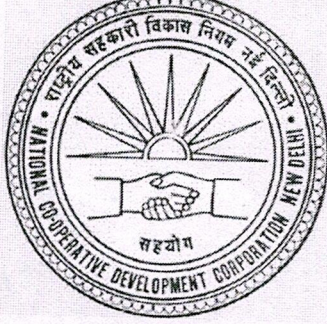


लिनाकगुरुग्राममें 148.80kWp क्षमता के ग्रीड-इंटरैक्टिव (ऑन-ग्रीड)  
सोलर रूफटॉप पावर प्लांट की स्थापना हेतु निविदा दस्तावेज

Bid Document for Installation of a 148.80kWp Grid-Interactive  
(On-Grid) Solar Rooftop Power Plant at LINAC Gurugram



राष्ट्रीय सहकारी विकास निगम

NCDC

*Assisting Cooperatives. Always!*

सहकारिताओं की सहायता में सदैव तत्पर!

निविदा की लागत

: निःशुल्क

Cost of Tender Document

: Free of Cost

Bid No.: NCDC/30-77/2026/LINAC-148.80kWp/2026-27

लक्ष्मणराव इनामदार राष्ट्रीय सहकारिता अनुसंधान एवं विकास अकादमी (लिनाक)  
प्लॉट नंबर 89, सेक्टर 18, इंस्टीट्यूशनल एरिया, गुड़गांव - 122015 हरियाणा  
वेबसाइट: <http://ncdc.in>

LAXMANRAO INAMDAR NATIONAL ACADEMY FOR COOPERATIVE RESEARCH AND  
DEVELOPMENT (LINAC)

Plot No-89, Sector-18, Institutional Area,  
Gurugram, Haryana- 122015.

Website: <http://ncdc.in>

## **Table of Contents**

|                                                             |             |
|-------------------------------------------------------------|-------------|
| 1. Notice Inviting Bid .....                                | Page No. 03 |
| 2. Table of Contents .....                                  | Page No. 02 |
| 3. Abbreviations .....                                      | Page No. 08 |
| 4. Disclaimer .....                                         | Page No. 09 |
| 5. Bid Details .....                                        | Page No. 10 |
| 6. Brief Description of the Proposal & its Submission ..... | Page No. 11 |
| 7. Eligibility Conditions .....                             | Page No. 13 |
| 8. Technical Evaluation Criteria.....                       | Page No. 14 |
| 9. Evaluation of Bids .....                                 | Page No. 14 |
| 10. General Conditions of the Contract.....                 | Page No. 15 |
| 11. Contracting Arrangements.....                           | Page No. 19 |
| 12. Scope of Work and Technical Specifications .....        | Page No. 19 |
| 13. Forms — Part I: Technical.....                          | Page No. 26 |

## राष्ट्रीय सहकारी विकास निगम (लिनाक, गुरुग्राम)

संख्या: 30-77/2026 -लिनाक

दिनांक : 12.10.2026

### निविदा आमंत्रण सूचना

लिनाक गुरुग्राम में 148.80 kWp क्षमता के ग्रिड-इंटरैक्टिव/ऑन-ग्रिड सोलर रूफटॉप पावर प्लांट की स्थापना हेतु, ऐसे पात्र एवं अनुभवी बोलीदाताओं से [www.gem.gov.in](http://www.gem.gov.in) (GeM) पोर्टल के माध्यम से ऑनलाइन निविदाएं आमंत्रित करता है, जिन्होंने बोली प्रस्तुत करने की तिथि से पूर्ववर्ती पिछले तीन वित्तीय वर्षों में से प्रत्येक वित्तीय वर्ष में किसी केंद्रीय/राज्य सरकार के संगठन, सार्वजनिक क्षेत्र के उपक्रम (PSU), स्वायत्त निकाय अथवा सरकारी संस्था के लिए ग्रिड-इंटरैक्टिव/ऑन-ग्रिड सोलर रूफटॉप पावर प्लांट की आपूर्ति, स्थापना, परीक्षण एवं कमीशनिंग का कार्य संतोषजनक रूप से पूर्ण किया हो।

