

# **NTPC Green Energy Limited**

*(A Subsidiary of NTPC Limited)*

**Contracts Services**  
4th Floor, RE Building,  
NETRA Complex E-3,  
Ecotech-II, Udyog Vihar,  
Greater Noida  
Gautam Buddha Nagar, Uttar Pradesh, India, Pin – 201306



**SECTION – I**  
**INVITATION FOR BIDS (IFB)**  
**for**

**ENGAGING CONSULTANT FOR DETAILED PROJECT REPORT OF DESALINATION  
PLANT FOR NGEL GREEN HYDROGEN HUB AT PUDIMADAKA**

# **NTPC Green Energy Limited**

## **(A Subsidiary of NTPC Limited)**

**Renewable Energy-Contract Services, Noida**

### **INVITATION FOR BIDS (IFB) FOR ENGAGING CONSULTANT FOR DETAILED PROJECT REPORT OF DESALINATION PLANT FOR NGEL GREEN HYDROGEN HUB AT PUDIMADAKA**

**Date: 15.01.2026**

**Bidding Document No.: GEM/2026/B/7075834**

- 1.0** NGEL Limited invites online bids on **Single Stage Two Envelope bidding basis (Envelope-I: Techno-Commercial Bid , Envelop-II Price Bid)** for aforesaid Package, as per the Scope of Work mentioned in bidding documents.
- 2.0** Class-I 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.

#### **2.0 BRIEF SCOPE OF WORK**

2.1	BID NO	<b>GEM/2026/B/7075834</b>
2.2	Description of work	<b>ENGAGING CONSULTANT FOR DETAILED PROJECT REPORT OF DESALINATION PLANT FOR NGEL GREEN HYDROGEN HUB AT PUDIMADAKA</b>
2.3	Source of NIT	<b>NGEL, Contract Services, Greater Noida</b>
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
2.9 (b)	Bid Security/EMD	INR 5,00,000/- (Five Lakhs Only).

		<p>EMD exemption is applicable in the subject NIT for MSE Registered Bidders under UDYAM Only.</p> <p>Mode of submission of Earnest Money Deposit/Bid Security – The Bid Security shall, at the Bidder's option, be in the form of Electronic Fund Transfer (EFT)/ irrevocable Letter of Credit or a bank guarantee from any of the banks specified in the Bid Data Sheets or an Insurance Surety Bond from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).</p> <p>For details i.e. bank, formats please refer bid documents.</p>
2.10	INTEGRITY PACT	Not Applicable.
2.11	EVALUATION	<b>OVERALL LUMP SUM BASIS</b>
2.12	Whether Joint Venture/ Consortium Permitted?	No
2.13	Whether Associate / Collaborator permitted ?	No
2.14	MSE Benefits in Award & EMD	<p>Applicable.</p> <p>Benefits under PPP 2012 for MSEs are applicable only for (a) Goods produced and (b) Services provided by MSEs. In this regard, OM dated 9.11.2016 and its subsequent amendment / clarifications issued by MSME from time to time regarding definition of Goods and Services may be referred.</p> <p><b>MSE benefits shall not be applicable to Trader/Dealer of Goods. Further, MSE benefits shall also not be applicable for Works Contracts.</b></p> <p>Micro and Small Enterprises (MSEs) having Udyam Registration only for Goods produced and Services rendered shall only be eligible for MSE benefits.</p>

