



**NEW AND GREEN ENERGY OF ASSAM LTD (NGEAL)**

**PART - A**

**NOTICE INVITING BID (NIB)**

**SUPPLY, INSTALLATION, COMMISSIONING AND OPERATION & MAINTENANCE OF  
25MW/100MWh BESS POWER PLANT**

**AT**

**KURKURMARA 400kV GRID SUBSTATION**

**MIRZA, KAMRUP DISTRICT, ASSAM**

**TENDER No. – NGEAL/PROJECTS/2024/0001**

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**NOTICE INVITING BID (NIB) FOR SUPPLY, INSTALLATION, COMMISSIONING AND OPERATION & MAINTENANCE OF 25MW/100MWh BESS POWER PLANT**

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**NOTICE INVITING BID ("NIB")**

**1.0 INTRODUCTION**

1.1 New and Green Energy of Assam Ltd (NGEAL) (hereinafter referred as 'NGEAL' or 'Owner' or 'Purchaser'), a joint venture company of ONGC Tripura Power Company Limited (OTPC) and Assam Power Distribution Company Limited (APDCL), is a public limited company incorporated under the Indian Companies Act, 2013 and having its registered office at 10<sup>th</sup> Floor, Core 4 and Central, Scope Minar, Laxmi Nagar, Delhi – 110092 and one of its office at 2<sup>nd</sup> Floor, Annex Building, Bijulee Bhawan, Paltan Bazaar, Guwahati - 781001, Assam (India). NGEAL intends to setup 250 MW/500MWh Battery Energy Storage Projects in Assam in phases out of which 25MW/100MWh BESS Power plant at Kukurmara Substation, Mirza, Kamrup District, Assam is being developed in phase-1.

1.2 NGEAL invites Bidders with requisite technical capability and sound financial position to bid for **SUPPLY, INSTALLATION, COMMISSIONING AND OPERATION & MAINTENANCE OF 25MW/100MWh BESS POWER PLANT AT KUKURMARA SUBSTATION, MIRZA, KAMRUP DISTRICT, ASSAM.**

1.3 The Bid must be submitted in accordance with the requirements set out in the Bidding Document, on the e-procurement platform of the Government i.e., <https://www.etenders.gov.in/> at the Central Public Procurement ("CPP") Portal by way of uploading the following documents:

1.3.1 In the technical folder, the documents evidencing Qualifying experience/capability and Unpriced Techno-Commercial Bid without any reference to price; and

1.3.2 In the price folder, the **Price Bid** for SUPPLY, INSTALLATION, COMMISSIONING AND OPERATION & MAINTENANCE OF 25MW/100MWh BESS POWER PLANT AT KUKURMARA SUBSTATION, MIRZA, KAMRUP DISTRICT, ASSAM.

1.3.3 Form-K and Form-M forming part of the Bid documents mentioned in Clause 1.3.1 once uploaded on the CPP Portal shall be provided in original hard copies in accordance with the procedure prescribed under Clause 17.0 of Instructions to Bidders ("**ITB**").

1.4 Capitalized terms used herein but not defined in this NIB shall have the meaning assigned to them in ITB.

**2.0 DETAILS OF TENDER**

a.	Tender No.	NGEAL/PROJECTS/2024/0001
b.	Cost of one set of Bidding document; non-refundable (to be remitted to " <b>New and Green Energy of Assam Ltd (NGEAL)</b> ", through NEFT Transaction as per clause 6.16 below). Bidder to download the bidding documents from <a href="https://www.etenders.gov.in/">https://www.etenders.gov.in/</a> (Published by OTPC on behalf of NGEAL)	INR (20,000)/- +18% GST= (23,600)/-  (Rupees Twenty Three Thousand Six Hundred Only) including GST@18%.
c.	Bidding Document sale opening date and time (to be available at the CPP Portal for purchase and download)	5-Oct-2024

