

NTPC LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

Central Procurement Group-I, Raipur

INVITATION FOR BIDS (IFB)

(DOMESTIC COMPETITIVE BIDDING)

FOR

**Supply, Installation and Commissioning of Early Warning System for NTPC
Rammam project**

Tender Ref: **NTPC/USSC-CPG1/1708**

NIT No. : 9900252103

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 the activities and services mentioned in scope of work and as per “Technical Specification/BOQ” for “**Supply, Installation and Commissioning of Early Warning System for NTPC Rammam project**”.

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 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://eprocurementpc.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. 2655/-
EMD/Bid Security	Rs 5,00,000/-
Integrity Pact	Not Applicable
MSE Benefit	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://eprocurementpc.nic.in> only.

4.0 Bidder has to ensure the following documents to be submitted online / offline, 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/Bid Security of amount ₹ 5,00,000/- (Rs. Five Lakhs only)
- c) Integrity Pact : Not Applicable;
- d) Deed of Joint Undertaking (if applicable) : Original DJU in Physical form to be submitted as per Form-13 (Section VII, part 3 of 3)

Any bid not accompanied by Bid security, Tender fee and ~~Integrity pact (if applicable)~~, Deed of Joint Undertaking (if applicable) shall be rejected by the Employer as being non-responsive and shall be rejected without being opened.

Any bid not accompanied by an acceptable bid security in a Separate sealed envelope (only in case where bid security is submitted through BG) 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.

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)

On 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 are advised NOT to upload MSE/other document for availing exemption. 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 above before the submission deadline as per tender provisions.

5.0 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.

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

Route 1

6.1.1 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

6.1.2 In case any bidder who is a registered Indian Company but does not meet the requirement stipulated at Clause no: 6.1.1 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

6.2.1 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, Sea port, 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 6.1: 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.

6.3 Financial Criteria:

6.3.1. The Average Annual Turnover of the Bidder, should not be less than **Rs.158 Lacs (Rupees One Hundred fifty eight lacs only)** during the preceding three (3) completed financial years as on the date of Techno-Commercial bid opening.

6.3.2 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:

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

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.

6.3.3 In case the bidder does not satisfy the financial criteria, stipulated at Cl. 6.3.1 above on its own, its Holding Company would be required to meet the stipulated turnover requirements at Cl. 6.3.1 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 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.

6.3.4 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.

6.3.5 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.

Notes for 6.3:

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.

"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).

6 ~~'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."

NOTE:

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.

7 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.

- 8 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.
- 9 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.
- 10 Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.

11 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

12 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 : 18-Jan-2023 12:54 PM



Basic Details

Organisation Chain	NTPC Limited Corporate Centre USSC CPG-1		
Tender Reference Number	NTPC/USSC-CPG1/9900252103		
Tender ID	2023_NTPC_73200_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

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	Deed of Joint Undertaking (if applicable)
2	PreQual/Technical	.pdf	Technical / QR Details
		.pdf	Attachment 3A
		.pdf	Power of Attorney
		.pdf	Declaration of local content
3	Finance	.xls	BOQ

Tender Fee Details, [Total Fee in ₹ * - 2,655]

Tender Fee in ₹	2,655		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	5,00,000	EMD through BG/ST or EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

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Work /Item(s)

Title	Supply Installation and Commissioning of Early Warning System for NTPC
Work Description	Supply Installation and Commissioning of Early Warning System for NTPCRammam project
Pre Qualification Details	As per tender documents
	NA

Independent External Monitor/Remarks					
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	0.00	Product Category	Miscellaneous Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work (Days)	2070
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	18-Jan-2023 01:00 PM	Bid Opening Date	10-Feb-2023 03:00 PM
Document Download / Sale Start Date	18-Jan-2023 01:00 PM	Document Download / Sale End Date	08-Feb-2023 03:00 PM
Clarification Start Date	18-Jan-2023 01:00 PM	Clarification End Date	31-Jan-2023 05:00 PM
Bid Submission Start Date	25-Jan-2023 09:00 AM	Bid Submission End Date	08-Feb-2023 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	NIT	396.83

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	Biddoc.rar	Tender Document	16241.99
	2	BOQ	BOQ_76365.xls	BOQ	310.00
	3	Additional Documents	Attachment26Localcontent.pdf	Attach 26 Declaration of local content	162.59

View GTE Details

S.No	Particulars	Expected Value	Mandatory
1.0	Do you accept NTPC Safety Rules	Yes	Yes
2.0	Do you accept the Fraud Prevention Policy of NTPC	Yes	Yes
3.0	Do you accept Withholding and Banning of Business Dealing Policy of NTPC	Yes	Yes
4.0	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
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.	srikark@ntpc.co.in	J.V.R.Srikar Kale	JAYA VENU RAGAVA SRIKAR KALE

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	18-Jan-2023 11:58 AM