

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

Central Procurement Group-I, Raipur

INVITATION FOR BIDS (IFB)

(DOMESTIC COMPETITIVE BIDDING)

**SUPPLY & INSTLLATION OF REAL TIME INFLOW & FLOOD
WARNING SYSTEM FOR NTPC KOLDAM (RTIFWS)**

Tender Ref: NTPC/USSC-CPG1/ 9900298573

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 work comprises of

**SUPPLY & INSTLLATION OF REAL TIME INFLOW & FLOOD
WARNING SYSTEM FOR NTPC KOLDAM (RTIFWS)**

The scope of work shall comprise, but not limited to the supply, erection, testing and inspection of equipment's and materials at manufacturer's works, packing, supply, transportation, transit insurance, delivery to site, unloading, storage and equipment erection including associated civil and structural works, if any.

NTPC intends to finance the 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 e-tender portal
Document sale Commencement Date	As per e-tender portal
Pre-bid Conference	As per e-tender portal. Pre bid conference shall be done through team meeting at the following link.
https://teams.microsoft.com/join/19%3ameeting_NDFiYjRiZmQtNjFIMS00MzdhlWI3ZTctZTZkOTAxYzZiNWJI%40thead.v2/0?context=%7b%22id%22%3a%222c631f90-6a65-4bb3-a626-c0f6f5790a9a%22%2c%22oid%22%3a%22942b4782-9fb4-4a5d-b793-7d6f5a94d698%22%7d	
Last date for receipt of queries from bidders	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.
EMD/Bid Security	Rs. 10,00,000/-

Tender Fee	Rs. 5310/-
MSE Exemption	Not Applicable

“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.

- 4.0** All bids must be accompanied by Bid Security in the form as stipulated in the Bidding documents. Option for Online payment of tender fee is also made available at GepNIC/e tender portal. Bidders are requested to please avail the facility.

For details, please refer Clause 14 of Section II Bid Data Sheets (BDS)

Payment of EMD and Tender fee is not exempted in this tender. Bids without adequate Bid Security and Tender fee, as per tender provisions, shall be outrightly rejected.

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 only through online payment of bid security amount applicable for this tender OR through Bank Guarantee of appropriate value in accordance with the tender provisions.

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 reaches at the address mentioned below before the submission deadline as per tender provisions.

- 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: The Bidder shall furnish, as a part of his Bid an Earnest Money Deposit of amount ₹ 10,00,000/- (Rs. Ten Lakh only)

c) Integrity Pact: Not Applicable

Bank Guarantee for EMD/Performance Security is to be submitted as per following:

“The format of the Bank Guarantee shall be in accordance with the form of Bank Guarantee towards Bid Security/EMD/Performance security included in the Employer’s Bidding Documents only.

Bidder’s to specifically note that format of EMD BG should only be as per Form-1 specified vide Sec VIII Book 3 of 3 and EMD BG submitted in any other Format including GEM Standard Format shall be rejected for which NTPC shall not be responsible.

Any bid not accompanied by an acceptable bid security in a separate sealed envelope shall be rejected by the Employer as being non-responsive.

Bid Security shall be submitted in a sealed envelope separately in physical form by the stipulated bid submission closing date and time at the address given below.

ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY AND INTEGRITY PACT (If applicable) 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)/online payment, Bidder to submit the proof of e-payment of bid security either in separate sealed envelope or in the e-tendering portal.

- 6.0** A complete set of Bidding Document may be downloaded by any interested Bidder from <https://eprocurementpc.nic.in/nicgep/app>. 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:

7.1.0: Technical Criteria:

Route 1

7.1.1.1

Bidder should be a registered Indian Company and should have designed, supplied, installed and commissioned 'Flood Warning System/Flood Forecasting system/Early Flood Warning System' in any Hydro Electric Project comprising of 'river water level /river flow measurement', 'Command and Control System / SCADA' and 'communication 'either via VSAT or point to point wireless communication system either in 'India or Abroad', which should have been in operation in at least one project for a period of not less than one (1) year, prior to the date of opening of Techno-Commercial bid.

