specified in the qualifying requirements at clause 6.1 even if the contract has been started and/ or is not completed/ closed.

6.2 Financial criteria:

6.2.1 Financial Criteria for Bidder:

- (a) The average annual turnover of the Bidder, in the preceding three (3) financial years as on the date of Techno-Commercial bid opening, shall not be less than **1215 Lakhs (Rupees One Thousand Two Hundred and Fifteen Lakhs only)**

In case a bidder does not satisfy the financial criteria, stipulated above on its own, its Holding Company would be required to meet the stipulated turnover requirements at cl. 6.2.1 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.

- (b) The Net Worth of the bidder shall not be less than 100% of the Bidder's paid-up share capital as on the last day of the preceding financial year. In case the Bidder meets the requirement of Net worth based on the strength of its Subsidiary (ies) and/or Holding Company and/or Subsidiaries 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. For Consortiums/Joint ventures, wherever applicable, the Net worth of all consortium/ Joint venture members in combined manner should not be less than 100% (one hundred percent) of their paid up share capital. However, individually, their Net worth should not be less than 75% (seventy five percent) of their respective paid up share capitals.

Net worth in combined manner shall be calculated as follows:

$$\text{Net worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100$$

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.

- (c) 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 the 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 financial statements of the Holding Company.

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 for the 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 Technocommercial bid opening and the Certificate from the practising Chartered Accountant certifying the financial parameters is not available.

- 6.2.2 Financial criteria for Collaborator/ Associate in case of Bidder participating through Clause However, Bidder should also meet the financial criteria as per clause 6.2.1:

- (a) The average annual turnover of the Collaborator/Associates should not be less than Rs. 122 Lakhs (Rupees One Hundred and twenty two only) during the preceding three (3) completed financial years as on the date of Techno-commercial bid opening

In case the Collaborator/Associate does not satisfy the average annual turnover criteria above on its own, its Holding Company would be required to meet the stipulated turnover requirements at Cl 6.2.2.a) 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 would be required to furnish along with bidder's Techno-Commercial bid, a Letter of Undertaking from the Holding Company, supported by Board Resolution of the Holding Company, as per the format enclosed with the bidding documents, pledging unconditional and irrevocable financial support to the Collaborator/Associate to honour the terms and conditions of the Deed of Joint Undertaking in case of award of the Contract to the Bidder with whom Collaborator/Associate is associated.

- b) The Net Worth of each Collaborator/Associate, as on the last day of the preceding financial year as on the date of Techno-commercial bid opening should not be less than 100% (hundred percent) of its paid-up share capital. In case the Collaborator/Associate does not meet the Net worth criteria on its own, it can meet the requirement of Net worth based on the strength of its Subsidiary (ies) and/or Holding Company and/or Subsidiaries of its Holding companies wherever applicable. In such a case, however the Net worth of the Collaborator/Associate 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% (hundred percent) of their total paid up share capital. However individually, their Net worth should not be less than 75% (seventy five percent) of their respective paid up share capitals.

Net worth in combined manner shall be calculated as follows:

$$\text{Net worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100$$

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

- (c) In case the Collaborator/Associate is not able to furnish its audited financial statements on stand alone entity basis, the unaudited unconsolidated financial statements of the Collaborator/Associate 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 Collaborator/Associate along with copies of the audited consolidated financial statements of the Holding Company of Collaborator/Associate.
 - (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 financial statements of the Holding Company of Collaborator/Associate

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 for the 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 Technocommercial bid opening and the Certificate from the practising Chartered Accountant certifying the financial parameters is not available.

Notes for Clause 6.2.1 and 6.2.2 above:

- (i) 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..
- (ii) Other income shall not be considered for arriving at annual turnover.
- (iii) "Holding Company" and "Subsidiary" shall have the meaning ascribed to them as per Companies Act of India.
- (iv) For Turnover indicated in foreign currency, the exchange rate as on seven (07) days prior to the date of techno-commercial bid opening shall be used.

7.0 Any Certificate(s) / Financial Statement(s) / Audited Balance Sheet and P&L Account (wherever applicable) undertaken/ signed by a Member of Institute of Chartered

Accountant of India (ICAI), which Bidders submit in support of compliance to Qualifying Requirements (QR), will carry Unique Document Identification Number (UDIN) generated in line with the Gazette Notification of Council of Institute of Chartered Accountant of India (ICAI)."

- 8.0** **'Class-I local suppliers' / ~~'Class-I local suppliers and Class-II local suppliers'~~** only 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."

OR

~~Bids from 'Class-I local suppliers' as defined in the bidding documents/ Public Procurement (Preference to Make in India), Order 2017 and its subsequent amendments/ revisions issued by DPIIT shall be eligible for purchase preference. The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids."~~

NOTE:

Bidders are requested to give acceptance of being Class-I Local Supplier (Minimum Local Content equal to or more than 60%) by accepting the GTE & declaration in Bid Form.