#### आवश्यक योग्यता मापदंड :

**क.बोलीदाता/निविदाकर्ता** का कंपनी अधिनियम, 1956/2013 के अंतर्गत पंजीकृत/निगमित फर्म, पंजीकृत पार्टनरशिप फर्म, लिमिटेड लायबिलिटी पार्टनरशिप (LLP) अथवा प्रोपराइटरशिप फर्म होना अनिवार्य है। इसके समर्थन में संबंधित पंजीकरण/निगमन प्रमाण-पत्र की स्वप्रमाणित प्रति निविदा के साथ संलग्न की जानी अनिवार्य होगी।

**ख.बोलीदाता/निविदाकर्ता** ने बोली प्रस्तुत करने की तिथि से पूर्ववर्ती पिछले तीन वित्तीय वर्षों में से प्रत्येक वित्तीय वर्ष में किसी केंद्रीय/राज्य सरकार के संगठन, सार्वजनिक क्षेत्र के उपक्रम (PSU), स्वायत्त निकाय अथवा सरकारी संस्था के लिए ग्रिड-इंटरैक्टिव/ऑन-ग्रिड सोलर रूफटॉप पावर प्लांट की आपूर्ति, स्थापना, परीक्षण एवं कमीशनिंग का कार्य संतोषजनक रूप से पूर्ण किया होना चाहिए। प्रत्येक वित्तीय वर्ष के लिए आवश्यक न्यूनतम 52.08kWp का अनुभव निम्नलिखित में से किसी एक प्रकार से पूरा किया जा सकता है:

(i) न्यूनतम 119.04 kWp क्षमता का एक पूर्ण कार्य; अथवा

(ii) न्यूनतम 74.40kWp क्षमता के दो पूर्ण कार्य; अथवा

(iii) न्यूनतम 59.52kWp क्षमता के तीन पूर्ण कार्य।

उक्त कार्यों के समर्थन में कार्यदिश/अनुबंध तथा कार्य पूर्णता/संतोषजनक निष्पादन प्रमाण-पत्र की स्वप्रमाणित प्रतियां निविदा के साथ संलग्न की जानी अनिवार्य होंगी।

**ग.बिडर/OEM फर्म** का पिछले तीन वित्तीय वर्षों (2023-24, 24-25, 25-26) के दौरान, हर साल कम से कम ₹2.0 करोड़ का वार्षिक वित्तीय कारोबार होना अनिवार्य है (सम्बंधित वित्तीय कागजात जिसमें की वार्षिक टर्न ओवर, नफ़ा और नुक्सान खाते की पूर्ण जानकारी चार्टर्ड अकाउंटेंट द्वारा सत्यापित कर संलग्नित किया जाना आवश्यक है)।

**घ.बोलीदाता/निविदाकर्ता** की निवल संपत्ति (Net Worth) बोली प्रस्तुत करने की तिथि से पूर्ववर्ती वित्तीय वर्ष के अंतिम दिन सकारात्मक (Positive) होनी चाहिए। इसके समर्थन में चार्टर्ड अकाउंटेंट द्वारा प्रमाणित संबंधित वित्तीय विवरण/नेटवर्थ प्रमाण-पत्र निविदा के साथ संलग्न किया जाना अनिवार्य होगा।

**ङ.बोलीदाता/निविदाकर्ता** के पास संपूर्ण सोलर रूफटॉप सिस्टम/प्रमुख घटकों, जिसमें PV Module एवं Inverter शामिल हैं, के लिए MNRE द्वारा अधिकृत परीक्षण केंद्र अथवा NABL से मान्यताप्राप्त प्रयोगशाला द्वारा जारी वैध परीक्षण रिपोर्ट होनी चाहिए। उक्त परीक्षण रिपोर्ट MNRE द्वारा समय-समय पर निर्धारित वैधता अवधि के भीतर की होनी चाहिए। संबंधित परीक्षण रिपोर्टों की स्वप्रमाणित प्रतियां निविदा के साथ संलग्न की जानी अनिवार्य होंगी।

