

NTPC LIMITED
(A Government of India Enterprise)

CORPORATE CONTRACTS, NOIDA

INVITATION FOR BIDS (IFB)

FOR

**GREAT NICOBAR ISLAND GAS ENGINE POWER PROJECT (108 MW \pm 5 MW) EPC
PACKAGE**

LOCATED AT

GREAT NICOBAR ISLAND

(International Competitive Bidding)

IFB No.: CS-6401-001-2

Tender Id. No.: 2026_NTPC_104283_1

Date: 06.06.2026

- 1.** NTPC invites on-line bids for Great Nicobar Island Gas Engine Power Project (108 Mw \pm 5 Mw) EPC Package on GePNIC portal of NTPC at website-<https://eprocurementpc.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.

2. BRIEF SCOPE OF WORK

The scope of work includes Design, Engineering, Supply, Erection, Testing & Commissioning works for Great Nicobar Island Engine based Gas Power Project (108 \pm 5 MW) on the basis of a single point responsibility for complete EPC package including civil works, covering the following activities and services in respect of all the equipment specified and covered under the technical specifications.

1. Engines (compatible to fire 20 to 25% Hydrogen by volume)
2. Generator with excitation system
3. Engine exhaust system including chimney & continuous emission monitoring system.
4. NOx Control system (if required) to maintain Nox level less than 80ppm (dry volume basis corresponding to 15% excess oxygen in Engine exhaust)
5. Engine lube oil system
6. All galleries, walkways and platforms
7. Thermal Insulation
8. Intake gas system
9. Intake air system/ Starting air system
10. Engine cooling water system including radiator.

11. Control System
12. Erection and Commissioning of complete plant
13. Arrangement to make gas available at required parameters as per engine requirement
14. Raw Water Pumps with drive near Reservoir (Inside Plant Boundary) and associated water system.
15. Compressed air system for Instrument air & Service air.
16. Fire detection & Protection system
17. Fire Extinguisher & Fire Tenders
18. Air Conditioning System
19. Ventilation System
20. Elevator, crane, hoist & Forklift.
21. Complete Control & instrumentation system with all required measuring, controlling & monitoring Instruments.
22. Generator & Auxiliary system.
23. Power Transformers, Auxiliary Transformer & their maintenance testing & monitoring equipment.
24. 132/33 KV Indoor GIS
25. MV Switchgear, LV Switchgear & LV Busduct
26. DC System – Battery & battery Charger.
27. HT power cable/ LT Power & Control cables.
28. Station Lighting & DG Sets.
29. Rooftop Solar.
30. Cabling, Earthing, lighting protection
31. Training of Employer's Personnel
32. Basic Engineering of the plant including preparation of plant design manuals for the power project.
33. Detailed design of all the equipment and system(s) including civil, structural steel works included in bidder's scope for the Project.
34. Providing engineering drawings, equipment sizing & performance data, instruction manuals, as built drawings, O&M manuals and other information for Employer's approval.
35. Compliance with statutory requirements and obtaining clearances from statutory authorities, wherever required.
36. Complete manufacturing including shop testing/type testing.
37. Complete civil, structural and Architectural works, including topographical survey, providing construction offices, field laboratory, construction equipment, construction power and construction water.
38. Packing and transportation from the manufacturer's work to the site including customs clearance/port clearance, port charges, if any.
39. Receipt, storage, preservation and conservation of equipment at the site.
40. Fabrication, pre-assembly, if any, erection, testing and putting into satisfactory operation all the equipment including successful completion of facilities.

<p>GREAT NICOBAR ISLAND GAS ENGINE POWER PROJECT (108 MW ±5 MW) BIDDING DOCUMENT NO: CS-6401-001-2</p>	<p>EPC PACKAGE SECTION - I (IFB)</p>	<p>PAGE 3 OF 6</p>
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41. Reliability tests and owner acceptance including the tests for performance demonstration after successful completion of facilities.
42. Furnishing of spares on FOR (Freight on Road) site basis.
43. Reconciliation with customs authorities, in case of foreign bidders.
44. Satisfactory conclusion of the Contract.
45. Insurance and other requirements for the complete Power plant package in accordance with the provisions of general conditions of contract of the bidding document.
46. One year supervision during operation and maintenance with deputation of 1 operation and 1 maintenance expert post successful completion of initial/trial operations & Performance guarantee tests including Demonstration tests (whichever occurs later).
47. Execution and completion of civil, structural, architectural, and electrical works for the enabling township

The Power plant is expected to run for its life on RLNG as fuel for the project along with its compatibility to fire 20 to 25% Hydrogen by volume.