d.	Last date for receipt of pre-bid queries (through the CPP Portal under the 'Clarifications' tab).	24-Oct-2024 at 17:00 hours.
e.	Date of issue of Pre-Bid Clarifications	29-Oct-2024
f.	Last date and time for <b>submission of Bid</b> (both, Price Bid and Unpriced Techno-Commercial Bid) <b>online at the CPP Portal</b> <a href="https://www.etenders.gov.in/">https://www.etenders.gov.in/</a> , and <b>physical/hard copy</b> submission of <b>Form-K</b> (Letter of Authority with copy of Board Resolution/ Power of Attorney) and <b>Form-M</b> (Bid Security BG) as part of the Unpriced Techno-Commercial Bid in original at:  Chief Executive Officer New and Green Energy of Assam Ltd, 10 <sup>th</sup> Floor, Core-4 and Central, New Scope Minar, Laxmi Nagar, Delhi –110092	25-Nov-2024 at 17:00 hours.
g.	Date and time for opening of Unpriced Techno-Commercial Bids online	26-Nov-2024 at 17:00 hours..
h.	Date and time for opening of Price Bids online	To be intimated later on the CPP Portal.
i.	Bid Security amount	Rs. 1,00,00,000/- (Indian Rupees One Crore Only).
j.	Validity of Bid Security	210 (two hundred and ten) days from the date of opening of Unpriced Techno-Commercial Bid
k.	Bid validity.	180 (one hundred and eighty) days from the date of opening of Unpriced Techno-Commercial Bid.
Address for correspondence: Attn: Chief Executive Officer New and Green Energy of Assam Ltd (NGEAL), 10th Floor, Core-4 and Central, Scope Minar, Laxmi Nagar, New Delhi-110092 Ph: +91-11-22404700 Any correspondence regarding the Bid shall be addressed to all the following e-mail IDs: <a href="mailto:ceo@ngealindia.in">ceo@ngealindia.in</a> <a href="mailto:nabaratna.acharya@apdcl.org">nabaratna.acharya@apdcl.org</a> <a href="mailto:karan.bakshi@otpcindia.in">karan.bakshi@otpcindia.in</a>		

3.0 **BRIEF SCOPE OF SERVICE**

3.1 The scope of service to be provided by the Contractor for Supply, Installation, Commissioning and Operation & Maintenance of NGEAL 25MW/100MWh BESS Plant shall include but not be limited to:

3.1.1 Design, engineering, procurement, manufacturing, testing, inspection, packaging, Insurance, supply, delivery, Installation, commissioning along with all allied works including civil/ electrical/ communication/ instrumentation/mechanical works for setting-up 25MW/100MWh (at injection

point) BESS Plant at Site including 132kV bay extension and associated mechanical, electrical and instrumentation materials including Commissioning Spares, Mandatory Spares, Maintenance Tools & Tackles, and Consumables etc;

3.1.2 All the services required for successful installation and commissioning of 25MW/100MWh BESS Plant at Kamrup, Assam and associated systems, including transportation of materials to site, unloading, storage, handling at site, insurance, installation, testing, commissioning, and putting the complete Plant and associated system into successful operation.

3.1.3 Operation and Maintenance Service of Plant for 12 years.

3.2 Scope of Service shall also include all associated work required for satisfactory completion of Plant and associated system into successful operation.

3.3 **For detail of the scope of Services please refer to the following parts of the Bidding Document: Part-B Contract for Supply, Installation, Commissioning and Operation & Maintenance of 25MW/100MWh BESS Plant including Technical Specification.**

3.4 **Tentative BoQ is attached with Technical Specification. However, bidder is advised to visit the Site for actual assessment of the work.**

4.0 **TIME FOR COMPLETION**

4.1 The Time for Completion for Supply, Installation and Commissioning of 25MW/100MWh BESS Power Plant along with associated systems shall be 12 months from the date of award of contract to the successful bidder. The Operation and Maintenance activities for a period of 12 Years shall start as per the Contract after the Completion of Commissioning of the Plant / Taking Over of Plant by Owner.

5.0 **QUALIFICATION REQUIREMENT OF THE BIDDER**

5.1 The Bidder should have designed, supplied, erected/ supervised erection and commissioned/ supervised commissioning of Grid connected Solar PV Power Plant as an EPC Contractor of cumulative installed capacity of 100 MWp or higher, out of which at least one plant should have been of 25 MWp or higher capacity. The reference plant of 25 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

Or

The Bidder should be a developer of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 100 MWp or higher, out of which at least one plant should have been of 25 MWp or higher capacity. The reference plant of 25 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

5.2 The Bidder should have executed at least one (1) Electrical Sub-station of 33 kV or above voltage level, consisting of equipment such as 33kV or above voltage level circuit breakers and Power transformer, either as developer or as EPC Contractor which should be in successful operation for at least six (6) months# prior to the date of techno-commercial bid opening.

