

NTPC LIMITED
(A Government of India Enterprise)



**CENTRAL PROCUREMENT GROUP
(CPG-01)
(CONTRACTS AND MATERIALS DEPARTMENT)
CONTRACTS SECTION**

SECTION – I

**INVITATION FOR BIDS (IFB)/NOTICE INVITING TENDER
(NIT)**

INVITATION FOR BIDS (IFB)

A. NTPC Limited,– Central procurement group - 1 invites bids on DCB (Domestic Competitive Bidding) basis through Single Stage Two Envelope bidding (Envelope-I: Techno-Commercial Bid & Envelope-II: Price Bid) from eligible bidders for the contract with following details:

S.No	Particulars	Details
1.	Name of the Package	Flood Warning System for TVHPP.
2.	Project Manager	HOP (NTPC Ltd- TVHPP)
3.	Address of the Employer & Location of Contract	Tapovan Vishnugad Hydroelectric Power Project (TVHPP) near Joshimath in Chamoli District of Uttarakhand as a run-of-the-river project on river Dhauliganga.
4.	Qualifying Requirements	As mentioned in Annexure-1 to IFB (Page 6,7,8 below)
5.	Whether Joint Venture/Consortium Permitted?	NO
6.	Whether Associate/Collaborator permitted?	YES
7.	Brief Scope of Work	FLOOD WARNING SYSTEM FOR TVHPP Details as specified in Tender Documents.
8.	Category of contract	Works contract
9.	Completion Period/ Duration of Contract	4 Months for Execution +2 Years for Defect Liability Period + 3 Years annual maintenance period (Total-64 Months)
10.	Defect Liability Period	The Contractor shall provide an unlimited warranty for all the systems / equipment / devices and software provided as part of the FWS for a period of Two (2) years from the date of successful commissioning of the complete system and taking over by the Employer. Minimum One (1) expert manpower shall be deputed at site on 24X7 basis during the DL period.
11.	Terms & Procedures of Payment	As Specified at Clause 21.03.00 under Technical Specifications (Sec VI)
12.	Bid submission end date/Bid opening Date/Last date for Clarifications	As per the dates mentioned in Tender Details of eProcurement Portal.
13.	PDI (Pre- Dispatch inspection)	APPLICABLE. (As per approved quality plan) Please refer clause 06.02.06 and clause 21.04.00 Sec VI Technical Specification. Reference QP's are attached in Sec VI.
14.	Price Bid	The Bidder shall quote Rate along with applicable GST for each item in the relevant field of BOQ sheet (Price Bid). The BOQ (Excel Sheet) template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns. If agency does not mention any GST rate, it will be treated that GST is inclusive in the quoted Basic Rate. Evaluation shall be done on the total bid price inclusive of GST by considering the GST rates quoted by the bidder in the Price

		<p>Bid. In case the bidder is exempted from GST, bidder has to produce valid Exemption Document. If not produced, it will be treated that GST is inclusive in the quoted Basic Rate. The bidders shall quote for all items in the BOQ, If any of the items are not quoted, it shall be considered that rate of that particular item/s which is not quoted is included in the rates of other items and the bidder shall supply item/ spares/ execute the work/ conduct the test as the case may be.</p> <p>Evaluation shall be done on total price including GST quoted by the bidder.</p> <p>The minimum Percentage of Amount Linked to Safety Aspects shall be 2% (Please refer Clause 16 of SCC and other relevant provisions)</p>
15.	Required Documents	<p>Along with other documents indicated in tender which includes QR credentials, following documents shall be Signed/ digitally signed and Uploaded in the prescribed cover during submission of bid.</p> <ul style="list-style-type: none"> ▪ Integrity Pact – Applicable (Mandatory) ▪ Deed of Joint Undertaking – Applicable (Under route 1.1.2 as per annexure-I as below). ▪ Power of Attorney – Applicable ▪ Attachment -11 Applicable (Mandatory) <p>Note : Bidder to note that bid can be submitted digitally signed by only one person. The Power of Attorney must be in the name of person digitally signing the bids.</p>
16.	Tender Fee & EMD	<p>Tender Fee Amount (INR): 7,965/- (Rupees Seven Thousand Nine Hundred Sixty Five Only) Through Online mode only</p> <p>EMD Amount: NIL</p> <p>Bidders shall accept GTE for Bid Security Declaration on the tendering Portal.</p> <p>Acceptance of above GTE on the Tendering Portal is considered as Bidders' confirmation to the following conditions:</p> <ol style="list-style-type: none"> 1. In case bidder withdraw their offer within the validity period of the offer provided in the bidding documents or any extension thereof, then they shall be treated as ineligible for participation in the future tenders issued from NTPC for a period of 06 months from the date of withdrawal of the bid. 2. In addition to that in case after having been issued the Notification of Award/Purchase Order of a package, if the bidder either do not accept the Notification of Award/Purchase Order or do not sign the Contract or do

