

NTPC Green Energy Limited

(A Subsidiary of NTPC Ltd., a Government of India Enterprise)



Invitation for Expression of Interest (EOI)

From

Green Chemicals Developers around the Globe

For

Setting up of project(s) in India's first Green Hydrogen Hub at Pudimadaka
(near Visakhapatnam), Andhra Pradesh

DOCUMENT STRUCTURE OF EOI

This Expression of Interest (EOI) document is organized into the following sections:

- **Section I** : EOI Overview and Key Information
- **Section II** : Introduction and Background
- **Section III** : Instructions for Applicants
- **Section IV** : Consideration of Responses
- **Section V** : Annexures and Supporting Documents

Section - I
EOI Overview and Key Information

DETAILED NOTICE INVITING EXPRESSION OF INTEREST (EOI)

EOI No.: NGEL/BD/EOI-03/2025-26

Date: Sep 24, 2025

NTPC Green Energy Limited (NGEL), is inviting expression of interest from Green chemicals Developers around the Globe for setting up of project(s) in India's first Green Hydrogen hub at Pudimadaka (near Visakhapatnam), Andhra Pradesh

1. Objective

NGEL intends to seek interests from Global/Indian developers for setting up Green Chemicals Project(s) in the NGEL Green Hydrogen Hub at Pudimadaka, AP.

2. Eligibility Criteria

Detailed eligibility criteria mentioned in *Section-II* below.

3. Post-EOI Process

Upon evaluation and shortlisting of EOI responses, NGEL may undertake further steps ultimately enter into a **land sub-lease agreement, RE power sale agreement, water supply agreement AND/OR Green Hydrogen supply agreement AND/OR Biogenic CO2 supply agreement AND/OR Green Ammonia AND/OR Joint Venture Agreement etc. with the selected Developer(s).**

4. EOI Document Access & Timeline

- **EOI Documents:** available for free download at www.ntpctender.com or <https://eprocurementpc.nic.in>
- **Key Dates:**
 - Last date for submitting queries/clarifications: Date of EOI publish(T)+15 days
 - Last date for submission of EOI: **T+30 days**
 - Date of opening EOI responses: **T+30 days**
 - Validity of EOI Response: **1 year** from the last date of submission

5. Submission Guidelines

Applicants are required to submit a **soft copy** of their complete EOI in the portal.

Submissions must be completed **on or before the last date of submission.**

6. Rights Reserved

NGEL reserves the right to modify, accept or reject any or all EOIs, or to cancel/withdraw the entire process at any stage without assigning any reason. In such cases, applicants shall have **no claim whatsoever** arising from such actions.

Section - II

Introduction and Background

1. Introduction

NGEL is an umbrella company for the green business initiatives of NTPC and undertakes projects through organic and inorganic routes and aims to be the flag-bearer of NTPC's green energy journey to achieve the ambitious target of 60 GW by FY 32. The installed RE capacity of 8 GW, an additional 24 GW is in pipeline.

The company has strategically diversified its portfolio within the realm of Green Energies and participating in bidding process, tenders, and Ultra Mega Renewable Energy Power Parks (UMREPP), to achieve growth over the decade and act as a premier "Green Energy" player in India as well as globally.

NGEL is developing the largest Green Hydrogen Hub in Pudimadaka, near Visakhapatnam, Andhra Pradesh. It was declared as India's first National Green Hydrogen Hub by the Hon'ble Prime Minister of India on 8th Jan' 2025 while laying the foundation stone for the project at Visakhapatnam.

The Hub is slated to produce **2.5 MMTPA Green Chemicals** (Ammonia, Methanol, e-SAF, Green Urea etc.). The Hub would have Electrolyser of 7 GW capacity, 7.5 GW GIS substations, 7.5 GW transmission lines from CTU substation, Captive Port/Jetty, Desalination Plant, Chemical storage, logistics area, utilities area, common buildings etc.

The green power for the energy intensive hub shall be arranged by NGEL from Andhra Pradesh.

2. Criteria for Green Chemicals Developers

To be considered for setting up project(s) in the Hub, the proposed projects must meet the below mentioned criteria:

- RE power and water AND/OR Green Hydrogen AND/OR Biogenic CO2 AND/OR Green Ammonia to be sourced from NGEL only.

3. Purpose of the Expression of Interest (EOI)

The primary objectives of this EOI are to:

- Support NGEL's vision to develop India's largest Green Hydrogen Hub by 2032.
- Develop capacities for export and also for early development of the complete ecosystem.
- To contribute to the economy of the state and generate employment.
- To contribute towards the National Green Hydrogen Mission of the country and make India an energy secure nation aiming to become a net exporter of energy.