OR

7.1.1.2

In case any bidder who is a registered Indian Company but does not meet the requirement stipulated at Clause no: 7.1.1.1 above, can also qualify in association / collaboration with any other company who should have designed, supplied, installed and commissioned 'Flood Warning System/Flood Forecasting system/Early Flood Warning System' comprising of 'river water level /river flow measurement', 'Command and Control System' and 'communication' either via VSAT or point to point wireless communication system either in India or Abroad, which should have been in operation in at least one project for a period of not less than one (1) year, prior to the date of opening of Techno-Commercial bid.

In such case, Bidder and the associate/collaborator shall furnish, along with the bid, an undertaking jointly executed by him and the associate/collaborator for the successful performance of the contract jointly and severally as per the format enclosed in the bidding documents. This Deed of Joint Undertaking (DJU) shall be submitted along with the bid, failing which the bidder shall be disqualified and his bid shall be rejected. Further, in case of

award, the associate will be required to furnish an On-demand bank guarantee of value for 3% (three percent) of total Contract Price in addition to contract performance security to be provided by the bidder as per Employer's format.

Route-2

7.1.2.1 Bidder should be a registered Indian Company and should have designed, supplied, installed & commissioned an "Integrated System" which should have been in operation in at least one project for a period of not less than one (1) year prior to the date of opening of Techno-Commercial bid for a large establishment in India or Abroad viz. Power, Oil & Gas, Refinery, Atomic Energy and Space, Steel, Fertilizer, Chemical, Mine, Ordnance Factory, Defense, Seaport, Airport or in Smart City project (or City Surveillance or Safe City). The "Integrated System" in the reference project must be an integration of Command and Control System and any one (1) of the following Four (4) sub-systems as a minimum: 1. VSAT or point to point wireless communication 2. Environmental sensor solution 3. Geographic Information System 4. Radar Based measurement and monitoring system.

Notes for 7.1.0: Technical Criteria

1. a) Command and control System mean Command and Control Centre/ Master Control Centre / Central Control Room which includes integration, monitoring & control of subsystems as indicated in above routes over an Information and Communication Technology (ICT) platform.

b) Point to Point Wireless Communication means RF based communication or GSM / GPRS or Private LTE or Lora WAN.

7.2.1 Financial Criteria:

7.2.1.1 The Average Annual Turnover of the Bidder should not be less than Rs. 865 Lacs (Rupees Eight Hundred & sixty-five lacs only) during the preceding three (3) completed financial years as on the date of Techno-Commercial bid opening.

7.2.1.2 The Net Worth of the bidder as on the last day of the preceding financial year (reckoned on the date of techno-commercial bid opening) should not be less than 100% of the Bidder's paid-up share capital. 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) = $(X1+X2+X3) / (Y1+Y2+Y3) \times 100$

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.

7.2.1.3 In case the bidder does not satisfy the financial criteria, stipulated at Cl. 7.2.1.1 above on its own, its Holding Company would be required to meet the stipulated turnover requirements at Cl. 7.2.1.1 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.

7.2.1.4 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.

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

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.

7.2.1.5 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.

7.2.2 FINANCIAL CRITERIA FOR COLLABORATOR/ ASSOCIATE OF BIDDER (in case of Bidder participating through Technical Criteria 7.1.0, Route-1 clause 7.1.1.2)

7.2.2.1 The average annual turnover of the Collaborator/Associates should not be less than **Rs 87 lacs (Rupees Eighty-seven lacs only)** during the preceding three (3) completed financial years as on the date of Techno-commercial bid opening.

7.2.2.2 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 7.2.2.1 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 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.

7.2.2.3 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.

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

- i) 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.
- ii) A Certificate from the CEO/CFO of the Holding Company, as per the format enclosed with the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statements of the Holding Company of Collaborator/Associate.

7.2.2.5 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, Collaborator/ Associate 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. 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 7.2.1& 7.2.2:

1. Other income shall not be considered for arriving at annual turnover.
2. "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act of India, in vogue.
3. Net worth means the sum total of the paid up share capital and free reserves. Free reserve means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further, any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.

8.0 **Class-I & Class II 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."

NOTE:

Bidders are requested to give acceptance of being **Class-I & Class II Local Supplier (Minimum Local Content equal to or more than 20%)** by accepting the GTE & declaration in Bid Form. By accepting the MLC provision of GTE it will be considered that:

“Bidder is 'Class-I & Class II local supplier’ and is meeting the MLC requirement stipulated in Annexure-I 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.

