

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

**Central Procurement Group-I, Raipur**

**Section-I**

**INVITATION FOR BIDS (IFB)**

**(DOMESTIC COMPETITIVE BIDDING)**

**FOR**

**DESIGN, SUPPLY, ERECTION/INSTALLATION, TESTING & COMMISSIONING OF  
COMPLETE CHLORINE DIOXIDE (CLO<sub>2</sub>) DOZING SYSTEM (INCL. CIVIL  
WORKS) FOR COOLING WATER SYSTEM AT NTPC LTD., TELANGANA  
PROJECT, STAGE-I (2 X 800 MW).**

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***NIT Ref: 9900234274***

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**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 covers Design, Engineering, Procurement, Manufacturing, Supply, Civil Works, Installation, Testing & Commissioning, Cleaning and Painting OF complete CHLORINE DIOXIDE PLANT at NTPC Ltd. -Telangana Project Stage -I (2x800MW) and Supply of mandatory spares as per the detailed specifications. CLO<sub>2</sub> plant capacity is as follows:

CLO<sub>2</sub> Plant CW system: 2 x 90 Kg/hr (2W) or 3 x 60 Kg/hr (3W)

CLO<sub>2</sub> Plant PT system: 2 x 12.5 Kg/hr (1W+1S)

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

Form of Contract/Tender Category	<b>WORKS CONTRACT*</b>
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	₹ 6,638.00 (Rupees Six Thousand Six Hundred Thirty-eight only); payable online only at GePNIC Portal.
Bid Security Deposit / EMD	₹ 20,00,000.00 (Rs. Twenty Lakh Only); Payable online / BG (Physical)

\*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 Deposit / EMD** in the form as stipulated in the Bidding documents. Receipt slip of Bid Security Deposit shall be submitted by the bidder in the Fee cover at GePNIC portal. Physical form of EMD (BG etc.) in original in a sealed envelope should reach at employer’s **address (CI-13)** on or before Bid Submission End Date (BSED), superscribing the name of the package, Tender Id / Ref. No and Date of Bid Opening.

~~In case a bidder does not submit the aforesaid document, 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.~~

Online facility of submitting the tender fee and bid security is enabled. Payment of tender fee is to be done only through online facility on GePNIC portal. Bid Security/EMD may be paid through online payment of bid security amount applicable for this tender OR through Bank Guarantee of appropriate value in accordance with the tender provisions (please refer attached help document in this regard).

On Tendering (GePNIC) portal, “EMD through BG/ST or EMD Exemption Allowed” Tab is enabled only for the purpose of allowing bidders to submit the scanned copy of the bank Guarantee.

Bidders who wish to submit bank guarantee MUST upload the scanned copy of bank guarantee and also ensure that original physical copy of the bank guarantee received at the Employer’s address mentioned in bidding documents before the bid submission deadline as per the tender provisions.

**Payment of EMD and Tender fee is not exempted in this tender being a works contract. Bidders are advised NOT to upload MSE/other document for availing exemption. Bids without adequate Bid Security and Tender fee, as per tender provisions, shall be outrightly rejected.**

**~~SPECIAL PROVISIONS WITH REGARD TO RECEIPT OF COST OF BIDDING DOCUMENTS IN VIEW OF COVID-19 PANDEMIC MAY BE REFERRED TO IN TENDER DOCUMENTS.~~**

- 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 (Non-Refundable, to be deposited online only)

b) Earnest Money Deposit/Bid Security

c) Integrity Pact: ~~Not~~ Applicable (may be uploaded online)

~~Any bid not accompanied by acceptance of GePNIC attribute for "Bid Security Declaration" against Bid security, Tender fee, Integrity Pact shall be rejected by the Employer as being non-responsive and shall be rejected without being opened.~~

**6.0** 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.**

## **7.0 QUALIFYING REQUIREMENTS FOR BIDDERS.**

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

### **7.1 Technical Criteria:**

#### **ROUTE-1**

7.1.1.1 Bidder should have Designed, "**Supplied/ Supplied on rental basis**", Chlorine Dioxide '**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 year prior to the date of Techno-commercial Bid opening.