Section - III
Instructions for Applicants

Applicants are advised to carefully read and adhere to the following instructions while preparing and submitting their Expression of Interest (EOI):

1. General Guidelines

- a. **Language:** All submissions, correspondence, and queries related to this EOI must be in **English** only.
- b. **Submission Format:** Applicants must complete the EOI Application Form and all annexures provided in **Section V**. Submissions are required in **soft copy** formats.
- c. **Reference Material:** Applicants are strongly advised to thoroughly review **Section I (EOI Overview and Key Information)** and **Section II (Introduction and Background)** before completing the forms in Section V.
- d. **Contact Details:** Each application must include the **names and contact details** (including full postal address, phone number, and email ID) of **two authorized representatives**.
- e. **Additional Information:** NGEL reserves the right, at its sole discretion, to request additional information or clarification from any applicant after the submission deadline, especially to address discrepancies or inconsistencies.

2. Enquiries and Clarifications

All queries or requests for clarification regarding this EOI must be submitted via email to the following addresses:

To:

- To: rkmehroliya@ntpc.co.in
- cc: prahul@ntpc.co.in

3. Corrigendum

NGEL reserves the right to modify or amend the EOI document **at any time before the submission deadline**, either at its own discretion or in response to applicant queries. All amendments or corrigenda will be published on the designated websites and will be **binding** on all applicants. Applicants must account for such updates when submitting their responses. NGEL may also **extend the submission deadline** at its discretion, if necessary.

4. Preparation of EOI Response

The EOI response must include the following, as per formats provided in **Section V**:

- **Annexure 1:** Covering Letter cum Undertaking
- **Annexure 2 & 3:** Applicant Information
- **Authorization Document:**
 - **Power of Attorney**, duly notarized, or
 - **Letter of Authorization** supported by **Power of Attorney/Board Resolution**, authorizing the signatory to submit the EOI

5. Submission of EOI Response

- Applicants must submit a complete soft copy of the EOI **in the portal**.
- **All pages** of the submission must be **signed and stamped** by the authorized signatory.
- Responses must be submitted **within the specified deadline**, as outlined in **Section I**.

6. Opening of EOI Responses

EOI submissions will be opened at **1500 Hrs** on the scheduled date mentioned in Section I. Applicants will be informed of the opening through the **e-procurement portal**.

If the scheduled date falls on a non-working day or public holiday, the EOI responses will be opened on the **next working day** at the same time.

7. Costs and Expenses

All costs associated with the preparation and submission of the EOI, including participation in discussions and execution of related documents, will be borne **solely by the applicant**. NGEL shall **not be liable** for any costs incurred, irrespective of the outcome of the process.

8. Confidentiality

Applicants are required to treat all information contained in or related to this EOI as **confidential**, and must not disclose such information except under the following conditions:

- To professional advisors
- To officers, employees, agents, representatives, or financiers who require access for performing relevant functions
- As required by applicable laws or regulations

NGEL reserves the right to disclose the terms and contents of this EOI or related documents, as required by law.

9. Disclaimer

This EOI has been issued by NGEL to seek interests from Global/Indian developers for setting up Green Hydrogen and/or Green Chemicals Project(s) in the NGEL Green Hydrogen Hub at Pudimadaka, AP.

By submitting an EOI, applicants acknowledge and agree to the terms and disclaimers outlined in this document. No oral or written representation, apart from what is explicitly stated in this EOI, shall be binding on NGEL or construed as modifying the terms herein.

Section-IV
Consideration of Responses

1. Responsiveness Check

All submitted responses will be reviewed to confirm the applicant's intent and eligibility for developing Green Hydrogen/Green Chemicals project(s) in the NGEL Green Hydrogen Hub. Each response must comply with the specified submission requirements to be considered **responsive**.

A response shall be considered **non-responsive** under the following conditions:

- a. Submission is **incomplete**, lacking any of the required formats such as the **covering letter, Power of Attorney/Letter of Authorization**, or relevant **undertakings** as outlined in **Annexures of Section V**.
- b. Response is **not duly signed and stamped** by the authorized signatory as required in this EOI.
- c. Presence of **material inconsistencies** or discrepancies in the submitted information/documents.
- d. An applicant submits **multiple responses** either directly or through an affiliate or subsidiary entity.
- e. The **validity period** of the response is **less than** that specified in **Clause 4 of Section I** of this EOI.
- f. The response is **conditional** in nature, containing deviations or qualifications.
- g. Submission is **received after the deadline** specified for EOI responses.
- h. Failure or **delay in submitting additional information or clarifications** requested by NGEL, where applicable.