By accepting the MLC provision of GTE it will be considered that:-

"Bidder is 'Class-I local supplier' and is meeting the MLC requirement stipulated in Annexure-II to BDS.

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)".

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** 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.

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.

- 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:

DGM / AGM (CPG-I)

NTPC Limited, Central Procurement Group-I,

NTPC WR-II office, Sector-24,

Nava Raipur, Chattisgarh - 492018

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

Phone: 0771-2515478/0771-2515220

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

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 : 10-Mar-2023 06:17 PM Print																																									
Basic Details																																											
Organisation Chain	NTPC Limited Corporate Centre USSC CPG-1																																										
Tender Reference Number	NTPC/USSC-CPG1/9900252857																																										
Tender ID	2023_NTPC_74474_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	<table border="1"> <thead> <tr> <th>S.No</th> <th>Bank Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SBI Bank</td> </tr> </tbody> </table>	S.No	Bank Name	1	SBI Bank	<table border="1"> <thead> <tr> <th>Cover No</th> <th>Cover</th> <th>Document Type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Fee</td> <td>.pdf</td> <td>Tender Fee Details</td> </tr> <tr> <td></td> <td></td> <td>.pdf</td> <td>EMD Details</td> </tr> <tr> <td></td> <td></td> <td>.pdf</td> <td>Integrity Pact</td> </tr> <tr> <td></td> <td></td> <td>.pdf</td> <td>Deed of joint undertaking (if applicable) -Physical copy required</td> </tr> <tr> <td>2</td> <td>PreQual/Technical</td> <td>.pdf</td> <td>Attachment-3A</td> </tr> <tr> <td></td> <td></td> <td>.pdf</td> <td>Technical / QR Details</td> </tr> <tr> <td></td> <td></td> <td>.pdf</td> <td>Power of Attorney</td> </tr> <tr> <td>3</td> <td>Finance</td> <td>.xls</td> <td>BOQ</td> </tr> </tbody> </table>		Cover No	Cover	Document Type	Description	1	Fee	.pdf	Tender Fee Details			.pdf	EMD Details			.pdf	Integrity Pact			.pdf	Deed of joint undertaking (if applicable) -Physical copy required	2	PreQual/Technical	.pdf	Attachment-3A			.pdf	Technical / QR Details			.pdf	Power of Attorney	3	Finance	.xls	BOQ
S.No	Bank Name																																										
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1	Fee	.pdf	Tender Fee Details																																								
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2	PreQual/Technical	.pdf	Attachment-3A																																								
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		.pdf	Power of Attorney																																								
3	Finance	.xls	BOQ																																								
Tender Fee Details, [Total Fee in ₹ * - 6,637]		EMD Fee Details																																									
Tender Fee in ₹	6,637	EMD Amount in ₹	20,00,000																																								
Fee Payable To	Nil	EMD through BG/ST or EMD Exemption Allowed	Yes																																								
Tender Fee Exemption Allowed	No	EMD Fee Type	fixed																																								
		EMD Payable To	Nil																																								
		EMD Percentage	NA																																								
		EMD Payable At	Nil																																								
Click to view modification history																																											
Work /Item(s)																																											
Title	Design, Engineering, Mfg, Supply																																										
Work Description	Design, Engineering, Mfg, SupplyChlorine Di-oxide (ClO2) System at NTPC																																										
Pre Qualification Details	As per tender documents																																										
	As per tender document																																										

Independent External Monitor/Remarks					
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)	365
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	10-Mar-2023 06:30 PM	Bid Opening Date	05-Apr-2023 03:00 PM
Document Download / Sale Start Date	10-Mar-2023 06:30 PM	Document Download / Sale End Date	03-Apr-2023 03:00 PM
Clarification Start Date	10-Mar-2023 06:30 PM	Clarification End Date	21-Mar-2023 05:00 PM
Bid Submission Start Date	10-Mar-2023 06:30 PM	Bid Submission End Date	03-Apr-2023 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	NIT	329.29	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	Biddoc.rar	Tender Document	18819.18
	2	BOQ	BOQ_77643.xls	BOQ	380.00
	3	Additional Documents	Integritypactsigned.pdf	Integrity Pact	240.09

View GTE Details

S.No	Particulars	Expected Value	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 NTPC Safety Rules	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
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1.	ilaanand@ntpc.co.in	Ila Anand	ILA ANAND
2.	amittiwari@ntpc.co.in	Amit Tiwari	AMIT TIWARI
3.	anilgupta03@ntpc.co.in	Anil Gupta	ANIL GUPTA
4.	anandmgupta@ntpc.co.in	Anand Mohan Gupta	ANAND MOHAN GUPTA

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 Compative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

Tender Inviting Authority

Name	DGM(CnM)-CPG1
Address	Western Region Head QuartersII Plot No. -87, Sector-24, Atal RAIPUR 492018

Tender Creator Details

Created By	Amit Tiwari
Designation	DGM
Created Date	10-Mar-2023 04:56 PM