

(INVITATION FOR EXPRESSION OF INTEREST)

NTPC Green Energy Limited
(A Subsidiary of NTPC Limited)



Invites
Expression of Interest
(Eoi)

From

Any Indian Company/their Consortium/Affiliate/Representatives

For

**Development and Installation of Solar PV Plant with Battery Energy
Storage system (BESS) at Great Nicobar Island (GNI)-India**

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DOCUMENTS OF EoI

This EOI document comprises the following sections:

- | | | |
|-------|-------------|----------------------------------|
| (i) | Section I | : EoI Information |
| (ii) | Section II | : Introduction |
| (iii) | Section III | : Instructions to the Applicants |
| (iv) | Section IV | : Consideration of Response |
| (v) | Section V | : Application Form and Annexures |

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Section – I (EoI Information)

DETAILED NOTICE INVITING EXPRESSION OF INTEREST (EoI)

EoI No.: NGEL/EOI/04

Date: 11-03-2025

- 1.0 NTPC Green Energy Limited (NGEL), a subsidiary of NTPC Limited (A Government of India Enterprise) intends to set-up solar power infrastructure with Battery Energy Storage system (BESS) with Transmission System at Great Nicobar Island as per the mandate from MoP under the plan for Holistic Development of Great Nicobar Island. In this regard, NGEL is invites an Expression of Interest from any Indian Company/their Consortium/affiliates/Representatives for exploring “Development and Installation of Solar PV Plant with BESS at GNI”.

The detailed terms and conditions of the EOI is brought out in the other sections of the documents.

- 2.0 NTPC Green Energy Limited (NGEL) is a public limited company incorporated on April 7, 2022, under the Companies Act, 2013. It is a subsidiary of NTPC Limited, focusing on renewable energy development.
- 3.0 NGEL's objectives include expanding its renewable energy portfolio to meet India's sustainable development goals, achieving leadership in green energy technologies, and supporting the transition to a low-carbon economy. The company aims to enhance energy efficiency, integrate innovative energy solutions, and contribute to achieving net-zero emissions by promoting clean energy adoption.
- 4.0 NGEL's primary goals are:
- Scaling renewable energy capacity.
 - Achieving leadership in green energy technology.
 - Supporting India's vision for net-zero emissions.
 - Promoting innovation and sustainability in energy solutions.
- 5.0 Through this Expression of Interest, NGEL intends to explore opportunities of development of Solar projects with battery storage at Great Nicobar Island (GNI), India. The tentative capacity presently being targeted through this EOI has been planned up to 5 MW of solar PV plant with BESS capacity up to 4 MW/12 MWh. However, based on the response of the prospective “Companies”, detailed specifications and capacity will be finalized.

This Expression of Interest is open for any Indian Company/their Consortium/affiliates/ Representatives.

3.0 DOWNLOAD AND TIMELINES FOR SUBMISSION OF EoI

- a. Interested APPLICANTS may download the documents of EoI free of cost from www.ntpctender.com & <https://eprocurementpc.nic.in>
- | | | |
|--|---|------------|
| b. Publication of EoI | : | 11.03.2025 |
| c. Last date for submission of EoI | : | 18.04.2025 |
| d. Last date for queries/ seeking clarifications | : | 30.03.2025 |

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| | | |
|------------------------------------|---|--|
| e. Date of opening of Eol response | : | 21.04.2025 |
| e. Response Validity | : | 6 months from Last Date of Eol Submission |

- 4.0** NGEL encourages submission of Eol in soft copy. For consideration of Eol, APPLICANTS are required to e-mail softcopy of Eol, completed in all respect, through email mentioned hereunder. If APPLICANTS also wish to submit hard copy of the Eol, the same can be submitted either in person or by registered/ speed post till the last date of submission of Eol to the following address: -

To: hariomvishwakarma@ntpc.co.in & abhilashkumar@ntpc.co.in

Hariom Vishwakarma/ Abhilash Kumar S
Sr Manager (Engineering)/ Deputy General Manager (Engineering)
NTPC Green Energy Limited
5th Floor, E-3, Ecotech-II, Udyog Vihar, Greater Noida
Gautam Buddha Nagar, Uttar Pradesh, India, Pin – 201306

- 5.0** NGEL reserves the right to reject or accept any or all applications, cancel/withdraw the Eol process without assigning any reason whatsoever and in such case, APPLICANT shall not have any claim arising out of such action. NGEL/NTPC bears no responsibility or liability of any kind in reference to the Eol.

