

**NTPC GREEN ENERGY LIMITED**  
**(A wholly owned subsidiary of NTPC Ltd.)**



**(Contract Services)**  
**4th Floor, NETRA Building**  
**E-3, Ecotech-II, Udyog Vihar, Greater Noida**  
**Gautam Budh Nagar, Uttar Pradesh, India, Pin – 201306**

**INVITATION FOR BIDS (IFB)**

**For**

**MASTER PLANNING AND DETAILED ENGINEERING OF  
INFRASTRUCTURES FOR GREEN HYDROGEN HUB AT PUDIMADAKA,  
ANDHRA PRADESH**

**Name of the package: Master Planning and Detailed Engineering of Infrastructures for Green Hydrogen Hub at Pudimadaka, Andhra Pradesh**

**Date: 04.09.2024**

**Bidding Document No.: GEM/2024/B/5360174**

**1.0** NTPC Green Energy Limited (NGEL) invites online bids on **SINGLE STAGE TWO ENVELOPE BIDDING** basis from Eligible bidders for aforesaid Package, as per the Scope of Work mentioned in bidding documents.

**2.0 Details of tender**

2.1	BID NO	GEM/2024/B/5360174
2.2	Brief Scope of Work	The Brief Scope of Work of the subject package inter alia includes the consultancy services for Master Planning and Detailed Engineering of Infrastructures for Green Hydrogen Hub at Pudimadaka, Andhra Pradesh.  The detailed scope of work is as defined in the bidding document No.: <b>GEM/2024/B/5360174</b> .
2.3	Source of NIT	NTPC Green Energy Limited-Greater Noida
2.4	Contract Classification	Service contract.
2.5	Last Date and Time for Bid Submission	All the critical dates are as per GeM Portal.
2.6	Last Query Date	All the critical dates are as per GeM Portal.
2.7	Technical Bid Opening Date & Time	All the critical dates are as per GeM Portal.
2.8	Price Bid Opening Date & Time	Shall be auto intimated to qualified bidders after evaluation of Techno-Commercial Bid through GeM Portal
2.9 (a)	Tender Fee	Not Applicable at GeM Portal
2.9 (b)	Bid Security/EMD	<b>INR 1,00,000/- (One Lakhs Only)</b>
2.10	INTEGRITY PACT	Not Applicable.
2.11	EVALUATION CRITERIA	<b>QCBS (Quality cum Cost Based Selection) method.</b>  QCBS (Quality cum Cost Based Selection) method shall be used to evaluate the Consultancy proposals as mentioned under:  1. Engagement Specific Technical Score: 80%

		2. Financial Bid Score: 20 %  (Details as per Bidder Scoring Pattern in Scope of work)
2.12	Whether Joint Venture/ Consortium Permitted?	As per Qualifying Requirement
2.13	Whether Associate / Collaborator permitted ?	No
2.14	MSE Benefits in Award & EMD	Not Applicable.
2.15	Contract Period	<b>06 months from the date of Letter of Award (LOA) or as mentioned in the bidding documents.</b>
2.16	Reverse auction	Not Applicable
2.17	<p>First time users not allotted any vendor code are requested to approach NTPC Green Energy Limited and submit the following:</p> <p>a) For Creation of Vendor Code:</p> <p>i) Request letter on company's letter head of the bidder</p> <p>ii) Copy of GST Registration , PAN No.</p> <p>iii) valid E-mail-ID</p> <p>iv) Address Proof</p> <p>v) Cancel Cheque &amp; EFT Form(to be verified by bank)</p> <p>Note: Format of E.F.T(Electronic Fund Transfer) Form is attached along with tender document.</p>	
2.18	<p>All bids must be accompanied by Bid Security for an amount of INR 1,00,000/- (Indian Rupees One Lakh only) in the form as stipulated in the Bidding Documents.</p> <p><b>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 IN A SEPARATE SEALED ENVELOPE ONLY.</b></p> <p>(Bidders who are unable to send the Original Bank Guarantee in physical form at the tender opening location, may adopt procedure given in Bidding documents)</p>	
2.19	<p>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.</p>	