7.1.1.2 In addition to the requirement given at 7.1.1.1 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 year** prior to the date of Techno-commercial Bid opening:

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

**OR**

7.1.1.2(b) One (1) number Gas Chlorination plant/Electro Chlorination Plant of total generation capacity not less than 120 Kg/hr

**OR**

#### **ROUTE-2**

7.1.2.1 Bidder who do not fulfil the requirement in Route-1 above, can also participate provided the Bidder has Designed, Supplied, Erected and Commissioned one (1) number Gas chlorination plant/ Electro Chlorination Plant of total 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 (DJU) jointly executed by the Bidder and the Collaborator/Associate and each executant of DJU shall be jointly and severally liable to the Employer for successful performance of Chlorine Dioxide (ClO<sub>2</sub>) Generator(s), as per the format enclosed with the bidding documents. The Deed of Joint Undertaking (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/Associate 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 7.1 above:**

i) The word “executed” means the Bidder should have achieved the criteria specified in the qualifying requirements at clause 1.0, even if the contract has been started and/ or is not completed/ closed.

**7.2 Financial Criteria**

7.2.1 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 Rs. **1217 Lakhs (Rs. Twelve Hundred and Seventeen Lakhs only).**

In case the bidder does not satisfy the financial criteria, stipulated above on its own, its holding company would be required to meet the stipulated turnover requirements 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 of the holding company, 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.

7.2.2 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.

**Net worth in combined manner shall be calculated as follows:**

**Net worth (combined)=(x1+x2+x3) / (y1+y2+y3) X 100, where x1, x2, x3 are individual net worth which shall not be less than 75% of the respective paid-up share capitals and y1, y2, y3 are individual paid up share capitals.**

7.2.3 In case the bidder is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the bidder can be considered acceptable provided the bidder furnishes the following further documents on substantiation of its qualification:

- (a) Copies of the unaudited unconsolidated financial statements of the bidder along with copies of the audited consolidated financial statements of the Holding Company.
- (b) 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 statements of the Holding Company.

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 Clause 7. 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.

**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 50%) 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 C&M (CPG-I)**

NTPC Limited, Central Procurement Group-I,

NTPC WR-II office, Sector-24,

Nava Raipur, Chattisgarh - 492018

Email: [bhupeshgupta@ntpc.co.in](mailto:bhupeshgupta@ntpc.co.in) / [monikasagar@ntpc.co.in](mailto:monikasagar@ntpc.co.in)

Phone: 0771-2515438

**Websites:** <https://eprocurerntpc.nic.in/nicgep/app> or [www.ntpctender.com](http://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](http://www.ntpc.co.in)

### 3. Payment of EMD through Bank Guarantee

In a Tender for E.g. Tender Fee is Rs. 2,950/- (Including GST), EMD Amount is Rs. 12,50,000/- and department has permitted payment of EMD through Bank Guarantee in that Tender like :

EMD through BG/ST or EMD  
Exemption Allowed

Yes  No

**At present bidder can pay full or partial EMD through BG**

The following e.g. shows how to avail the full EMD payment through BG:

***To Pay the EMD amount through Bank Guarantee, bidder should follow the steps as below:***

**BID SUBMISSION**

**My Tenders** → EMD Exemption

If you are paying EMD through Bank Guarantee(BG) / Swift Transfer(ST) or exempted from EMD payment, then select the option **Yes** and provide the details. For submitting EMD through Bank Guarantee/Swift Transfer, select 100% EMD Exemption and upload the copy of BG / ST slip.

Select **No** for proceeding for Online EMD payment.

Are you submitting EMD through BG/ST or Exempted from EMD payment:  Yes  No

Click here to pay EMD through Bank Guarantee

Next

**My Tenders** → EMD Exemption

If you are paying EMD through Bank Guarantee(BG) / Swift Transfer(ST) or exempted from EMD payment, then select the option **Yes** and provide the details. For submitting EMD through Bank Guarantee/Swift Transfer, select 100% EMD Exemption and upload the copy of BG / ST slip.

Select **No** for proceeding for Online EMD payment.

