# INVITATION FOR BIDS

## NTPC GREEN ENERGY LIMITED

*(A Subsidiary of NTPC Limited)*

**CONTRACTS SERVICES**

**INVITATION FOR BIDS (IFB)**
**FOR**
**SUPPLY OF BATTERY CONTAINERS AND GRID-FORMING PCS FOR 10 GW / 40 GWh BESS PROJECTS**

**(International Competitive Bidding)**

**IFB No.: NGEL-CS-5853-004(BESS)-9** **Date: 09.11.2026**

**ETS Portal Tender Search Code: NGEL-2026-TN000012**

**Bidding Document No: NGEL-CS-5853-004(BESS)-9**

**1.0** **NTPC Green Energy Limited (NGEL)** invites online bids from eligible bidders on Single Stage Two Envelope (Envelope-I – Techno-Commercial Bid with NIL deviation and Envelope-II – Price Bid) bidding basis for Supply of Battery Containers and Grid-Forming PCS for 10 GW/ 40 GWh BESS Projects**.**

**2.0** **BRIEF SCOPE OF WORK**

The scope of work shall comprise:

- Supply of the LFP Based Containerized Battery System along with Grid Forming Power Conversion Systems (PCS).
- Supervision of erection, installation and commissioning at project sites, up to the PCS output terminals.
- Comprehensive service and maintenance for 15 (fifteen) years from the date of commissioning of each project, through a Long Term Service Agreement (LTSA).

The detailed scope of work is as defined in the bidding document No.: **NGEL-CS-5853-004(BESS)-9.**

**3.0** NGEL intends to finance the subject package through Own Resources and/or External Borrowings.

**4.0** Detailed specification, Scope of work and Terms & Conditions are given in the bidding documents, which are available for examination and downloading at e-tender portal (as specified in this notice) and as per the following schedule:

| | |
|---|---|
| IFB No. | **NGEL-CS-5853-004(BESS)-9** |
| ETS Portal Tender Search Code (TSC) | **NGEL-2026-TN000012** |
| IFB Date | 09.11.2026 |

| | | |
|---|---|---|
| Period of Downloading of Bidding Documents | From 12.11.2026 to 23.11.2026 | |
| Pre-Bid Conference and Last Date for receipt of queries from prospective Bidders | 24.11.2026 | |
| Last date and time for receipt of both Techno-Commercial bids & Price Bids | 08.12.2026 | 15:00:00 (IST) |
| Date and time for opening of Envelope-I (Techno-Commercial) bids | 08.12.2026 | 15:30:00 (IST) |
| Date and time for opening of Envelope-II (Price) bids | To be intimated separately | |
| Cost of Bidding Documents | **NIL** | |

***No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries/ Pre-Bid Conference as specified above.***

**5.0** All bids must be accompanied by Bid Security for an amount as mentioned below in the form as stipulated in the Bidding Documents.

A bidder may quote for any one, more than one or all Blocks, in any one or more phases from the following block:

| Block No. | Phase | Deliverable Capacity (GWh) |
|---|---|---|
| B-1 | Phase 1 | 4.980 |
| B-2 | Phase 1 | 6.600 |
| B-3 | Phase 1 | 5.840 |
| B-4 | Phase 2 | 4.560 |
| B-5 | Phase 3 | 5.800 |
| B-6 | Phase 3 | 6.800 |
| B-7 | Phase 3 | 6.000 |
| **Total** | | **40.580** |

The minimum quantity that may be quoted is one Block. Each Block shall be quoted for its full capacity; bids for part of a Block shall be rejected.

Accordingly, the amount of bid security applicable as per the bid capacities shall be as under:

| Sl. No. | Blocks | Quote Capacity (in GWh) | Bid Security Amount (in INR) | Bid Security Amount (in USD) |
|---|---|---|---|---|
| 1 | Any combination of blocks | up to 5 GWh (considering the minimum block size) | **INR 50.00 Crore** | **5,253,200.00** |
| | | From 5 GWh to 10 GWh | **INR 100.00 Crore** | **10,506,400.00** |

| | | | | |
|---|---|---|---|---|
| | | Above 10 GWh | **INR 200.00 Crore** | **2,10,12,800.00** |

**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 THROUGH ELECTRONIC FUND TRANSFER (EFT)/e-BANK GUARANTEE (e-BG), BIDDER TO SUBMIT THE COPY OF e-BG / PROOF OF E-PAYMENT OF BID SECURITY IN SEPARATE SEALED ENVELOPE.**

(In case of Bidders opting for Bank Guarantee as bid security but unable to submit the Original Bank Guarantee in physical form at the tender opening location, before the deadline for submission of bids, may adopt the procedure stipulated in Bidding documents).