	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.
<b>3.0</b>	<b>QUALIFYING REQUIREMENTS FOR BIDDERS:</b>
	In addition to the requirements stipulated in Section ITB (Instruction to Bidders), Bidder should also meet the qualifying requirements stipulated hereunder in Clause 3.1 and Clause 3.2:
<b>3.1</b>	<b>TECHNICAL CRITERIA:</b> <b>The bidder should have completed the consultancy assignment of,</b>
3.1.1	<b>a. Master planning</b> of Industrial Parks/ Zones, Special Economic Zones, Cities/ towns, and should have completed project(s) as below, in any one or more of the above sectors during the last Ten years, <ul style="list-style-type: none"> <li>i. At least one project of size not less than 500 acres. or</li> <li>ii. At least two projects of size not less than 300 acres each. or</li> <li>iii. At least three projects of size not less than 200 acres each. or</li> <li>iv. At least five projects of size not less than 100 acres each</li> </ul>
3.1.2	<b>b. Detailed Engineering</b> with the scope of work for the manufacturing buildings / RCC framed Industrial buildings, roads and drainage network, water system, electrical infrastructure, residential facilities and associated supporting system, and STP/ETP during the last Ten years. The reference project(s) should include, <ul style="list-style-type: none"> <li>i. At least one project of size of layout not less than 100 acres. or</li> <li>ii. At least two projects of size of layout not less than 50 acres each. or</li> <li>iii. Cumulative <b>built-up area</b> of manufacturing buildings / RCC frame Industrial Buildings, during the last Ten years not less than 1,00,000 Sq.m</li> </ul>
<b>Notes for Cl. 3.1 Technical Criteria:</b>	
i.	The work carried out by the bidder's group company, holding company, or subsidiary company shall also be considered as the bidder's experience in meeting the QR. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified as per clause 1.0, and the Bidder along with its bid for the complete performance of the contract jointly and severally as

	per format enclosed in the bid document failing which the Bidder's bid is liable to be rejected.
ii.	The bidder should be a registered company under the law of India and in service in India for a minimum of five years before the date of techno-commercial bid opening.
iii.	In the case of a Joint Venture (JV) or consortium, credentials of a JV company registered under the law of India and in service for a minimum of five years before the date of techno-commercial bid opening, shall be considered. Formation of a JV or consortium to meet the QR criteria after the tender date shall not be considered.
iv.	Bidder shall submit a letter of award, work completion certificate(s), and other supporting documents, clearly specifying details of the scope, project area, zone, built-up area, etc.
v.	The reference project(s) should be completed prior to the date of the techno-commercial bid opening and a work completion certificate from the client needs to be submitted.
<b>3.2</b>	<b>Financial Criteria:</b>
3.2.1	<p>The average annual turnover of the bidder should not be less than <b>INR 84 Lakh</b>, (INR Eighty-Four Lakh only) during the <b>preceding three (03) financial years</b> as on the date of techno-commercial bid opening.</p> <p>In case the Bidder does not satisfy the average 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 the 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 and irrevocable financial support for the execution of the Contract by the Bidder in case of an award.</p>
3.2.2	<p>Net Worth of the Bidder as on the last day of the preceding financial year should not be less than 100% (hundred percent) 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 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 a 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.</p> <p>Net worth in a combined manner shall be calculated as follows:</p> <p>Net worth (combined) = <math>(X1+ X2+X3) / (Y1+Y2+Y3) \times 100</math></p>