**च.सोलर PV Modules** की खरीद केवल उन निर्माताओं/मॉडलों से की जानी चाहिए जो बोली प्रस्तुत करने की तिथि को लागू MNRE की Approved List of Models and Manufacturers (ALMM), List-I में सूचीबद्ध हों। बोलीदाता/निविदाकर्ता को इस संबंध में आवश्यक निर्माता/मॉडल विवरण एवं संबंधित दस्तावेज निविदा के साथ प्रस्तुत करने होंगे। बोली लगाने वाले को बोली के साथ एक मान्य मैनुफैक्चरिंग/OEM ऑथराइजेशन सर्टिफिकेट अपलोड/सबमिट करना होगा। ज़रूरी सर्टिफिकेट जमा न करने पर, टेंडर की शर्तों के आधार पर बोली को 'नॉन-रिस्पॉन्सिव' (नियमों के अनुसार न होने वाली) माना जा सकता है। अगर बोली लगाने वाला मैनुफैक्चरर/OEM नहीं है, तो वारंटी संबंधित मैनुफैक्चरर/OEM द्वारा दी जाएगी और समर्थित होगी। वारंटी अवधि के दौरान सप्लाई किए गए उत्पादों के लिए सभी वारंटी दायित्वों को पूरा करने की ज़िम्मेदारी मैनुफैक्चरर/OEM की होगी।

**छ.बोलीदाता/निविदाकर्ता** के पास केंद्र सरकार, राज्य सरकार अथवा किसी अन्य सक्षम वैधानिक प्राधिकरण द्वारा जारी वैध विद्युत ठेकेदार लाइसेंस/विद्युत लाइसेंस होना चाहिए। उक्त लाइसेंस की स्वप्रमाणित प्रति निविदा के साथ संलग्न की जानी अनिवार्य होगी।

**ज.बोलीदाता/निविदाकर्ता** के पास कर्मचारी भविष्य निधि संगठन (EPFO) द्वारा जारी वैध कर्मचारी भविष्य निधि (EPF) पंजीकरण संख्या होनी चाहिए। पंजीकरण प्रमाण-पत्र की स्वप्रमाणित प्रति निविदा के साथ संलग्न की जानी अनिवार्य होगी।

**झ.बोलीदाता/निविदाकर्ता** के पास कर्मचारी राज्य बीमा निगम (ESIC) का वैध पंजीकरण होना चाहिए। पंजीकरण प्रमाण-पत्र की स्वप्रमाणित प्रति निविदा के साथ संलग्न की जानी अनिवार्य होगी।

**ञ.बोलीदाता/निविदाकर्ता** को अपने लेटरहेड पर अधिकृत हस्ताक्षरकर्ता द्वारा विधिवत हस्ताक्षरित घोषणा-पत्र प्रस्तुत करना होगा, जिसमें यह प्रमाणित किया गया हो कि निविदा प्रस्तुत करने की तिथि तक बोलीदाता/निविदाकर्ता को किसी केंद्रीय सरकारी विभाग, राज्य सरकारी विभाग, सार्वजनिक क्षेत्र उपक्रम (PSU), स्वायत्त निकाय अथवा वैधानिक प्राधिकरण द्वारा काली सूचीबद्ध (Blacklisted), प्रतिबंधित (Debarred) अथवा निषिद्ध (Banned) नहीं किया गया है।

निविदा दस्तावेज GeM Portal तथा एनसीडीसी की वेबसाइट से 10.00 बजे से 5.00 बजे तक दिनांक 22.10.2026 तक डाउनलोड किया जा सकता है। यदि कोई शुद्धि पत्र होगा, तो वह केवल उपर्युक्त वेबसाइटों पर ही प्रदर्शित होगा तथा किसी समाचार पत्र में प्रकाशित नहीं किया जाएगा।

विधिवत भरी हुई बयाना राशि मुख्य लिफाफे में कार्य के नाम के साथ **LINAC – NCDC Campus, Plot No. 89, Sector 18, Institutional Area, Gurgaon – 122015, Haryana** स्थित अधोहस्ताक्षरी के कार्यालय में 22.10.2026 को अपराह्न 3.00 बजे तक प्रस्तुत की जानी चाहिए। पूर्व-अर्हता बोली (Pre-Qualification Bid) इसी दिन अपराह्न 3.30 बजे [www.gem.gov.in](http://www.gem.gov.in) पोर्टल के माध्यम से ऑनलाइन खोली जाएगी। केवल उन्हीं फर्मों की वित्तीय बोली (Price Bid) खोली जाएगी, जिनकी पूर्व-अर्हता बोली निविदा दस्तावेज में निर्दिष्ट पात्रता मानदंडों के अनुसार स्वीकार्य पाई जाएगी। वित्तीय बोली खोलने की तिथि एवं समय पोर्टल के माध्यम से सूचित किया जाएगा।