Are you submitting EMD through BG/ST or Exempted from EMD payment:  Yes  No

If yes, Provide the exemption type:  Percentage  Fixed

Percentage/Amount\* 100

EMD amount in ₹ : 12,50,000

EMD exemption document:\*

**1. Select exemption type as percentage**

**2. Enter exemption value as 100 mandatorily**

**Next**

**My Tenders** → EMD Exemption

If you are paying EMD through Bank Guarantee(BG) / Swift Transfer(ST) or exempted from EMD payment, then select the option **Yes** and provide the details. For submitting EMD through Bank Guarantee/Swift Transfer, select 100% EMD Exemption and upload the copy of BG / ST slip.

Select **No** for proceeding for Online EMD payment.

Are you submitting EMD through BG/ST or Exempted from EMD payment:  Yes  No

If yes, Provide the exemption type:  Percentage  Fixed

Percentage/Amount\* 100

EMD amount in ₹ : 12,50,000

EMD exemption document:\*

**EMD Payment**

EMD amount to be paid after exemption: ₹ 0.00

**EMD amount to be paid online will be Rs. 0.00 due to BG submission**

**Next**



**My Tenders** → EMD Exemption

If you are paying EMD through Bank Guarantee(BG) / Swift Transfer(ST) or exempted from EMD payment, then select the option **Yes** and provide the details. For submitting EMD through Bank Guarantee/Swift Transfer, select 100% EMD Exemption and upload the copy of BG / ST slip.

Select **No** for proceeding for Online EMD payment.

Are you submitting EMD through BG/ST or Exempted from EMD payment:  Yes  No

If yes, Provide the exemption type:  Percentage  Fixed

Percentage/Amount\*

Actual EMD amount in ₹ : 12,50,000

Only pdf,jpg files are permitted to upload.

Upload EMD exemption document:\*

Documents\_BidderEMD\_Exemption.pdf

Upload Bank Guarantee Document

Digitally sign the document

Next

**My Tenders** → EMD Exemption

If you are paying EMD through Bank Guarantee(BG) / Swift Transfer(ST) or exempted from EMD payment, then select the option **Yes** and provide the details. For submitting EMD through Bank Guarantee/Swift Transfer, select 100% EMD Exemption and upload the copy of BG / ST slip.

Select **No** for proceeding for Online EMD payment.

Are you submitting EMD through BG/ST or Exempted from EMD payment:  Yes  No

If yes, Provide the exemption type:  Percentage  Fixed

Percentage/Amount\*

Actual EMD amount in ₹ : 12,50,000

Only pdf,jpg files are permitted to upload.

Upload EMD exemption document:\*

Documents\_BidderEMD\_Exemption.pdf

File Signed Successfully

File Message: File signed successfully. OK

Next

**My Tenders** → EMD Exemption

If you are paying EMD through Bank Guarantee(BG) / Swift Transfer(ST) or exempted from EMD payment, then select the option **Yes** and provide the details. For submitting EMD through Bank Guarantee/Swift Transfer, select 100% EMD Exemption and upload the copy of BG / ST slip.

Select **No** for proceeding for Online EMD payment.



Are you submitting EMD through BG/ST or Exempted from EMD payment:  Yes  No

If yes, Provide the exemption type:  Percentage  Fixed

Percentage/Amount\*

Actual EMD amount in ₹ : 12,50,000

Only pdf,jpg files are permitted to upload.




Upload EMD exemption document:\*   

Click "Next" button to proceed further



**Next**

Organisation Chain : NIC Org||NIC\_Dept  
Tender Reference Number : BHE/PW/PUR/KNT-BLE/469  
Tender ID : 2020\_NIC\_68439\_1  
Tender Title : Tender for Collection of materials from BHEL/ Clients Stores/ Storage Yard

**Bid Process List**

S.No	Bid Process	Action
1	GTE Details	
2	Profile	
3	Avail Preferential Bidder Option	

**Bid Payment Details**

S.No	Fee Type	Actual Fee	Exempted Fee	Fee To Be Paid	Paid Fee	Edit Exemption
1	Tender Fee	2,950 (INR)	0.00	2,950 (INR)	0.00	
2	Emd Fee	12,50,000 (INR)	12,50,000 (INR)	0.00	0.00	

