

NTPC LIMITED
(A Government of India Enterprise)

CORPORATE CONTRACTS, NOIDA

INVITATION FOR BIDS (IFB)

FOR

**ENGAGEMENT OF TECHNOLOGY LICENSOR FOR METHANATION UNIT IN COAL
GASIFICATION BASED SYNTHETIC NATURAL GAS (SNG) PROJECT AT NTPC TALAIPALLI**

LOCATED AT

DISTT - RAIGARH, STATE OF CHHATTISGARH, INDIA

(International Competitive Bidding)

Tender Id. No.: 2026_NTPC_112049_1

IFB No.: CS-7014-940-9

Date: 19.09.2026

A. NTPC invites on-line bids for Engagement of Technology Licensor for Methanation Unit in Coal Gasification based Synthetic Natural Gas (SNG) Project at NTPC Talaipalli, Chhattisgarh at website- <https://eprocurentpc.nic.in/> on **Single Stage Two Envelope Basis (i.e., Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid)** from eligible Bidders for aforesaid package, as per the scope of work briefly mentioned hereinafter.

B. BRIEF SCOPE OF WORK

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.

Note: Detailed scope of work has been specified in the bidding documents.

C. NTPC intends to finance the subject package through a mix of debt and equity.

D. Detailed specification, scope of work and terms & conditions are given in the Bidding Documents, which are available at the GePNIC (e-tender) portal at <https://eprocurentpc.nic.in/>. The Bidding Schedule* for the Tender is as under:

Issuance of IFB	19.09.2026
Start of Documents Sale	19.09.2026

Pre-Bid Conference Date	06.10.2026
Last Date of Receipt of Query	06.10.2026
Bid submission deadline [Envelope-I (Techno–Commercial) & Envelope-II (Price) bid]	26.10.2026 up to 1300 Hrs.(IST)
Bid Opening Date & Time for Envelope-I (Techno–Commercial) bid	26.10.2026 at 1530 Hrs.(IST)

Note: *Bidders are advised to visit the GePNIC (e-tender) portal of NTPC for updated bidding schedule of the Tender, if any.

It is to be noted that “No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries as specified at GePNIC portal of NTPC.

- E. All bids must be accompanied by Bid Security for an amount of INR 2,00,00,000/- (Indian Rupees Two Crore only) or US Dollars 209,000 (US Dollars Two Hundred and Nine Thousand Only) in the form as stipulated in the Bidding Documents.**

“ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY SHALL BE REJECTED BY THE EMPLOYER AS BEING NON-RESPONSIVE.

IN CASE THE BID SECURITY IS DEPOSITED BY THE BIDDER IN THE FORM OF E-BG/THROUGH ELECTRONIC FUND TRANSFER (EFT), BIDDER TO SUBMIT THE COPY OF E-BG/PROOF OF EPAYMENT OF BID SECURITY IN THE E-TENDERING PORTAL.

IN CASE THE BID SECURITY (OTHER THAN BG) IS DEPOSITED BY THE BIDDER IN PHYSICAL FORM, BIDDER TO SUBMIT THE ORIGINAL INSTRUMENT IN SEPARATE SEALED ENVELOPE AND A COPY OF THE SAME IN THE E-TENDERING PORTAL.

ALL BANK GUARANTEES SHALL BE SUBMITTED IN THE FORM OF E-BG THROUGH NESL PLATFORM AND NO PHYSICAL BGs SHALL BE ACCEPTED.

ELECTRONIC FUND TRANSFER (EFT) WILL BE MADE AT GePNIC portal (<https://eprocurentpc.nic.in/nicgep/app>) only.”

- F. A complete set of Bidding Documents may be downloaded by any interested Bidder from the e-Tender Portal as per specified schedule. The tender is invited under e-tendering process. The bidders can enroll themselves on the website <https://eprocurentpc.nic.in/>. The use of Digital Signature Certificate (DSC) Class-3 key is mandatory for e-tendering activities. Accordingly, bidders should have Digital Signature Certificate (DSC) key of Class 3 to participate in e-tendering. Bidders, if required, can obtain DSC Class-3 key from agencies authorized by Govt. of India. The e-Tender Portal also has the user manuals with detailed guidelines on enrolment and participation in the bidding process.**

No hard copy of Bidding Documents shall be issued. Bids shall be submitted only at the e-Tender Portal i.e. <https://eprocurentpc.nic.in/>

- G. Qualifying Requirements for Bidders (QR):**

Qualifying Requirement (QR) for subject package is attached as **Appendix-I.**

- H. All Class-I Local Supplier, Class-II Local suppliers and Non-Local suppliers 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. However, Purchase preference shall be given to Class-I local suppliers only. The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.**

- I. 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.

- J. Transfer of Bidding Documents by one intending Bidder to another is not permissible.
- K. Downloading/Issuance of Bidding Documents and /or submission of Bid shall not construe that such Bidder is considered to be qualified.
- L. 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.

M. Address for Communication:

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Pin - 201 301
Tel. No.: +91-9650991817/9650992301
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Websites: <https://eprocurentpc.nic.in/> or www.ntpctender.ntpc.co.in or www.ntpc.co.in

N. Registered Office

NTPC Limited
NTPC Bhawan, SCOPE Complex,
7, Institutional Area, Lodi Road,
New Delhi – 110003

Corporate Identification Number: L40101DL1975GOI007966,
Website: www.ntpc.co.in

Qualifying Requirement for Engagement of Technology Licensor for Methanation Unit in Coal Gasification based Synthetic Natural Gas (SNG) Project at NTPC Talaipalli, Chhattisgarh, India.