बोलीदाता/निविदाकर्ता द्वारा **₹4,54,000/- (रुपये चार लाख चौवन हजार मात्र)** की बयाना राशि (EMD) "NCDC NCFT", गुरुग्राम के पक्ष में देय बैंक गारंटी (BG) अथवा किसी राष्ट्रीयकृत/अनुसूचित बैंक द्वारा जारी सावधि जमा रसीद (FDR), जिसे निगम के पक्ष में विधिवत बंधक रखा गया हो, के रूप में प्रस्तुत की जानी होगी। निर्धारित बयाना राशि (EMD) के बिना प्रस्तुत की गई निविदा अस्वीकार कर दी जाएगी।

निगम को यह अधिकार है कि वह किसी भी निविदा को स्वीकार या बिना कोई कारण बताए सभी निविदाओं को अस्वीकार कर सकता है।

4-6  
(डॉ. मनोज कुमार)  
महानिदेशक (लिनाक)

**National Cooperative Development Corporation  
(LINAC, Gurugram)**

**No.30-77/2026-LINAC**

**Date: 12.10.2026**

**NOTICE INVITING BID**

Linac Academy, Gurugram, invites online tenders via the [www.gem.gov.in](http://www.gem.gov.in) (GeM) portal from eligible and experienced bidders for the installation of a 148.80 kWp capacity grid-interactive/on-grid solar rooftop power plant. Bidders must have satisfactorily completed the supply, installation, testing, and commissioning of grid-interactive/on-grid solar rooftop power plants for any Central/State Government organization, Public Sector Undertaking (PSU), autonomous body, or government institution in each of the three financial years preceding the bid submission date.

**ELIGIBILITY CRITERIA:**

**A.** The Bidder/Tenderer shall be a firm registered/incorporated under the Companies Act, 1956/2013, a registered Partnership Firm, Limited Liability Partnership (LLP) or a Proprietorship Firm. A self-attested copy of the relevant registration/incorporation certificate shall be submitted along with the tender.

**B.** The Bidder/Tenderer should have satisfactorily completed the work of supply, installation, testing and commissioning of Grid-Interactive/On-Grid Solar Rooftop Power Plant(s) having a minimum cumulative installed capacity of 119.04 kWp in each of the preceding three financial years from the date of submission of bid, for any **Central/State Government Organisation, Public Sector Undertaking (PSU), Autonomous Body or Government Institution**. The minimum annual experience of 119.04 kWp for each financial year may be fulfilled through any one of the following:

- (i) One completed work of minimum 119.04 kWp capacity; or
- (ii) Two completed works of minimum 74.4kWp capacity each; or
- (iii) Three completed works of minimum 59.52kWp capacity each.

Self-attested copies of the Work Order/Contract and Completion/Satisfactory Performance Certificate in support of the above experience shall be submitted along with the tender.

**C.** The bidder/OEM firm is required to have a minimum annual financial turnover of ₹2.0 crore in each of the last three financial years (2023-24, 2024-25, and 2025-26); relevant financial documents—including complete details of annual turnover and profit & loss accounts verified by a Chartered Accountant—must be attached.

**D.** The Net Worth of the Bidder/Tenderer as on the last day of the preceding financial year shall be positive. A certificate/financial statement duly certified by a Chartered Accountant in support thereof shall be submitted along with the tender.

**E.** The Bidder/Tenderer shall possess valid test report(s) for the complete Solar Rooftop System/major components, including PV Modules and Inverter, issued by an MNRE-authorized testing centre or NABL-accredited laboratory. The test report(s) shall be within the validity period prescribed by MNRE from time to time. Self-attested copies of the relevant test report(s) shall be submitted along with the tender.

**F.** The Solar PV Modules shall be procured only from manufacturers/models listed in the applicable MNRE Approved List of Models and Manufacturers (ALMM), List-I, as on the date of submission of the bid. The Bidder/Tenderer shall submit the requisite manufacturer/model details and relevant supporting documents along with the tender. The bidder should upload/submit a valid Manufacturing/OEM Authorisation Certificate along with the bid. Failure to submit the required certificate may result in the bid being considered non-responsive, subject to the terms and conditions of the tender. If the Bidder is not the Manufacturer/OEM, the warranty shall be provided and duly backed by the respective Manufacturer/OEM. The Manufacturer/OEM shall be responsible for honouring all warranty obligations for the supplied products throughout the warranty period.