**6.0 QUALIFYING REQUIREMENTS FOR BIDDERS**

In addition to the requirements stipulated under section Instruction to Bidder (ITB), the Bidder should also meet the qualifying requirements stipulated hereunder in Clause 1.0 & Clause 2.0

**1.0 TECHNICAL CRITERIA**

**1.1** The bidder should have manufactured and supplied Containerized Battery System of cumulative capacity of minimum 4000.0 MWh in one or maximum 10 orders during last three years as on the date of Techno-commercial bid opening, out of which at least one supply order should be of minimum 500 MWh capacity.

**OR**

**1.2** **(a)** The bidder should be an Indian company, registered in India and should have manufactured and supplied Containerized Battery System of cumulative capacity of minimum 80.0 MWh for grid interactive battery energy storage system(s), out of which at least one supply order should be of minimum 20.0 MWh capacity.

**AND**

**(b)** The bidder should associate with a Qualified Manufacturer of Containerized Battery System who fully meets the requirements specified at Clause 1.1 above. In such a case, the Bidder shall furnish an undertaking jointly executed by the Bidder and such Qualified Manufacturer of Containerized Battery System (qualified as per Clause 1.1) along with its techno commercial bid for complete performance of the contract jointly and severally as per format enclosed in the bidding document, failing which, the Bidder's bid is liable to be rejected**.**

**OR**

**1.3** **(a)** The bidder should be an Indian company, registered in India and should have supplied, installed/ supervised installation and commissioned/ supervised commissioning of grid interactive battery energy storage system(s) of cumulative installed capacity of minimum

80.0 MWh, out of which at least one grid interactive battery energy storage system should be of minimum 20.0 MWh capacity.

**AND**

**(b)** The bidder should associate with a Qualified Manufacturer of Containerized Battery System who fully meets the requirements specified at Clause 1.1 above. In such a case, the Bidder shall furnish an undertaking jointly executed by the Bidder and such Qualified Manufacturer of Containerized Battery System (qualified as per Clause 1.1) along with its techno commercial bid for complete performance of the contract jointly and severally as per format enclosed in the bidding document, failing which, the Bidder's bid is liable to be rejected.

**OR**

**1.4** **(a)** The Bidder should be an Indian company, registered in India and should have designed, supplied, erected/ supervised erection and commissioned/ supervised commissioning of Solar Photo Voltaic (SPV)/Wind based grid connected power plant(s) of cumulative installed capacity of 40 MWAC or higher, out of which at least one plant should have been of 10 MWAC or higher capacity.

**AND**

**(b)** The bidder should associate with a Qualified Manufacturer of Containerized Battery System who fully meets the requirements specified at Clause 1.1 above. In such a case, the Bidder shall furnish an undertaking jointly executed by the Bidder and such Qualified Manufacturer of Containerized Battery System (qualified as per Clause 1.1) along with its techno commercial bid for complete performance of the contract jointly and severally as per format enclosed in the bidding document, failing which, the Bidder's bid is liable to be rejected.

**OR**

**1.5** **(a)** The bidder should be an Indian company, registered in India and should have executed in the last ten (10) years as on the date of Techno-commercial bid opening at least one (1) industrial project either as developer or as EPC Contractor in the area of power/ steel/ oil and gas/ petrochemical/ fertilizer/cement/ or any other process industry.

**AND**

(b) The bidder should have executed at least one (1) Electrical Sub-station of minimum 33kV voltage level, consisting of equipment such as 33kV or above voltage level circuit breakers and power transformers, either as developer or as EPC Contractor.

The works referred to in Clause 1.5(a) & 1.5(b) can be in same or different projects.

**AND**

(c) The bidder should associate with a Qualified Manufacturer of Containerized Battery System who fully meets the requirements specified at Clause 1.1 above. In such a case, the Bidder shall furnish an undertaking jointly executed by the Bidder and such Qualified Manufacturer of Containerized Battery System (qualified as per Clause 1.1) along with its techno commercial bid for complete performance of the contract jointly and severally as per format enclosed in the bidding document, failing which, the Bidder's bid is liable to be rejected.

**OR**

**1.6** The bidder should be Group company/Holding Company/Subsidiary company of a firm meeting the requirement (s) of Clause 1.1. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified as per clause 1.1 and the Bidder along with its bid for complete performance of the contract jointly and severally as per format enclosed in the bid document, failing which the Bidder's bid is liable to be rejected.