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Section - II Introduction

1. **INTRODUCTION**

- i. The Government of India (GoI) has propelled up the solar energy penetration in the energy mix of the country. Government of India, through Ministry of New and Renewable Energy (MNRE) has taken up a target of 450 GW of renewable energy target by 2030, out of which around 280 GW is targeted to come from Solar. Augmentation of solar PV manufacturing capacity will facilitate the Indian solar power developers to meet the national target. This will also help in reducing import dependency and aid in fulfilling the government's goal of '*Atmanirbhar Bharat*' (i.e. self-reliant India).
- ii. NTPC is India's largest energy conglomerate with roots planted way back in 1975 and having total installed capacity of 77 GW. NTPC has forayed from fossil fuels to renewable energy sources. This diversification will play a major role in lowering its carbon footprint by reducing greenhouse gas emissions.
- iii. NTPC being a leader in the Power Sector, has strong commitment towards Renewable Energy and therefore would be targeting RE market of at least 10% i.e., 23 GW by FY25 and increase its share further to 12-14% i.e. 60 GW by FY32.
- iv. NTPC Green Energy Limited (NGEL), a wholly owned subsidiary of NTPC has been set up as a separate entity by NTPC to accelerate the group's presence in the RE sector. It is envisaged that all future organic additions would take place through NGEL. Therefore, NGEL would target to achieve around 15 GW by FY25 and scale it further to around 44 GW by FY32.
- v. NGEL is also focusing to enable to Govt of India's vision, to decarbonize the farthest part of country. NGEL is planning to install Renewable power project at GNI island.

2. **INTENT OF THE EXPRESSION OF INTEREST (EOI)**

- i. The purpose of this EOI is to identify the prospective companies capable to install Renewable energy project with BESS along with transmission of power from power plant to sub stations.at GNI.
- ii. Broad scope of work with respect to same is following.
 - EPC of Ground mounted Solar PV project with BESS.
 - Transmission of power from Power plant to existing substations.
 - Study of energy requirement and existing transmission system of island and suggest capacity of renewable energy project and requirement of energy storage.
 - Expectations from NGEL w.r.t the techno-commercial terms and conditions to install project at Island.

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- In this regard, the companies shall be required to come up with a detailed plan and past project experience of establishing of renewable projects and BESS project.
 - Details of the different technologies, Energy storage options, Cost optimization routes, transit options, etc.
- iii. The interested applicants will specify in their response, the technical specification, costs, expected terms & condition and other data as detailed in Annexure-3. NGEL reserves the right to implement the project through a separate Request for Proposal/Bidding Process (RFP) process amongst the shortlisted parties identified through this EoI Process or through a separate tender.
- iv. The response(s) received in the EoI will be utilized by NGEL for:
- a) Identification of various prospective bidders/companies technically & commercially capable to install renewable projects at GNI Island

AND/OR

- b) Formulation of specifications, Qualifying Criteria and Techno-commercial Terms & conditions for Tender

The Applicants may express their interest in respect of their offerings along with other inputs as indicated in relevant Annexures/formats.

3. **Criteria of Participation**

- I. The Applicant of the EOI should be any entity who has earlier successfully executed the solar plant & BESS either combined or separately) based on which the project(s) has/have been under execution/implementation or have been completed and are under successful operation.
- II. Work order of past executed/ under execution project(s) (preferably for Central Government, State Government or for Public Sector Undertaking) shall be submitted along with EOI.

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Section - III Instructions to the Applicants

1. The Applicants should note that:

- a. Language of the responses to Eol or any query/clarifications/correspondences shall be in English only.
- b. For expression of interest, Application Form and Annexures given in Section-V shall be duly filled and sent to NGEL by the APPLICANT in soft copy.
- c. Applicants should go through Section-I and Section-II thoroughly before filling and submitting the application form and annexures in Section-V.
- d. Applicants shall mention the name and contact details of two persons, with complete address, phone number and email id.
- e. NGEL may, at its sole discretion, ask for additional information/ documents and/ or seek clarifications from the Applicant(s) after the Deadline for submission of response, inter alia, for the purpose of removal of inconsistencies or infirmities in their responses.
- f. This EOI is non-committal.

2. Enquiries and clarifications

Any clarifications on the Eol may be sought to the following via e-mail:

To: hariomvishwakarma@ntpc.co.in/abhilashkumar@ntpc.co.in

CC to: djoshi@ntpc.co.in

3. Corrigendum

At any time before the last date of submission of Eols, NGEL may, for any reason, whether at its own initiative or in response to a clarification requested by an Applicant, modify the Eol document. The amendment will be posted on the website and will be binding on the Applicants and the Applicant will give due consideration to the same, while they submit their Eols, and would invariably enclose documents/ information, as required, on account of the amendment, as a part of the Eol. NGEL may, at its discretion, extend the deadline for the submission of Eols.

4. Preparation of the response to Eol

The application of Eol consists of the following:

- (a) Annexure 1, 2 & 3 of Section-V

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5. Validity of the responses

The Applicant shall submit the responses which shall remain valid up to six Month (06) months after the response Deadline ("Response Validity"). NGEL reserves the right to reject any response, which does not meet the aforementioned validity requirement.

