

INVITATION FOR BID

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

(CORPORATE CONTRACTS, NOIDA)

INVITATION FOR BIDS (IFB)

FOR

CONSTRUCTION OF ADDITIONAL RAW WATER RESERVOIR PACKAGE

FOR

KHARGONE SUPER THERMAL POWER PROJECT (2X660 MW)

**LOCATED AT DISTRICT KHARGONE, STATE OF MADHYA PRADESH, INDIA
(Domestic Competitive Bidding)**

IFB No.: 2022_NTPC_70198_1

Date: 19.10.2022

Bid Document No: CS-9578-319-9

1.0 NTPC invites online bids on **Single Stage Two Envelope Basis (i.e. Envelope-I : Techno-Commercial Bid and Envelope-II: Price Bid)** for Construction of Additional Raw Water Reservoir for Khargone Super Thermal Power Project (2 X 660 MW) located at District Khargone, State of Madhya Pradesh, India, as per the brief Scope of Work mentioned hereinafter.

2.0 **BRIEF SCOPE OF WORK**

The broad scope of the package includes complete Civil, Structural and Architectural works associated with the following:

- (a) Raw water reservoir including providing inlet & outlet pipes arrangement, spill way, sluice gate, approach ramp, roads, fencing etc.
- (b) Raw water Pump House (closed Raw water pump house is envisaged)
- (c) Switchgear room, Control room, Transformer foundation, trenches, fencing, earth mats etc. near reservoir for Raw water Pump house.
- (d) Culverts/Pedestals across drains/roads crossing etc. for Raw water pipes.
- (e) Diversion of existing drain which is presently crossing the proposed reservoir site.
- (f) Pumping and Piping System including all the associated Mechanical, Electrical and C&I works for providing interconnection with existing reservoir.

The detailed scope and description of work covered under this package has been specified in relevant clauses of Part-A of Technical specifications.

3.0 NTPC intends to finance the subject package through ECB/Own Resources.

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- 4.0 Detailed specification, scope of work and terms & conditions are given in the bidding documents, schedule for sale of bidding documents and opening of bids is under:

Issuance of Invitation for Bids (IFB)	19.10.2022
Bidding Documents Sale Start Date	19.10.2022
Last date for receipt of queries from bidders (if any)	02.11.2022 till 1700hrs (IST)
Pre-Bid Conference	Not Applicable
Last date for receipt of Techno-Commercial bid (Envelope-I) and Price bid (Envelope-II)	14.11.2022 up to 1430 Hrs. (IST)
Techno-Commercial bid (Envelope-I) opening Date & Time	15.11.2022 at 1500 Hrs. (IST)
Cost of Bidding Document	INR 9000/- (Rupees Nine Thousand only)

Date for opening of Price Bid (Envelope-II) shall be intimated separately after opening of Techno-Commercial Bid (Envelope-I).

- 5.0 All bids must be accompanied by Bid Security for an amount of **INR 1,00,00,000/- (Indian Rupees One Crores Only)** in the form as stipulated in the 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.

- 5.1 **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.**
- 5.2 **'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.'**

- 6.0 **BENEFITS / EXEMPTIONS TO SUPPLIES FOR MEGA POWER PROJECTS**

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Ministry of Power (Govt. of India) has certified that Khargone Super Thermal Power Project (2 X 660 MW) fulfills the laid down criteria for Mega Power Project. Accordingly, benefits / exemptions as per relevant Notification of Govt. of India, as applicable for Mega Power Projects shall be available.

7.0 Qualifying Requirements for Bidders (QR):

In addition to the satisfactory fulfillment of the requirements stipulated under Section Instructions to Bidders (ITB), the following shall also apply:

7.1.0.0 Technical Criteria for qualification:

7.1.1.0 Bidder should have executed the following works within the preceding seven (7) years reckoned as on the date of Techno-Commercial bid opening:

7.1.1.1 At least one earthen dam work or reservoir embankment work or ash dyke work of maximum height not less than **3.4 m**, in one contract and,

7.1.1.2 A cumulative progress of at least **84000** Cu.M of earthwork in earthen dam work or reservoir embankment work or ash dyke work or canal embankment work in any one (1) year period, in one (1) or maximum two (2) concurrently running contracts, and

7.1.1.3 Concreting of 9250 cum in any one (1) year period in one (1) or maximum two (2) concurrently running contracts

Notes: The following notes (a to j) explain in detail the intention of various terms in qualifying requirements:

- a) Earth dams, reservoir embankments and ash dykes, which are designed as water retaining structures, shall be qualified for this work. However, canal embankments, guide bunds along water courses shall be considered for qualification under clause 7.1.1.2 only. All other types of earth works such as road embankments, railway embankments, site leveling works etc. shall not be qualified.
- b) Sand / substitute filter media as filter either in chimney or in blanket or both; used in embankment shall be considered in earthwork quantity calculations. Rock toe shall not be considered.
- c) For dam/reservoir embankments/dyke, the height and quantities shall be considered above formation level upto the top of dam/reservoir embankments/dyke for qualifying requirements purpose. However, in case of ash dyke raising works, for both inward/upstream & outward/center line methods, the height of dyke shall be considered from the stripped level of ash inside the lagoon for qualifying requirement purpose.