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

3. NTPC intends to finance Great Nicobar Island Gas Engine Power Project (108 Mw \pm 5 Mw) EPC Package through a mix of debt and equity.
4. All bids must be accompanied by Bid Security for an amount of **INR 20,00,00,000/- (Indian Rupees Twenty Crore only) or USD 2,095,400 (US Dollars Two Million Ninety Five Thousand Four Hundred 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. 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:

<p>GREAT NICOBAR ISLAND GAS ENGINE POWER PROJECT (108 MW \pm 5 MW) BIDDING DOCUMENT NO: CS-6401-001-2</p>	<p>EPC PACKAGE SECTION - I (IFB)</p>	<p>PAGE 4 OF 6</p>
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Issuance of NIT	06.06.2026
Start of Documents Sale	06.06.2026
Pre-Bid Conference Date	29.06.2026
Last Date of Receipt of Query	02.07.2026
Bid submission deadline [Envelope-I (Techno-Commercial) & Envelope-II (Price) bid]	14.07.2026 up to 1300 Hrs.(IST)
Bid Opening Date & Time for Envelope-I (Techno-Commercial) bid	14.07.2026 at 1530 Hrs.(IST)
Bid Opening Date & Time for Price-Bid	Shall be intimated separately

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.

6. Qualifying Requirements for Bidders (QR):

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

7. All Class-I local supplier, Class-II local supplier and Non-Local supplier are eligible for participation in the tender. However, Purchase preference shall be given to Class-I local suppliers only
8. A complete set of Bidding Documents may be downloaded by any interested Bidder from the e-Tender Portal free of cost as per specified schedule. The tender is invited under e-tendering process. The bidders can enroll themselves on the website <https://eprocurementpc.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://eprocurementpc.nic.in/>

9. 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.

10. Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.
11. Downloading/Issuance of Bidding Documents and /or submission of Bid shall not construe that such Bidder is considered to be qualified.
12. 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.

13. Address for Communication:

Sr. Mgr. (CS)/DGM (CS)/AGM(CS)
NTPC Limited,
6th Floor, Engineering Office Complex,
A-8A, Sector-24, NOIDA,
Distt. Gautam Budh Nagar, (UP), INDIA
Pin - 201 301
Tel. No.: +91-01204946545/9650997982//01204946522/9650099276/9650991817

E-mail: priyanka@ntpc.co.in / amitk@ntpc.co.in / bmandal@ntpc.co.in

Websites: <https://eprocurementpc.nic.in/> or www.ntpc.co.in or www.ntpc.co.in

14. 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

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Appendix-I

Qualifying Requirements for Great Nicobar Island Gas Engine Power Project (108 MW ±5 MW) EPC Package:

In addition to the requirements stipulated under section Instructions to Bidder (ITB), the Bidder should also meet the qualifying requirements stipulated hereunder in clauses 1.1.0 or 1.2.0 or 1.3.0 as the case may be and the clause 2.0.0 along with the notes:

Technical Criteria

1.1.0 Route 1: Engine Manufacturer

The Bidder should be an Engine manufacturer who has designed, manufactured, supplied and commissioned/ supervised commissioning of at least one (01) Gas Engine for power generation, having minimum rating as that of the offered Gas Engine which should have logged a minimum of 4000 fired/operating hours since commissioning and should have been in successful operation, for a period of at least one (01) year, prior to the date of techno-commercial bid opening.

1.2.0 Route 2: Engineering, Procurement & Construction

1.2.0(i) The bidder should have executed in last 10 years contracts involving engineering, supply, erection/supervision of erection, commissioning/supervision of commissioning, in the area of power, steel, oil & gas, petro-chemical, fertilizer, **flue gas desulphurization, cement** and / or any other process industry with the total value of such contracts being INR 1000 million or more. At least one such contracts should have a contract value of INR 300 million or more. These projects should have been in successful operation for a period of not less than one (01) year prior to the date of techno-commercial bid opening.

1.2.0(ii) The Bidder shall associate/collaborate with an Engine Manufacturer meeting requirements of 1.1.0 above, who shall also be the supplier of the Gas Engines for this contract. In such an event, the Bidder along with its techno-commercial bid, shall furnish a letter of undertaking from above associate/collaborator, as per format enclosed in the bidding documents, for successful performance of Gas Engines, failing which the bidder shall be disqualified, and its bid shall be rejected.

1.3.0 Route-3: Indian Subsidiary Company of Engine Manufacturer

The Bidder should be an Indian subsidiary of a firm meeting the requirements of clause 1.1.0. The firm meeting the requirement of clause 1.1.0 shall be the supplier of Gas Engines for this contract.

Further the bidder should have executed/be executing in last 10 years contracts involving engineering, supply, erection/supervision of erection, commissioning/supervision of commissioning, in the area of power, steel, oil & gas, petro-chemical, fertilizer, flue gas desulphurization, cement and / or any other process industry with the total value of such contracts being INR 1000 million or more. At least one of such contracts should have a contract value of INR 300 million or more.