NGEL may solicit the Applicant's consent for an extension of the period of validity of the response. The request and the response in this regard shall be in writing. In the event any Applicant refuses to extend its response validity as requested by NGEL, NGEL shall terminate processing of such Applicant's responses. An Applicant accepting NGEL request for validity extension shall not be permitted to modify its response.

6. Submission of the response to Eol

The responses to the Eol are to be submitted in soft copy via below e-mail format

To: hariomvishwakarma@ntpc.co.in/abhilashkumar@ntpc.co.in

CC : djoshi@ntpc.co.in

Ref. Eol No.

Dated

Envelope: Original / Copy #

Due date of Opening: _____

Submitted to:

Name, designation & address of the concerned officer of NGEL

Submitted by:

Name, address & contact no. of the Applicant

All the pages of the response should be duly stamped and signed by the authorized signatory in whose favour the Power of Attorney is issued.

The responses to the Eol should be submitted within the Deadline at the address provided in the Section-I of this Eol.

7. Opening of responses to the Eol

The responses to the Eol shall be opened as per the time schedule at date as mentioned in Section-I and will be communicated to the Applicants via e-mail. In the event of any of above dates falling on a day which is not a working day or which is a public holiday, the responses shall be opened on the next working day at the same venue and time.

8. Costs and expenses towards response to Eol

The Applicants shall be responsible for all the costs associated with the preparation of the response and participation in discussions and finalization & execution of the documents related with this Eol, NGEL shall not be responsible in any way for such costs, regardless of the conduct or outcome of this short-listing/ selection process.

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9. Confidentiality

The Applicants undertake to hold in confidence this Eol and any document related or pursuant to this Eol and not to disclose the terms and conditions of the transaction contemplated hereby to third parties, except:

- (a) To their professional advisors;
- (b) To their officers, contractors, employees, agents or representatives, financiers, who need to have access to such information for the proper performance of their activities;
- (c) Disclosures required under applicable Law, without the prior written consent of the other parties of the concerned agreements.

Provided that the Applicant(s) agrees and acknowledges that NGEL may at any time, disclose the terms and conditions of this Eol and any document related or pursuant to this Eol to any person, to the extent stipulated under the applicable Law.

10. Disclaimer

- (a) This Expression of Interest (Eol) has been prepared by NGEL for response from any Indian Company/their Consortium / affiliates / Representatives to explore prospective companies capable to install and operate Solar Power project with energy storage at GNI Island India.
- (b) In submitting an expressed Eol in response to the Eol, the Applicants certify that it understands, accepts and agrees to the disclaimers on this page. Nothing contained in any other provision of the Eol nor any statements made orally or in writing by any person or party shall have the effect of negating or superseding any of the disclaim-ers set forth herewith.

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Section-IV Consideration of Response

RESPONSIVENESS/EVALUATION METHODOLOGY

1. Responsiveness check

The responses submitted by Applicants shall be scrutinized w.r.t the intent of the specifications as outlines in the EOI Document. Responses shall be deemed non-responsive for following reasons:

- a. Responses that are incomplete, i.e. not accompanied by any of the applicable formats inter alia covering letter, power of attorney, applicable undertakings, provided in more details at annexures in Section-V;
- b. Responses not accompanied by Essential Information as prescribed in various Annexures in Section-V.
- c. Responses not signed by authorized signatory and / or stamped in the manner indicated in this Eoi;
- d. Material inconsistencies in the information/ documents submitted by the Applicant
- e. An Applicant submitting more than one response to this Eoi either itself or through an affiliate or subsidiary company;
- f. Response validity being less than that required as per Clause 5 of section-III of this Eoi;
- g. Response being conditional in nature;
- h. Response not received by the response Deadline;
- i. Response having Conflict of Interest;
- j. Applicant delaying in submission of additional information or clarifications sought by NGEL, as applicable;

All bids that shall meet the responsive check requirements set out above in this section of the Eoi document shall be considered as responsive. In case of non submission of relevant details as above, the responses may be considered as “**Nonresponsive**”, at the sole discretion of NTPC and will not be considered further.

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Section-V Application Form & Annexures

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)

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

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 response other than this response directly or indirectly in response to the aforesaid Eol.

1. We give our unconditional acceptance to the Eol, issued by NGEL, as amended. In token of our acceptance to the Eol, the same have been signed & stamped by us and enclosed to the response. We hereby confirm that the provisions of the Eol shall be binding on us.
2. We have submitted our response strictly as per provisions and formats of the Eol, 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 Eol shall be binding on us. We hereby expressly waive any and all claims in respect of Eol 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 Eol.
4. Details of the contact person are furnished as below:
Name :
Designation:
Address:
Contact numbers:
email id:

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5. We are enclosing herewith the entire response containing duly signed formats in electronic format sent via email to: hariomvishwakarma@ntpc.co.in 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 eight (08) months 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 is issued)