		not submit an acceptable Performance Security as per bidding documents provision, and which result in tender being annulled then they shall be treated ineligible for participation in retendering of this particular package and contractual action may be taken against them as per the provisions of the Bidding documents. Further, NTPC shall also be free to take further actions as per the provisions of the policy for Withholding and Banning of Business Dealings
17.	Price Basis	FIRM Price basis. As Specified at Appendix 2 (PRICE ADJUSTMENT) to the Contract Agreement (Section VII Part 3 of 3)
18.	Order Placement	On Single Agency. (In this particular case, splitting of quantity is not possible).
19.	Evaluation of Bids	Evaluation shall be on Lump Sum Basis . NTPC shall allow purchase preference, as indicated in the Annexure-II to BDS (Section-III). The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.
20.	MSE Benefits	Not Applicable
21.	Preference to Class-I local suppliers	<p>Both Class-I local suppliers and Class-II suppliers are eligible to participate in the tender. (Duly filled attachment 11 shall be submitted in Fee Folder)</p> <p>'Class-I local supplier' shall get purchase preference over 'Class-II local supplier', as per following procedure:</p> <ul style="list-style-type: none"> • Among all qualified bids and substantially responsive bids, the lowest evaluated bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1. • If L1 is not 'Class-I local supplier', the lowest evaluated bidder among the 'Class-I local supplier', will be invited to match the lowest evaluated bid (L1) price subject to Class-I local supplier's evaluated price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the lowest evaluated bid (L1) price. • In case such lowest eligible 'Class-I local supplier' fails to match the lowest evaluated bid (L1) price, the 'Class-I local supplier' with the next higher evaluated bid within the margin of purchase preference shall be invited to match the lowest evaluated bid (L1) price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local supplier' within the margin of purchase preference matches the lowest evaluated bid (L1) price, the contract may be awarded to the L1 bidder. <p>(iii) "Class-II local supplier" will not get purchase preference in any procurement.</p> <p>(iv) For the purpose of matching of lowest evaluated bid (L1)</p>

		<p>price, the Class-I local supplier would have to necessarily reduce all components of the quoted price on pro-rata basis. The reduction should not apply on the evaluation loading on account of functional guarantees and other loadings (if any, which are not dependent on quoted price). Further, the Contract shall be awarded on such revised/ reduced quoted price. The summation of the revised / reduced quoted price and the evaluation loading on account of functional guarantees and other loadings (if any) shall be equal to the lowest evaluated bid (L1) price.</p> <ul style="list-style-type: none"> The local content requirement to categorize a Bidder/Supplier as 'Class-I local supplier' is minimum 50%. For 'Class-II local supplier', the 'local content' requirement is minimum 20%. 	
22.	Employer's Beneficiary Bank Details for Tender Fee & EMD (if applicable).	Bank Name	Online Payment Mode is available in tendering website
		IFSC code	
		Branch	
		Bank Address	
		E-mail ID	

- B.** A Complete set of bidding Document may be downloaded by any interested Bidder directly through NTPC **eProcurement Portal**, <https://eprocurementpc.nic.in>.
- C.** 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.
- D.** Issuance of Bidding Documents to any bidder shall not construe that bidder is considered qualified.
- E.** NTPC reserves the right to reject any or all bids or cancel / withdraw the Invitation for Bids (IFB) without assigning any reason whatsoever and in such case no bidder / intending bidder shall have any claim arising out of such action.