**OR**

**1.7** The bidder should be an Indian company, registered in India and should be Group company/Holding Company/Subsidiary company of a firm meeting the requirement (s) of Clause 1.2(a), 1.3(a), 1.4(a) or 1.5(a & b) above. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified as per clause 1.2(a), 1.3(a), 1.4(a) or 1.5(a & b) and the Bidder along with its bid for complete performance of the contract jointly and severally as per format enclosed in the bid document, failing which the Bidder's bid is liable to be rejected.

In case the Indian company, registered in India is Group company/Holding Company/Subsidiary company of a firm meeting the requirement (s) of Clause 1.2(a), 1.3(a), 1.4(a) or 1.5(a & b) above, the bidder can participate provided they associate with a Qualified Manufacturer of Containerized Battery System who fully meets the requirements specified at Clause 1.1 above. In such a case, the Bidder shall furnish an undertaking jointly executed by the Bidder and such Qualified Manufacturer of Containerized Battery System (qualified as per Clause 1.1) along with its techno commercial bid for complete performance of the contract jointly and severally as per format enclosed in the bidding document, failing which, the Bidder's bid is liable to be rejected.

**Notes for Clause 1.0:**

**a.** For clauses 1.1 and 1.2, the reference Containerized battery system shall be Battery Containers with LFP technology-based Battery.

**b.** For clause 1.1 and 1.2, "MWh capacity" shall mean the nameplate manufactured and supplied capacity, not the output energy capacity.

**c.** For clause 1.1 and 1.2, "supplied" shall mean that the reference capacity of Containerized battery system is delivered at location.

**d.** For clause 1.1, reference projects for meeting cumulative manufacturing and supply experience of minimum 4000 MWh, may or may not be commissioned.

**e.** For clause 1.1, the reference supply order should be such that minimum 500 MWh should be supplied at a single location.

**f.** For clause 1.2(a), reference projects for meeting cumulative manufacturing and supply experience of 80 MWh, may or may not be commissioned.

**g.** For clause 1.2(a), the reference grid interactive battery energy storage system, where supply of minimum 20.0 MWh has been done, should be at a single location.

**h.** For clause 1.3(a), Projects with Battery supplied by developer/owner as free issue item to bidder shall also be considered eligible for QR purpose.

**i.** For clause 1.3(a), the reference grid interactive battery energy storage system of minimum 20.0 MWh capacity should be at a single location developed by Bidder for itself or any other client.

**j.** For clause 1.2(a) and 1.3(a), Grid interactive Battery Energy Storage System (BESS) shall consist of Battery System (BS), Power Conversion System (PCS) & Energy Management System (EMS) and used for grid connected renewable energy application or energy time shifting/ peak shaving application or frequency regulation application or Load leveling application and the same shall have to be established by bidder by providing relevant supporting documents.

**k.** For Clause 1.4(a), the reference SPV/Wind-based grid-connected power plant of 10MWAC or above capacity should be at a single location developed by Bidder for itself or any other client.

**l.** For clause 1.4(a), SPV based Roof-top/Floating solar power projects, which are grid connected, shall also be considered eligible for QR purposes.

**m.** For Clause 1.4(a), reference plants with solar PV module/Wind Turbine supplied by developer/owner as free issue item to bidder shall also be considered eligible for QR purpose.

**n.** For Clause 1.4(a), bidder shall provide relevant support documents to establish that reference projects are Grid Connected.

**o.** For clause 1.5(a&b), developer means an entity who has either executed or got executed the work/project as owner of industrial projects.

**p.** For clause 1.5(a&b), the execution of industrial project as EPC Contractor means that such EPC Contractor is responsible for all the activities i.e. Design/Engineering, Procurement, Construction (with/without civil works) and Commissioning of the project/work.

**q.** For Clause 1.5, the portion of work related to power transformers such as supply and /or installation mentioned at cl. no. 1.5 (b) can either be done by EPC contractors themselves or by the owner.

**r.** Direct/Indirect Order

The bidder shall also be considered qualified, in case the award for executing the reference work has been received by the bidder either directly from the owner of the plant or any other intermediary organization. In such a case, a certificate from such owner of plant or any other intermediary organization shall be required to be furnished by the bidder along with its techno-commercial bid in support of bidder's claim of meeting the qualification requirement as per different clauses.