		<p>In case of an upward change in terms of investment in plant and machinery or equipment or turnover or both, and consequent re-classification, an enterprise shall continue to avail of all nontax benefits of the category (micro or small or medium) it was in before the re-classification, for a period of three years from the date of such upward change.</p> <p><b>The benefits to the participating Service Providers under PPP 2012 shall be applicable irrespective of product (Goods / Services) categories for which bidder is registered as MSE.</b></p>
	<p><b>Micro and Small Enterprises (MSEs) who are holding valid Udyam Registration and are manufacturer of the offered Product or Service (Primary Product / Service - in case of bunch bid with total value wise evaluation) and give specific confirmation to this effect at the time of bid submission and claim EMD exemption and whose credentials are validated online through Udyam Registration website of Ministry of MSME and also through supporting document uploaded during bidding process and validated by the Buyer. Therefore , for availing exemption Benefit in EMD and Award , Bidders are requested to submit only “UDYAM REGISTRATION CERTIFICATE”. Other MSE related documents like “Udyog Aadhar Memorandum (UAM) or “NSIC certificate” etc or any other certificate issued by Ministry of Micro, Small and Medium Enterprises as per MSMED Act 2006 , for goods produced and services rendered will not be considered as a MSE exemption certificate.</b></p>	
2.15	Make in India Policy	<p>APPLICABLE (For details refer ITB)</p> <p>Class-I 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.</p>
2.16	Contract Period	<p><b>10 months from the date of letter of intent/Letter of Award (LOA) or as mentioned in the bidding documents.</b></p>

2.17	Splitting of quantity	Not allowed.
2.18	Reverse auction	Not Applicable
2.19	<p><del>First time users not allotted any vendor code are requested to approach NGEL at least ten working days prior to Document download close date and submit the Following:</del></p> <p><del>a) For Creation of Vendor Code:</del></p> <p><del>i) Request letter on company's letter head of the bidder</del></p> <p><del>ii) Copy of GST Registration , PAN No.</del></p> <p><del>iii) valid E-mail ID</del></p> <p><del>iv) Address Proof</del></p> <p><del>v) Cancel Cheque &amp; EFT Form(to be verified by bank)</del></p> <p><del>Note: Format of E.F.T(Electronic Fund Transfer) Form is attached along with tender document.</del></p>	
2.20	<p>All bids must be accompanied by Bid Security for an amount of INR 5,00,000/- (Indian Rupees Five 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>	
2.21	<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> <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.</p>	
3.0	<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:
	<p><b><u>1.0 TECHNICAL CRITERIA:</u></b></p> <p>The bidder should have completed the consultancy assignment of, Preparation of Detailed Project Report (DPR) of Desalination Plant of at least one project not less than the size of 40 Million Liters per Day (MLD) in India during the last Ten (10) years prior to the date of techno commercial bid opening.</p> <p>The DPR of reference project (s) should have been completed before the date of techno-commercial bid opening and a work completion certificate from the client needs to be submitted.</p>
	Notes for CI 1.0 Technical Criteria:
	<p>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 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.</p> <p>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.</p> <p>iii) Bidder shall submit letter of award, work completion certificate(s) and other supporting documents, clearly specifying details of the scope, project capacity, etc.</p> <p>iv) Reference projects of Techno commercial report or Feasibility report including costing and engineering of the desalination plant is also considered as DPR.</p>
	<p><b><u>2.0 Financial Criteria:</u></b></p> <p>2.1 The average annual turnover of the bidder should not be less than <b>Rs. 3.3 crore</b>, (INR <b>Three crore and thirty lakhs</b> 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</p>

	<p>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>
	<p>2.2 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> 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>
	<p>2.3 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>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>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 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 the Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited result of three consecutive financial years preceding the last financial year 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</p>

	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.
	<b>Notes for Clause 2.0:</b>
	<p>a. 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> <p>b. Other income shall not be considered for arriving at annual turnover.</p> <p>c. "Holding Company" and "Subsidiary" shall have the meaning ascribed to them as per the Companies Act of India.</p> <p>d. For the value of the annual turnover indicated in foreign currency, the exchange rates as on seven (7) days prior to the date of techno-commercial bid opening shall be used.</p> <p>e. 'Group Company' means two or more enterprises which, directly or indirectly, 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 enterprise; 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 1.0 also.</p>
	<b>Please refer ITC clause 4 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 (ISA) of their Company or specified Third-Party Inspection Agency (TPIA).</b>
	<b>IMPORTANT GUIDELINES REGARDING TENDER :</b>
	<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 in their Bid.</li> </ol>



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.

2. Class-I 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.
3. NGEL 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.
4. The bidding document is available online. A complete set of Bidding Documents may be downloaded by any interested Bidder from the GeM Portal (<https://gem.gov.in>). The Bidder would be required to register on the GeM Portal as a seller.

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

5. **Address for communication:**

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**Websites:**

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