5.3 The bidder should be either (i) an OEM (Original Equipment Manufacturer) of Containerized Battery Energy Storage System, or (ii) an EPC Contractor/Developer of Containerized Battery Energy Storage System or Solar PV projects including electrical substation of 33 kV or above voltage level, and should have executed the following in last 5 years:

- 5.3.1 Execution of BESS Power Systems/Solar PV-BESS Hybrid Projects/ Solar PV projects including electrical substation of 33 kV or above voltage level in:
  - 5.3.1.1 Either a single work order for which the order value should be a minimum of INR 145 Crores (INR One Hundred and Forty-Five Crores), or
  - 5.3.1.2 Two work orders for which the order values of each work order should be minimum of INR 75 Crores each (INR Seventy-Five Crores), or
  - 5.3.1.3 Three work orders for which the order values of each work order should be a minimum of INR 55 Crores each (INR Fifty Crores).
- 5.3.2 Minimum 5 (five) years of cumulative experience of O&M for all the of BESS Power Systems/Solar PV/BESS Hybrid Plants/ Solar PV plants operated and maintained by the Bidder.
- 5.4 In order to evaluate above (Sr. no. 5.3), following documents must be submitted for meeting above requirements:
  - 5.4.1 Purchase Order Copies along with Bill of material.
  - 5.4.2 The list of projects commissioned at least 6 months prior to the last date of Bid Submission, indicating whether the project is grid connected, along with a scanned copy of the Commissioning certificate and Work order / Contract / Agreement/LOI from the Client (or Owner) shall be submitted in support of Clause 5.0 above.
- 5.5 Bidder should have minimum annual turnover of INR 170,000,000 (Rupees One Hundred Seventy Million) or equivalent in other currency for last 3 (three) financial years ending 31 March, 2024 (or if the Bidder follows a different financial year (other than April to March) then for the last 3 (three) financial years, as duly adopted by it and acceptable as per the laws applicable to it). Bidder shall submit unconsolidated annual audited accounts for last 3 (three) financial years ending 31 March, 2024 i.e., 2021-22, 2022-2023, 2023-24 (or if the Bidder follows a different financial year (other than April to March) then for the last 3 (three) financial years, as duly adopted by it and acceptable as per the laws applicable to it).
- 5.6 Bidder should have earned profit before tax in at least 1 (one) financial year during last 3 (three) financial years.
- 5.7 Bidder should have positive Net Worth as on 31 March, 2024 (or if the Bidder follows a different financial year (other than April to March) then as on the last date of its last financial year, as duly adopted by it and acceptable as per the laws applicable to it).

For the purpose of this qualification requirement Net Worth shall be calculated as follows:

Net Worth =                      Paid-up share capital  
    Add:                      Free reserves  
    Subtract:              Revaluation reserves  
    Subtract:              Intangible assets  
    Subtract:              Miscellaneous expenditure to the extent not written off and carry forward losses

Paid-up share capital will include:

1.                      Paid-up equity share capital,
2.                      Fully, compulsorily and mandatorily convertible preference shares, and
3.                      Fully, compulsorily and mandatorily convertible debentures.

The computation of Net Worth shall be based on the unconsolidated audited annual accounts of the Bidder. To demonstrate fulfillment of this criteria, the Bidder shall submit a **certificate from a reputed auditor certifying that the Net Worth as on 31 March, 2024 is positive**, in the form prescribed under Form-S ("Financial Capacity of the Bidder"). If the Bidder follows a different financial year (other than April to March) then the Financial Capacity Certificate should certify the Net Worth as on the last date of its last financial year, as duly adopted by it and acceptable as per

the laws applicable to it.

- 5.8 Bidder should have net positive cash flow from operation in last 3 (three) financial years ending 31 March, 2024 i.e., 2021-22, 2022-2023, 2023-24 (or if the Bidder follows a different financial year (other than April to March) then for the last 3 (three) financial years, as duly adopted by it and acceptable as per the laws applicable to it).
- 5.9 For the qualification requirements, if data is provided by the Bidder in foreign currency, equivalent INR of Net Worth or annual turnover or profit before tax or net cash flow, etc. will be calculated using bills selling exchange rates (card rate) USD/INR of State Bank of India prevailing on the date of closing of accounts for the financial year as certified by the Bidder's banker. For currency other than USD, Bidder shall convert such currency into USD as per the exchange rates certified by their banker prevailing on the relevant date and used for such conversion.
- 5.10 The Bidder should have a commendable and outstanding record and experience of having kept the BESS Plant/Solar PV plant/ Solar-BESS Hybrid Plant (as mentioned in Clause 5.3.2) in successful, reliable, continuous service for the entire term of its contract achieving a reasonably high average availability factor over the contract period. Details in this respect must be provided by Bidder and substantiated by documentary proof, such as client certificates testimonials regarding successful running of the plant, copy of relevant reports under contracts, etc.
- 5.11 Bidder should have knowledge of operation of Plant Maintenance Module and Materials Management Modules of any ERP system. Knowledge with regard to Plant Maintenance Module will include creation/release/closure of maintenance notification, maintenance work order, reports generation, maintenance planning, etc. As regards Materials Management module, the Bidder should have knowledge about receipt/issue/return/inspection of materials, planning of materials requirement and reports generation, etc. Details in this respect must be provided by Bidder and substantiated by documentary proof, such as client certificates, copy of relevant reports under contracts, etc.
- 5.12 Bidder shall submit supporting documents like audited balance sheet and profit & loss account for last 3 (three) financial years, Net Worth Certificate, clients' certificates, copy of relevant O&M contracts, consortium agreement etc., in support of the qualification requirements mentioned above in this Clause 5.0.
- 5.13 In case of consortium bidding following points shall be complied and relevant supporting document shall be submitted in this regard:
  - 5.13.1 No. of partners including prime bidder shall not exceed three (3).
  - 5.13.2 Prime bidder along with consortium partner shall enter into consortium agreement.
  - 5.13.3 Either prime bidder or consortium partner and/or both should comply with criteria in this clause 5.0