Formation level means bottom of stripped level for the dam/reservoir embankments/dyke formation. The earth work in cut off trench (COT) shall be included for quantity estimation for qualifying requirement under clause 7.1.1.2. However, the depth of COT shall not be considered for the height calculation for qualifying requirement under clause 7.1.1.1.

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- d)** Wherever the earthen dams, reservoir embankments and ash dykes are constructed in different contracts, the height applicable to individual contract only and not the cumulative effect shall be considered for the purpose of determining compliance of clause 7.1.1.1. For example where the contract is for raising the embankment, only the raising portion shall be considered and not the earlier starter dyke.
- e)** In clause 7.1.1.0 above, the word “executed” means the Bidder should have achieved the criteria specified in the qualifying requirements within the preceding seven (7) year period even if the contract has been started earlier and /or is not completed / closed.
- f)** In clause 7.1.1.1 above, Bidder should have constructed full 3.4 Meter height of embankment work specified in the qualifying requirements, within the preceding seven (7) years period, even if the contract has been started earlier and/or is not completed /closed.
- g)** The “one (1) year period” means any continuous 12 months period. However, for two (2) concurrent works the same 12 months period shall be considered.
- h)** In case of works stipulated in 7.1.1.2 above the word “earthwork” shall mean earth /ash. The quantity of earth work in filling only will be considered for qualification.
- i)** Reference works executed by the Bidder, as a member of Joint Venture / Consortium/ Associate can also be considered provided:

The allocation of scope of work between the partners of the Joint Venture / Consortium/ Associate is clearly defined in the executed Joint Venture agreement/ Consortium Agreement/ Deed of Joint Undertaking and Bidder’s scope of work and break-up of quantities executed by them as individual contribution in the Joint Venture / Consortium/ Associate, duly authenticated by the Project Authority, meet the relevant provisions of the qualifying requirement.

In case the reference work has been executed by the Bidder in an integrated Joint Venture wherein allocation of scope of work and break-up of quantities between the partners is not clearly specified in the integrated Joint Venture Agreement, then for Clause 7.1.1.2 above, the credit of executed quantities can be claimed by the bidder in the ratio of bidder’s share in the integrated Joint Venture Agreement, provided the bidder establishes that it regularly undertakes works as at Clause 7.1.1.2 above. The executed works/ quantities by integrated Joint Venture shall be duly authenticated by the Project Authority. However, the bidder shall not be eligible to claim the credit of executed work by integrated Joint Venture for Clause 7.1.1.1 above, unless the bidder has individually executed the work meeting the requirement of clause 7.1.1.1 above and which has been duly authenticated by the Project Authority.

- j)** Reference work executed by a Bidder as a sub-contractor may also be considered provided the certificate issued by main contractor is duly certified by Project Authority specifying the scope of work executed by the sub-contractor in support of qualifying requirements.

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7.2.0.0 Financial criteria:

- (a) The average annual turnover of the Bidder, should not be less than **Rs. 4327 Lacs (Indian Rupees Four Thousand Three Hundred Twenty Seven Lacs only)** during the preceding three (3) completed financial years as on date of Techno-Commercial bid opening.

In case a Bidder does not satisfy the annual turnover criteria stipulated above on its own, its Holding Company would be required to meet the stipulated turnover requirements as 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 Holding Company's Board Resolution, as per the format enclosed in bid documents, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

- (b) 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 does not satisfy 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 Subsidiary(ies) 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 and X3 are individual Net worth which should not be less than 75% of the respective paid up share capitals and Y1, Y2 and 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.
- (i) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.
- (ii) 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 Financial Statements of the company.

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 a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year

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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 7.2.0.0 ABOVE:

- (i) Net worth means the sum total of the paid up share capital and free reserves. Free reserves 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 Company" shall have the meaning ascribed to them as per Companies Act of India.

8.0 NTPC reserves the right to reject any or all bids or cancel/withdraw the Invitation for Bids without assigning any reason whatsoever and in such case no bidder / intending bidder shall have any claim arising out of such action.

9.0 A complete set of Bidding Documents may be downloaded by any interested Bidder from NTPC e-tender website <https://eprocurrentpc.nic.in>. **Tender Fee** towards the cost of bidding documents shall be submitted Online for an amount as indicated above.

For logging on to the e-Tender Site <https://eprocurrentpc.nic.in>, the bidder would require user ID, password and Class-III Digital Signature.

For downloading of bidding document, procedure for submission of bids, bidders may please refer to the link "Bidders Manual Kit" given on home page of NTPC's e-tender website <https://eprocurrentpc.nic.in>.

Issuance of bid documents to any bidder shall not construe that such bidder is considered to be qualified. Bids shall be submitted and opened at the address given below.

10.0 Address for communication:

AGM (CS) / Sr. Manager (CS)/ Manager (CS)
NTPC Limited,
Sixth Floor, Engineering Office Complex,
A-8A, Sector-24, NOIDA,
Distt. Gautam Budh Nagar, (UP), INDIA
Pin - 201301
Fax No.: 0091-120 – 2410295/ 2410011
Tel. No.: 0091-120 –4946605/6682
Email: gstrandhawa@ntpc.co.in; abhayanand@ntpc.co.in

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Websites: <https://eprocurrentpc.nic.in> or www.ntpctender.com or www.ntpc.co.in

Registered Office: NTPC Bhawan, SCOPE Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003, **CIN:** L40101DL1975GOI007966

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