In addition to the requirements stipulated under section Instruction to bidder (ITB), the bidder should also meet the qualifying requirements stipulated hereunder.

1.0 TECHNICAL CRITERIA

1.1 BIDDER QUALIFICATION CRITERIA (BQC-TECHNICAL)

1.1.1 The Bidder must be a licensor of Methanation Unit.

1.1.2 The bidder must have licensed a Methanation unit (hereinafter called Reference unit #1A) of minimum Synthetic Natural Gas (SNG) production capacity of 500 KTPA in a single train.

1.1.3 The reference unit #1A:

- i. Should have been licensed within the last twenty (20) years as on the date of Techno-Commercial bid opening.
- ii. Should have been for a client other than Licensor himself (i.e., Unit should be non-captive)
- iii. Should have completed at least one year of operation as on the date of Techno-Commercial bid opening

2.0 FINANCIAL CRITERIA

2.1 The average annual turnover (AATO) of the Bidder on standalone basis, in the preceding three (3) financial years as on the date of Techno-Commercial bid opening, should not be less than ₹541 Million (Rupees five hundred forty-one Million Only) or in equivalent foreign currency.

2.2 In case a Bidder does not satisfy the 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 its Techno-Commercial 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 award.

2.3 (a) The Net worth of the Bidder should not be less than 25% (Twenty five percent) of its paid-up share capital as on the last day of the preceding Financial Year reckoned from the date of Techno commercial bid opening.

And

b) The Net Worth of the bidder should not have eroded by more than 30% in last three financial years.

However, Clause (b) shall not be applicable if Net Worth is equal to or more than 100% of paid-up Share capital.

In case the Bidder does not meet the Net worth criteria on its own, it can meet the requirements of Net worth based on the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of the Holding Company, wherever applicable. In such a case, however, the Net worth of the Bidder and its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of the Holding Company, in combined manner, should not be less than 100% of the paid-up share capital. However, the individual Net Worth of the bidder should be Positive and for others the Net Worth should be at least 75% of their respective Paid-Up share capitals.

Net worth in combined manner shall be calculated as follows:

Net worth (combined)= $[(X1+ X2 +X3) / (Y1 +Y2+Y3)] \times 100$

Where X1, X2, X3 are individual Net worths and Y1, Y2, Y3 are individual paid-up share capitals.

2.4 In case the Bidder is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the Bidder can be considered acceptable provided the Bidder further furnishes the following documents for substantiation of its qualification:

- (i) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.
- (ii) A Certificate from the CEO/CFO of the Holding Company, as per the format enclosed with the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statements of the Holding Company.

In cases 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, Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the 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 the date of Techno-commercial bid opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.

Notes for Clause 2.0 FINANCIAL CRITERIA:

- i) (a) In case of a Company, "Net Worth" means the sum total of the paid-up share capital and free reserves. "Free reserves" means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
(b) In case of sole proprietorship/partnership, "Net Worth" means the aggregate of the balances in the Capital Account and the Current Account, where the Current Account is maintained to record regular transactions such as drawings, share of profit, interest on capital and other owner/partner related adjustments. The aggregate of balances should be positive.
- ii) Annual turnover shall mean Revenue from Operations of standalone Financial Statements of the Bidder and other income shall not be considered for arriving at annual turnover. While working out annual turnover of a bidder for the purpose of QR during bid evaluation, Taxes & Duties separately indicated (if any), in the Profit & Loss account shall not be considered.
- iii) For annual Turnover indicated in foreign currency, exchange rate as on seven (7) days prior to the Techno-Commercial bid opening shall be used. In case the exchange rate as on (7) days prior to the date of Techno Commercial bid opening is not available, the exchange rate as on the next available day shall be considered.
- iv) "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act 2013, as amended from time to time.
- v) If a bidder is not required to get its accounts audited under section 44AB of the Income Tax Act, 1961, the financial statements duly certified by a practicing Chartered Accountant shall be considered acceptable along with a certificate from chartered Accountant that bidder is not liable for audit under section 44AB.
- vi) In case a bidder meets the technical QR but could not furnish his / their audited financial statement of last three financial years for evaluating the average Annual turnover, due to the incorporation / formation of the bidder, within a period of less than 3 years from the original scheduled date of tender opening, then, such bidder shall also be considered and the Average annual turnover of such bidder shall be arrived at as below:

- a. If such bidder furnishes audited financial statements for the last financial year only, then such bidder's average Annual turnover shall be arrived at by dividing the Turnover of the last financial year by 1.5.
- b. If such bidder furnishes audited financial statements for the last two financial years only, then the bidder's average Annual turnover shall be arrived at by dividing the sum of Turnover of last two financial years by 2.5.

Note for Clause (1.0.0) & (2.0)

For the purpose of this tender, any reference to the date of Techno-commercial bid opening for qualifying requirements, wherever mentioned in the qualifying requirements, shall be taken as the date of Techno-commercial bid opening specified in the initial published NIT/IFB