**6.0 GENERAL**

- 6.1 The Bidding Document shall be available online for purchase and download on the CPP Portal as per Clause no. 2.0 of NIB specified above.
- 6.2 The Bidders are to confirm their compliance to terms, conditions, specifications and requirements mentioned under the Bidding Document, at the time of submission of Bids, failing which may lead to the rejection of the bids.
- 6.3 Bids shall be evaluated based on the information/documents submitted in the Bid. Hence, Bidders are advised to ensure that they submit appropriate and relevant supporting documentation along with their proposal in the first instance itself.
- 6.4 NGEAL reserves the right to seek additional information from the Bidders, if found necessary during the course of evaluation of the Bids.
- 6.5 Bidder to ensure that after the Letter of Award is issued and during the Term of the Contracts,

the Bidder shall not seek to alter any agreed contractual terms, conditions and specifications as mentioned under the Bidding Document.

- 6.6 A two-part bidding system (Part-1: Unpriced Techno-Commercial Bid and Part-2: Price Bid) shall be followed with Online e-Reverse Auction mechanism for this tender as described in Clause 20.0 of the ITB. Bidders should take due care to submit their Bid in accordance with the requirements as specified in Clause 17.0 of the ITB.
- 6.7 This NIB, uploaded on NGEAL website, along with entire Bidding Document, shall be submitted by the Bidder along with its Bid duly signed and stamped by the Bidder as a token of acceptance. Bids sent without having a Bidding Document duly signed and stamped may be liable for rejection.
- 6.8 Pre-bid queries/clarification, if any, on technical and commercial points should be submitted under the 'Clarifications' tab on the CPP Portal as per format **Form-E** by date specified in Clause 2.0 above. No further queries/clarification on Bidding Document shall be entertained / accepted by the Owner thereafter.
- 6.9 Issuance of the Bidding Document does not mean that the Bidder has been shortlisted or qualified.
- 6.10 Bidders are required to furnish an undertaking on validity of the Bid as per **Form-I** of the Bid Forms at the time of submission of Bids. The Bids shall be rejected if such an undertaking is not furnished.
- 6.11 Bid Security must be submitted as part of the Unpriced Techno-Commercial Bid as per **Form-M** of the Bid Forms failing which Bid shall be rejected.
- 6.12 The entire process of bidding shall be online through e-procurement/e-tendering at **CPP Portal** by uploading the complete and legible scanned copies of the same in pdf format, duly signed in digital form by the authorized signatory of the Bidder. Bids submitted online at CPP Portal shall only be considered. Bids submitted by fax, telex, telegram or e-mail, or any way other than on the specified e-platform for bidding, shall not be entertained and shall be rejected.
- 6.13 Any Bid received after the expiry of the date and time prescribed for receiving completed Bid as specified in Clause 2.0 above, shall be rejected.
- 6.14 NGEAL reserves the right to reject any Bid, or all Bids received at its discretion, without assigning any reason whatsoever, and may call for fresh Bids if it so deems fit.
- 6.15 Bid Security is to be submitted along with the Bid. Any bid without Bid Security is liable to rejection.
- 6.16 NGEAL Bank account details remitting cost of bidding document.:

<b>FOR REMITTING COST OF BID DOCUMENT:</b>	
Beneficiary Name	New and Green Energy of Assam Limited
Beneficiary Bank Name	State Bank of India
Beneficiary Account	20520360687
Beneficiary Branch IFSC Code	SBIN0000221
Branch	NEW GUWAHATI
Beneficiary Branch Address	Bamunimaidam, New Guwahati, Dist- Kamrup, Assam, 781021

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