

**NTPC LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
CORPORATE CONTRACTS, NOIDA**

**INVITATION FOR BIDS (IFB)
(Advance Intimation to Bidders)**

FOR

**Engagement of 'Technology Licensor for Methanation Unit' in Coal Gasification based
Synthetic Natural Gas (SNG) SNG Project at NTPC Talaipalli, Chhattisgarh**

(INTERNATIONAL COMPETITIVE BIDDING)

GEPNIC Tender Ref. No: xxxxxxxxxxxx

Bidding Document No: CS-7014-940-9

Date: 10.04.2026

1.0 NTPC invites online bids on Single Stage Two Envelope, International Competitive Bidding basis (Envelope I: Techno-Commercial Bid & Envelope II: Price Bid) for the aforesaid Package, as per the scope of work briefly mentioned hereinafter.

2.0 BRIEF SCOPE OF WORK

NTPC Ltd. intends to establish a Surface Coal Gasification (SCG) Project at Talaipalli, Raigarh, Chhattisgarh, for the production of **500 KTPA (Kilo Tonnes Per Annum)** of Synthetic Natural Gas (SNG). The proposed plant will comprise the following technology islands: **Coal Beneficiation, Coal Gasification, Syngas Conditioning & Cleaning, and Methanation.**

The overall project execution methodology shall be as follows:

- **Selection of the Technology Licensor** through the technology evaluation process.
- **Preparation of the Basic Design Engineering Package (BDEP)** by the selected licensor based on the finalized technology.
- **Finalization of plant integration, utilities, and overall interface requirements** using the BDEP as the basis.
- **Floating of a single EPC tender** incorporating the BDEP and finalized integration and utility requirements, followed by selection of the EPC contractor for detailed engineering, procurement, construction, commissioning, and performance guarantee of the plant.

The Methanation Unit is the first of the identified technology islands to be taken up for technology licensor selection, thereby initiating the preparation of the Basic Design Engineering Package (BDEP).

The Methanation Unit shall convert the clean syngas received from the Syngas Cleanup/Conditioning Unit into Synthetic Natural Gas (SNG) meeting the specified product quality requirements for injection into the GAIL pipeline network.

The Licensor shall establish the process design basis, validate the battery limit feed conditions, and ensure that the proposed process configuration is compatible with the overall plant integration and performance objectives.

The scope of the package shall include: (i) Grant of Technology License, (ii) Basic Engineering Design Package (BDEP) and Post-BDEP Engineering Support, (iii) Supply of first-fill catalyst, and (iv) Commissioning and Performance Test Support.

3.0 The Bidding Schedule*:

Issue of IFB	14.08.2026
Bidding Document No	CS-7014-940-9

Documents Download Date & Timings	From 30.08.2026 at https://eprocurentpc.nic.in
Pre-Bid Conference date & time	Shall be intimated later.
Last date for receipt of queries from bidders (if any)	Shall be intimated later.
Date, Time and venue for Pre-Bid conference	Shall be intimated later.
Bid receipt date & time for Envelope-I (Techno-Commercial) & Envelope-II (Price) bid	Shall be intimated later.
Bid Opening Date & Time for Envelope-I (Techno-Commercial) bid	Shall be intimated later.
Bid Opening Date & Time for Envelope-II (Price) bid	Shall be intimated after opening of Envelope-I (Techno-Commercial) Bids.

*Note: Bidders are advised to visit the GePNIC (e-tender) portal of NTPC for updated bidding schedule of the Tender. GePNIC tender ref. no. will be updated along with release of complete bidding document.

- 4.0** All bids must be accompanied by Bid Security for an amount of **INR 20,000,000/-** (Indian Rupees Two Crore only) or **USD 2,08,700/-** (Two lakh eighty seven thousand US Dollars 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. IN CASE, THE BID SECURITY IS SUBMITTED AS E-BG/ THROUGH ELECTRONIC FUND TRANSFER (EFT), BIDDER TO SUBMIT THE COPY OF E-BG/PROOF OF E-PAYMENT OF BID SECURITY EITHER IN SEPARATE SEALED ENVELOPE OR IN THE E-TENDERING PORTAL

- 5.0** 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.

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.

- 6.0** NTPC reserves the right to reject any or all bids or cancel/withdraw the Invitation for Bids (under subject IFB) without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.

7.0 Address for Communication:

AGM (CS)/ AGM (CS)
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State of U.P. India
Contact: 7999783872 / 9650992301
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8.0 Registered Office

NTPC Limited

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New Delhi – 110003
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Website: www.ntpc.co.in