	<p>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.</p>
3.2.3	<p>In case the Bidder is not able to furnish its audited financial statements on a standalone entity basis, the unaudited unconsolidated financial statements of the Bidder can be considered acceptable provided the Bidder further furnishes the following documents on the substantiation of its qualification:</p> <ol style="list-style-type: none"> <li>a. Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.</li> <li>b. 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 financial statement of the Holding Company.</li> </ol> <p>In case, where audited results for the last financial year as of the date of submission of the bid are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case the Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited result of the preceding three financial years shall be considered for evaluating 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 techno-commercial bid opening and the Certificate from a practicing Chartered Accountant certifying the financial parameters is not available.</p>
<b>Notes for Clause 3.2 Financial Criteria :</b>	
a.	<p>Net worth means the sum total of the paid-up share capital and free reserves. Free reserves mean all reserves credited out of the profits and share premium account but do not include reserves credited out of the revaluation of the assets, write-back of depreciation provision, and amalgamation. Further, any debit balance of the Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.</p>
b.	<p>Other income shall not be considered for arriving at annual turnover.</p>
c.	<p>“Holding Company” and “Subsidiary” shall have the meaning ascribed to them as per the Companies Act of India.</p>
d.	<p>For the value of the annual turnover indicated in foreign currency, the exchange rates as of seven (7) days prior to the date of techno-commercial bid opening shall be used.</p>
e.	<p>‘Group Company’ means two or more enterprises which, directly or indirectly,</p>

	<p>are in a position to:</p> <ul style="list-style-type: none"> <li>i. exercise twenty-six percent or more of voting rights in other enterprises; or</li> <li>ii. appoint more than fifty percent of members of the Board of Directors in the other enterprise.</li> </ul>
<p>The meaning of Holding/Subsidiary/Group Company mentioned above shall be applicable for Clause 3.1 also.</p>	
	<p><b>Please refer ITC 4.1 and Attachment-9: Bidders to submit all the documents in support of Technical Qualification Requirements (such as copy of Purchase Orders/ Work Orders/ Contract Agreements/ Client Certificates etc.), duly certified and verified for authenticity from Independent Statutory Auditor of your Company or specified Third-Party Inspection Agency (TPIA).</b></p>
<p><b>IMPORTANT GUIDELINES REGARDING TENDER :</b></p>	
<ol style="list-style-type: none"> <li>1. The reference works whose details have been declared in their bid shall only be considered to ascertain the bidder's compliance to the specified qualifying Requirement (QR). The Employer at its discretion may seek any clarification and/or documentary evidence only for the reference works as mentioned their Bid. However, no change or substitution of the reference works by new/additional plant for conforming to the specified qualifying Requirement shall be sought, offered or permitted".</li> <li>2. 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.</li> <li>3. The bidding document is available online. A complete set of Bidding Documents may be downloaded by any interested Bidder from the GeM Portal (<a href="https://gem.gov.in">https://gem.gov.in</a>). The Bidder would be required to register on the GeM Portal as a seller.</li> <li>4. All bids must be accompanied by Bid Security and Power of Attorney. Bid Security and Power of Attorney 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.</li> </ol> <p>ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY &amp; POWER OF ATTORNEY AS MENTIONED ABOVE 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</p>	

## E-PAYMENT OF BID SECURITY IN SEPARATE SEALED ENVELOPE

Note: No Hard Copy of bidding documents shall be issued.

**1. Address for Communication:**

AGM (RE-C&M)/ DGM (RE-C&M),  
NTPC GREEN ENERGY LIMITED,  
E-3, Main Market Rd, Ecotech-II, Udyog Vihar, Greater Noida, UP- 201306  
Contact Phone: Landline: 0120- 2356601  
E-Mail: dhananjaymohapatra@ntpc.co.in/[abhishekkumar02@ntpc.co.in/](mailto:abhishekkumar02@ntpc.co.in)  
Websites: [www.gem.gov.in](http://www.gem.gov.in) or [www.ntpctender.ntpc.co.in](http://www.ntpctender.ntpc.co.in) or [www.ntpc.co.in](http://www.ntpc.co.in)

**2. Registered Office**

NTPC Limited  
NTPC Bhawan, SCOPE  
Complex, 7, Institutional Area,  
Lodi Road, New Delhi – 10003  
Corporate Identification Number:  
L40101DL1975GOI007966. Website: [www.ntpc.co.in](http://www.ntpc.co.in)