Further, any bidder (including bidder from India) having specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India, will be eligible to bid only if the bidder is registered with the same competent authority.

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, Chhattisgarh - 492018
Email: cpsingh@ntpc.co.in / gauravsaraswat@ntpc.co.in

Phone: 0771-2515455

Websites: <https://eprocurementpc.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
Tenders

NTPC Limited eProcurement Portal

Tender Details

A Maharatna Company

Date : 05-Mar-2025 11:47 AM

Print

Basic Details

Organisation Chain	NTPC Limited Corporate Centre USSC CPG-1		
Tender Reference Number	NTPC/USSC-CPG1/9900298573		
Tender ID	2025_NTPC_95175_1	Withdrawal Allowed	Yes
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

Online Bankers	S.No	Bank Name
	1	SBI Bank

Cover Details, No. Of Covers - 3

Cover No	Cover	Document Type	Description
1	Fee	.pdf	Tender Fee Details
		.pdf	EMD Details
		.pdf	DJU (If Applicable)
2	PreQual/Technical	.pdf	Technical details and attachments
		.pdf	Attachment-3A
		.pdf	Technical QR Documents
		.pdf	Financial QR Documents and balance Sheets
		.pdf	TPIA/ISA Undertaking
		.pdf	Power of Attorney
3	Finance	.xls	Price Bid

Tender Fee Details, [Total Fee in ₹ * - 5,310]

Tender Fee in ₹	5,310		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	10,00,000	EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil
BG Required	Yes		
Minimum Direct EMD Payment in ₹	0.00		

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Work /Item(s)					
Title	SUPPLY and INSTLLATION OF REAL TIME INFLOW and FLOOD WARNING SYSTEM FOR NTPC				
Work Description	SUPPLY and INSTLLATION OF REAL TIME INFLOW and FLOOD WARNING SYSTEM FOR NTPC KOLDAM (RTIFWS)				
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)	120	Period Of Work(Days)	180
Location	Western Region Head QuartersII Plot No. -87, Secto	Pincode	492018	Pre Bid Meeting Place	MS Teams Meeting
Pre Bid Meeting Address	As per NIT details	Pre Bid Meeting Date	18-Mar-2025 11:00 AM	Bid Opening Place	Western Region Head QuartersII
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates			
Publish Date	05-Mar-2025 12:00 PM	Bid Opening Date	28-Mar-2025 03:00 PM
Document Download / Sale Start Date	05-Mar-2025 12:00 PM	Document Download / Sale End Date	26-Mar-2025 03:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	05-Mar-2025 05:00 PM	Bid Submission End Date	26-Mar-2025 03:00 PM

Tender Documents				
NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	NIT/IFB	544.28
Work Item Documents	S.No	Document Type	Document Name	Description
	1	BOQ	BOQ_98394.xls	BOQ for Price Bid
	2	Tender Documents	Bid_Document.rar	Tender_Documents
				Document Size (in KB)
				315.00
				16339.63

View GTE Details - SERVICE GTE (OT-SINGLE STAGE-MLC)			
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 Qualifying Requirements	Yes	Yes
6.0	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.	rishikshukla@ntpc.co.in	RISHI KUMAR SHUKLA	RISHI KUMAR SHUKLA
2.	ajaykumarshivhare@ntpc.co.in	AJAY SHIVHARE	AJAY KUMAR SHIVHARE
3.	anandshanker@ntpc.co.in	ANAND SHANKER	ANAND SHANKER
4.	cpsingh@ntpc.co.in	Chandra Prakash Singh	CHANDRA PRAKASH SINGH

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	No
Show Finance bid status	Yes	Stage to disclose Bid Details in Public Domain	Technical Bid Opening
BoQ Comparative Chart model	Normal	BoQ Comparative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

TIA Undertaking

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	PPP-MII Order 2017	Agree	Applicable
2	MSEs Order 2012	Not Agree	Not Applicable

Tender Inviting Authority

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

Tender Creator Details

Created By	Chandra Prakash Singh
Designation	DGM
Created Date	05-Mar-2025 10:43 AM