F. ADDRESS FOR COMMUNICATION

DGM/AGM (Contracts & Materials)

NTPC LTD , WESTERN REGION-II HEAD QUARTER, PLOT NO. -87,
SECTOR-24, ATAL NAGAR, NAVA RAIPUR, CHHATTISGARH , PIN CODE: 492018
Contact Details: 0771-2515397

Email: anandmgupta@ntpc.co.in/ rajeevkumar01@ntpc.co.in

Websites: <https://eprocurementpc.nic.in/nicgep/app> (or) www.ntpctender.com (or) www.ntpc.co.in

G. 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

Qualifying Requirements

In addition to satisfactory fulfilment of the Qualifying requirements stipulated in Section – ITB (Instructions to Bidders) of Bid documents, the following shall also apply:

1.0	TECHNICAL CRITERIA
1.1	<p>1.1.0 Route-1</p> <p>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 successful 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.</p> <p>OR</p> <p>1.1.2 In case any bidder who is a registered Indian Company but does not meet the requirement stipulated at Clause no: 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 successful 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.</p> <p>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.</p>
1.2	<p>1.2.0 Route-2</p> <p>Bidder should be a registered Indian Company and should have designed, supplied, installed & commissioned an “Integrated System” which should have been in successful 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</p>

	<p>“Integrated System” in the reference project must be an integration of Command-and Control System and anyone (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</p>
	<p>Notes on Technical Criteria</p>
	<p>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.</p> <p>b) Point to Point Wireless Communication means RF based communication or GSM / GPRS or Private LTE or Lora WAN.</p>
2.0	FINANCIAL CRITERIA
2.1	<p>The Average Annual Financial Turnover (AATO) of the bidder during preceding three (03) consecutive financial years as on the date of techno- commercial bid opening should not be less than Rs. 18.56 Crores (INR Eighteen Crores and Fifty Six Lakhs only).</p>
	<p>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, 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 requested 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 & irrevocable financial support for the execution of the Contract by the Bidder in case of award.</p>
2.2	<p>Net worth of the Bidder should not be less than 100% (hundred percent) of its paid up share capital as on the last day of the preceding Financial year reckoned from the date of Techno-commercial bid opening.</p> <p>In case the Bidder does not meet the Net worth criteria on its own, it can meet the requirements of Net worth based on the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of the Holding Companies, wherever applicable. In such a case, however the Net worth of the Bidder and its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of the Holding Companies, 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.</p>
	<p>Net worth in combined manner shall be calculated as follows:</p> <p>Net worth (combined)= [(X1+ X2 +X3) / (Y1 +Y2+Y3)] X 100 Where X1, X2, X3 are individual Net worth which should not be less than 75% (Seventy five percentage) of the respective paid-up share capitals and Y1, Y2, Y3 are individual paid up share capitals.</p>
2.3	<p>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:</p>

	<ul style="list-style-type: none"> i) Copies of the unaudited unconsolidated financial statements of the bidder along with copies of the audited consolidated financial statements of the Holding Company. ii) 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.
	<p>In cases where audited results for the last financial year as on the date of Techno commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, Bidder is not able to submit the certificate from practicing Chartered Accountant certifying its financial parameters, the audited results for the three (03) consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters. Further, a certificate would be required from CEO/CFO as per the format enclosed in the bidding document 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 financial parameters is not available.</p>
NOTES:	
	<p>Notes for Clause 2.0 above:</p> <ul style="list-style-type: none"> (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 figures. (iii) “Holding Company” and “Subsidiary Company” shall have the meaning ascribed to them as per Companies Act of India

The Bidder shall visit all the sites / locations identified for installation of the FWS before submission of the Bid so as to assess the available facilities / infrastructure, site conditions, etc. and propose appropriate arrangements for installation of the sensors, power supply and communication systems, etc. An undertaking in this regard shall be submitted along with Bid documents, failing which the Bid is liable to be rejected.