Only applications that satisfy all of the above criteria will be considered **responsive** and taken forward for further evaluation. NGEL reserves the **sole discretion** to deem a response non-responsive in case of any non-compliance, and such responses will be excluded from further consideration.

2. Documents Required to Establish Credentials

Applicants must submit the following documents as part of their EOI response to establish their credentials and eligibility:

- a) **Certificate of Incorporation/Company Registration Details**
- b) **Audited Financial Statements** for the last three financial years (if available)
- c) **Excerpt from the Offtake agreement (if available)**

Section-V

Annexures and Supporting Documents

Annexure-1

Format For Covering Letter Cum Undertaking

(The covering letter should be on the Letter Head of the Applicant)

Date : _____

Place : _____

To,
.....

Sub.: (Invitation For Expression Of Interest-EOI)

Ref.: EOI No. _____, dated _____ (the “EOI”)

Dear Sir,

We, the undersigned [insert name of the “Applicant”] having read, examined and understood in detail the **(Invitation for Expression of Interest)**.

We confirm that neither we nor any of our Parent Company/ Affiliate/ Ultimate Parent Company has submitted a response other than this response directly or indirectly in response to the aforesaid EOI.

1. We give our unconditional acceptance to the EOI, issued by NGEL, as amended. In token of our acceptance to the EOI, the same have been signed, stamped by us and enclosed to the response. We hereby confirm that the provisions of the EOI shall be binding on us.
2. We have submitted our response strictly as per the provisions and formats of the EOI, without any deviations, conditions and without mentioning any assumptions or notes.
3. We hereby unconditionally and irrevocably agree and accept that the decision made by NGEL in respect of any matter regarding or arising out of the EOI shall be binding on us. We hereby expressly waive any and all claims in respect of EOI process. We confirm that there are no litigations or disputes against us, which materially affect our ability to participate or function under the obligations with regard to EOI.

4. Details of the contact person are furnished as below:

Name :

Designation:

Address:

Contact telephone numbers:

Email id:

5. We are enclosing herewith the entire response containing duly signed formats in electronic format in the portal as per the EOI for consideration.
6. It is confirmed that our response is consistent with all the requirements of submission as stated in the EOI and subsequent communications from NGEL, if any.
7. The information submitted in our response is complete, strictly as per the requirements stipulated in the EOI and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our response.
8. We confirm that all the terms and conditions of our response are valid for acceptance for a period of three hundred and sixty-five (365) days from the response Deadline.
9. We confirm that we have not taken any deviation so as to be deemed “**non-Responsive**” as stipulated in Section-IV of this EOI.
10. We understand that you are not bound to accept any response you receive.

We remain,

Yours sincerely

(Name, Designation and Signature of Authorized Person in whose name Power of Attorney/letter of authorization is issued)

Annexure - 2

Information to be submitted by Applicant.

1. Name of the Company:
2. Country:
3. Legal status of the Company (Pvt/Govt/listed/unlisted etc.):
4. Brief description of the Company including details of its business groups/subsidiaries/ affiliates:
5. Date of Incorporation:
6. Full address including Telephone nos./Email id.:
 - a. Registered Office:
 - b. Address for communication:
 - c. Contact Details:
 - d. Office Address in India, applicable for international participants:

(Sign & Company Seal)
Authorized signatory

Annexure-3

Sl.	Parameters of the proposed Green Chemical Project(s)	Preference	Unit	Value/ Quantity
1	Product Name (Ammonia, Methanol, SAF, Urea, LOHC etc.)		-	
2	Capacity of Final Product		TPD	
3	Target Date of Commercial Operation		MM/YYYY	
4	Project Capex (excl RE)		Mn (USD)	
5	RE power required from NGEL		MW, MWh/day	
6	Raw/treated water requirement from NGEL		m3/day	
7	DM water requirement from NGEL		m3/day	
8	Green Hydrogen required from NGEL, if any	Yes/No	TPD	
9	CO2 required from NGEL/NTPC, if any	Yes/No	TPD	
10	Green Ammonia required from NGEL, if any	Yes/No	TPD	
11	Port facilities/tie-up to be arranged by NGEL	Yes/No		
12	Land area required		Acre	
13	Name of the Entity having Offtake agreement with (if available)	-	-	
14	Preferred equity participation by NGEL, if any		%	