Note:

1. For qualification under clause 1.1.0 or 1.2.0 or 1.3.0, a firm can meet the requirements stipulated under clause 1.1.0 or 1.2.0 or 1.3.0 above either singularly or collectively along with its Subsidiaries (held directly or indirectly)/ Holding Company. In case of the firm meeting the requirements of clause 1.1.0 or 1.2.0 or 1.3.0 collectively along with its subsidiary(ies)/ Holding Company, the Bidder along with its techno-commercial bid shall furnish a letter jointly signed by the bidder and the Holding Company/ all its Subsidiary(ies) extending support to the bidder for complying the requirements of clause 1.1.0 or 1.2.0 or 1.3.0 for successful performance of the Contract, as per the format enclosed in the bidding documents, failing which the Bidder shall be disqualified and its bid shall be rejected.
- 2a. The word “executed” in Clause 1.2.0(i) & Clause 1.3.0 means the Bidder should have:
 - (i) in case of Project(s), commissioned the project(s) specified in the Clause 1.2.0(i)/ Clause 1.3.0 even if the contract has been started earlier and / or is not completed / closed.
 - (ii) in case of Contract(s), completed the scope of work under the contract(s) specified in the Clause 1.2.0(i)/ Clause 1.3.0 even if the contract has been started earlier and / or is not closed.
- 2b. The word “be executing” in Clause 1.3.0 means the Bidder should have received the contract prior to the date of techno-commercial bid opening.
3. **For Clause 1.2.0 & 1.3.0** -The value of executed works shall be given a simple weightage to bring them at current price level by adding 5% for each year on prorata basis after the end date of completion/execution of the reference work, till the last day of month previous to one in which NIT has been invited.

The specified value of executed works (i.e. INR 1000 million or more and INR 300 million or more) is excluding any taxes and duties.

2.0.0 Financial Criteria:

2.1.0 Financial Criteria for the Bidder

2.1.1 The average annual turnover of the Bidder, in the preceding three (3) financial years as on the date of techno-commercial bid opening, should not be less than **INR 4410 Million (Indian Rupees Four Thousand Four Hundred and Ten Million only)** or in equivalent foreign currency.

In case a 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 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.

2.1.2 Net worth should not be less than 100% (hundred percent) of the bidder's paid up share capital as on the last day of the preceding financial year. In case the Bidder does not meet 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. In such a case, however the Net worth of the Bidder and its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of the Holding Company, in 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.

Net worth in combined manner shall be calculated as follows:

$$\text{Net worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100$$

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.

2.1.3 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 furnishes the following further documents on 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 in the bidding documents, stating that the unaudited unconsolidated financial statements form part of the Consolidated Annual Report of the Company.

2.1.4 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, the Certificate from a practicing Chartered Accountant certifying financial results is not available, 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 respective 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 financial results certified by a practicing Chartered Accountant are not available”**.

2.2.0 Financial Criteria for the Collaborator(s) / Associate (s)

2.2.1 The average annual turnover of the **Collaborator(s) / Associate(s)**, in the preceding three (3) financial years as on the date of techno-commercial bid opening, should not be less than **INR 2200 Million (Indian Rupees Two Thousand Two Hundred Million only)** or in equivalent foreign currency.

In case the Collaborator/Associate does not satisfy the average annual turnover criteria above on its own, its Holding Company would be required to meet the stipulated turnover requirements at Cl. 2.2.1 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 Collaborator/Associate would be required to furnish along with bidder's Techno-Commercial bid, a Letter of Undertaking from the Holding Company, supported by Board Resolution of the Holding Company, as per the format enclosed with the bidding documents, pledging unconditional and irrevocable financial support to the Collaborator/Associate to honour the terms and conditions of the Undertaking in case of award of the Contract to the Bidder with whom Collaborator/Associate is associated.

2.2.2 The Net Worth of each Collaborator/Associate, as on the last day of the preceding financial year as on the date of Techno-commercial bid opening should not be less than 100% (hundred percent) of its paid-up share capital. In case the Collaborator/Associate does not meet 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. In such a case, however the Net worth of the Collaborator/Associate and its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of the Holding Company, in 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.

Net worth in combined manner shall be calculated as follows:

$$\text{Net worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100$$

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.

2.2.3 In case the Collaborator(s) / Associate(s) is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the Collaborator(s) / Associate(s) can be considered acceptable provided the Collaborator(s) / Associate(s) furnishes the following further documents on substantiation of its qualification:

- (i) Copies of the unaudited unconsolidated financial statements of the Collaborator(s) / Associate(s) along with copies of the audited consolidated financial statements of the Holding Company of Collaborator(s) / Associate(s).
- (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 of Collaborator/Associate.

2.2.4 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, the Certificate from a practicing Chartered Accountant certifying financial results is not available, 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 respective 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 financial results certified by a practicing Chartered Accountant are not available”*.

2.3.0 Financial Criteria for the Holding Company (in case of Bidder participating through Route-3)

The Holding company should meet the financial criteria as given in clause 2.1.0 for Bidder.

NOTES:

- (i) Net worth means the sum total of the paid-up share capital and free reserves. Free reserve 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.

- (ii) Other income shall not be considered for arriving at annual turnover.
- (iii) "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act of India.
- (iv) For annual Turnover indicated in foreign currency, the exchange rate as on seven (7) days prior to the date of Techno-Commercial bid opening shall be used.
- (v) For Turnover and Net worth, only standalone Financial Statement of Bidder/Associate/Collaborator/Holding/subsidiary(s) shall be considered.