**Pay Online** **Encrypt & Upload**

2. Please check Tender Fee and EMD to be paid online before proceeding further.  
3. Once confirmed, click 'Pay online'

1. Check the Exemption details corresponding to BG and Edit if required

**BID MANAGEMENT**

Offline/OnLine Payment Confirmation

Organization Chain : NIC||NIC Contracts  
Tender Reference Number : PW3/23401/18  
Tender ID : 2018\_LSGD\_204397\_1  
Tender Title : PW3/23401/18 PRO.NO.604/18-19 DVN.30 VARIOUS LANES INTERLOCKING AND CONCRETING

**Bid Payment Details**

S.No	Fee Type	Actual Fee	Exempted Fee	Fee To Be Paid
1	Tender Fee	2,950.00 (INR)	0.00	2,950.00 (INR)
2	Emd Fee	12,50,000.00 (INR)	12,50,000.00	0.00 (INR)

**Portal Alert :**

- Beyond this stage, you will not be able to edit Fee or Exemption details.
- Please confirm that the exemption and amount to be paid are correct.

I hereby confirm that the above payment details are correct.

Back Confirm to Pay

1. Please check Tender Fee and EMD to be paid online again. If there is any mistake, click on 'Back' to correct the same. Once confirmed, click 'Pay online'

2. **Warning:** By Clicking on the "Confirm to Pay" button, system will redirect to SBI MOPS payment Gateway page and bidder cannot modify/change the payment to be made online under any circumstances. Please Click on 'Confirm to Pay' button only if all details are correct.

**OnLine Payment Gateway**

Organization Chain : NIC||NIC Contracts  
Tender Reference Number : PW3/23401/18  
Tender ID : 2018\_LSGD\_204397\_1  
Tender Title : PW3/23401/18 PRO.NO.604/18-19 DVN.30 VARIOUS LANES INTERLOCKING AND CONCRETING

Bid Payment Details			
Fee Type	Actual Fee	Exempted Fee	Fee To be Paid
Tender Fee	2,950.00	0.00	2,950.00
Emd Fee	12,50,000.00	12,50,000.00	0.00
Total Fee			2,950.00

Choose Payment Option

SBI MOPS

Selected Payment Gateway is SBI MOPS

Click here to proceed

Back Submit

**BID MANAGEMENT**

**OnLine Payment Gateway**

Payment Verification

Organization Chain : NIC||NIC Contracts  
Tender Reference Number : PW3/23401/18  
Tender ID : 2018\_LSGD\_204397\_1  
Tender Title : PW3/23401/18 PRO.NO.604/18-19 DVN.30 VARIOUS LANES INTERLOCKING AND CONCRETING

Pay Model : SBI MOPS

✓ **Terms And Conditions.**

- You are being redirected to the SBI MOPS site.
- You have to complete the transaction with in the session time which is approximately 15 minutes.
- Money once transferred towards tender fee shall not be refunded at any point of time. This is applicable even in case you have not completed the tender process.
- Once payment is successfully completed, you will be automatically redirected back to e-Procurement site.
- It is the responsibility of the Individual to ensure that the payment is successfully completed and eProcurement system is not responsible for any malfunctions in the Bank payment gateway.
- please take print screen for bank acknowledgement page.

Back Submit

Read all the Terms & Condition of SBI MOPS and click on "Submit"

The screenshot shows the SBI Online payment system interface. At the top, it says "STATE BANK MULTI OPTION PAYMENT SYSTEM" and "Please Select Appropriate Card Type To Avoid". Below this, there are three main sections: "Net Banking", "Card Payments", and "Other Payments Modes".

- Net Banking:** This section has two options: "SBI" with "Bank Charges: 132.5" and "Click Here", and "Other Banks" with "Bank Charges: 132.5" and "Click Here".
- Card Payments:** This section is currently empty.
- Other Payments Modes:** This section has one option: "NEFT/RTGS" with "Bank Charges: 133.0" and "Click Here".

Three callout boxes provide additional information:

1. SBI Account Holders – Only for SBI account holders having Internet banking facility.
2. Other banks – For other bank account holders having Internet banking facility with their account.
3. Payment through NEFT/RTGS–For bidder who wants to pay through Challan mode.

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*For detailed payment procedure using the selected mode, please refer to the corresponding payment process as mentioned in the relevant section of this document.*