**2.0 FINANCIAL CRITERIA**

2.1 The average annual turnover (AATO) of the bidder during the preceding three (3) financial years as on the date of Techno-commercial bid opening, should not be less than INR 69 Lacs * Bidder's Total Quoted Capacity in MWh (INR Sixty-Nine Lacs * Quoted Capacity in MWh).

In case the 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.

2.2 (a) Net worth of the bidder should not be less than 25% (Twenty five percent) of the Bidder's 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) Net Worth of the bidder should not have eroded by more than 30% in last three Financial Years.

However, Clause (b) is not 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 requirement 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 Subsidiary(ies) 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% (seventy five percent) 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) X 100

where X1, X2, X3 are individual Net worth and Y1, Y2, Y3 are individual paid up share capitals.

2.3 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 further furnishes the following documents on substantiation of its qualification:

a) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.

b) 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 financial statement 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:**

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. "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act 2013, as amended from time to time.

iv. For annual Turnover indicated in foreign currency, exchange rate as on seven (7) days prior bto the Techno-Commercial bid opening shall be used.

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. If the bidder is meeting the requirements stipulated at Clause 1.2 (a & b), 1.3 (a & b), 1.4 (a & b) or 1.5 (a & b & c), then, the average annual turnover (AATO) of the Qualified Manufacturer of Containerized Battery System, being associated with the bidder, during the preceding three (3) financial years as on the date of Techno-commercial bid opening should not be less than INR 69 Lacs * Bidder's Total Quoted Capacity in MWh (INR Sixty-Nine Lacs*Quoted Capacity in MWh)..

vii. 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.

viii. Group Company' means two or more enterprises which, directly or indirectly, are in a position to:

a) Exercise twenty-six percent or more of voting rights in other enterprises.
Or
b) Appoint more than fifty percent of members of Board of Directors in the other enterprise.

The meaning of Holding/Subsidiary/Group Company mentioned above shall be applicable for Clause 1.6 and 1.7 also.

**7.0** NGEL reserves the right to reject any or all bids or cancel/ withdraw the Invitation for Bids without assigning any reason whatsoever and in such case no bidder/ intending bidder shall have any claim arising out of such action.

**8.0** Interested parties are required to get registered with M/s ISN Electronic Tender Services (ETS) website https://www.bharat-electronictender.com (if not already registered).

**8.1** The bidder shall be mandatorily required to submit a copy of "Non-Disclosure Agreement" duly signed by the authorized signatory on ETS portal as per the format enclosed (as Annexure – I) alongwith this IFB to enable the Employer to authorize the Bidder for procurement of the Bidding Documents. In case of any non-compliance in submission of Non-Disclosure Agreement,

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| | authorization shall not be provided to the bidders for procurement of bidding documents even after the payment of bidding document. |
| **8.2** | ***Interested bidders are required to submit duly signed NDA on ETS portal prior to closing of Bidding documents sale period to enable the employer for authorizing the bidder to download the bidding documents online from the ETS portal.***<br><br>Issuance of Bid Documents to any Bidder shall not construe that such Bidder is considered to be qualified. The bids shall be submitted online. Bidder shall furnish Bid Security, Pass Phrases and Power of Attorney separately as detailed in Bidding Documents before the stipulated bid submission closing date and time at the address given below. |
| **8.3** | After registration with ETS and submission of duly signed NDA as above, a complete set of Bidding Documents may be downloaded by any interested Bidder from ETS Portal https://www.bharat-electronictender.com with Tender Search Code - **NGEL-2026-TN000012.**<br><br>*Interested bidders are required to ensure that they have downloaded the official copy of bidding documents against Tender Search code-* **NGEL-2026-TN000012** *from website of ETS before closure of Bid Sale Period.*<br><br>For technical assistance, interested parties may call ETS Helpdesk at +91-124-4229071, +91-124-4229072.<br><br>***Note: No hard copy of Bidding Documents shall be issued.*** |
| **9.0** | Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible. |
| **10.0** | **Address for communication**<br><br>**DGM (CS)/ Addl. General Manager (CS)**<br>Contracts Services<br>NTPC Green Energy Limited<br>4th Floor, Renewables Building, NETRA Complex<br>E-3, Ecotech-II, Udyog Vihar, Greater Noida<br>Gautam Buddha Nagar, Uttar Pradesh, India, Pin – 201306<br>Telephone No., +91-120-2356605, +91-120-2356601<br>E-Mail: abhishekkumar02@ntpc.co.in / omprakash08@ntpc.co.in<br><br>Corporate Identification Number: **L40100DL2022GOI396282**, Website: www.ngel.in |