**G.** The Bidder/Tenderer shall possess a valid Electrical Contractor Licence/Electrical Licence issued by the Central Government, State Government or any other competent statutory authority, as applicable. A self-attested copy of the valid licence shall be submitted along with the tender.

**H.** The Bidder/Tenderer shall possess a valid Employees' Provident Fund (EPF) Registration Number issued by the Employees' Provident Fund Organisation (EPFO). A self-attested copy of the registration certificate shall be submitted along with the tender.

**I.** The Bidder/Tenderer shall possess valid Employees' State Insurance Corporation (ESIC) Registration. A self-attested copy of the registration certificate shall be submitted along with the tender.

**J.** The Bidder/Tenderer shall submit a declaration, duly signed by its authorised signatory on its letterhead, certifying that, as on the date of submission of the tender, the Bidder/Tenderer has not been blacklisted, debarred or banned by any Central Government Department, State Government Department, Public Sector Undertaking (PSU), Autonomous Body or Statutory Authority.

The Tender documents can be downloaded from GeM Portal and the NCDC website between 10:00 AM and 5:00 PM up to 22.10.2026.

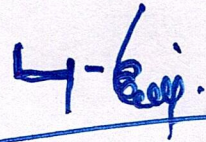
"Corrigendum if any, would appear only on the aforementioned websites and will not be published in any News Paper".

The duly filled Earnest Money Deposit shall be submitted in the main envelope, along with the name of the work, at the office of the undersigned at **LINAC – NCDC Campus, Plot No. 89, Sector 18, Institutional Area, Gurgaon – 122015, Haryana**, by 22.10.2026 up to 3.00 PM. The Pre-Qualification Bid shall be opened online on the same day at 3.30 PM through the [www.gem.gov.in](http://www.gem.gov.in) (GeM) portal. The Price Bids of only those firms whose Pre-

Qualification Bids are found acceptable as per the eligibility criteria specified in the tender document shall be opened. The date and time for opening of the Price Bids shall be intimated through the portal.

The Earnest Money Deposit (EMD) **₹4,54,000/-** (Rupees Four Lakh Fifty-Four Thousand Only) submitted by the bidder/tenderer shall be in the form of a Bank Guarantee (BG) payable in favour of "**NCDC NCFT**", Gurugram, or a Fixed Deposit Receipt (FDR) issued by a Nationalized/Scheduled Bank, duly pledged in favour of the Corporation. Tenders submitted without the prescribed EMD shall be rejected.

The Corporation reserves the right to accept any or reject all the tenders without assigning any reasons thereof.



(Dr. Manoj Kumar)  
Director General (LINAC)

## Section 1. Abbreviations

| Term        | Definition                                                          |
|-------------|---------------------------------------------------------------------|
| NCDC        | National Cooperative Development Corporation                        |
| GoI         | Government of India                                                 |
| MoC         | Ministry of Cooperation                                             |
| GCRT        | Grid Connected Rooftop Power Plant                                  |
| DD          | Demand Draft                                                        |
| EMD         | Earnest Money Deposit                                               |
| BG          | Bank Guarantee                                                      |
| RTGS/NEFT   | Real Time Gross Settlement / National Electronic Fund Transfer      |
| PV          | Photovoltaic                                                        |
| GST / GSTIN | Goods & Services Tax / GST Identification Number                    |
| MNRE        | Ministry of New and Renewable Energy                                |
| ALMM        | Approved List of Models and Manufacturers (MNRE)                    |
| NABL        | National Accreditation Board for Testing & Calibration Laboratories |
| CA          | Chartered Accountant                                                |
| LoA / LoI   | Letter of Award / Letter of Intent                                  |
| BOQ         | Bill of Quantity                                                    |
| MSE         | Micro & Small Enterprise                                            |
| AMC / CMC   | Annual / Comprehensive Maintenance Contract                         |
| BIS         | Bureau of Indian Standards                                          |
| STC         | Standard Test Conditions                                            |
| IEC         | International Electrotechnical Commission                           |
| MPPT        | Maximum Power Point Tracking                                        |
| SPV         | Solar Photovoltaic                                                  |
| DISCOM      | Distribution Licensee / Distribution Company                        |
| HERC        | Haryana Electricity Regulatory Commission                           |
| kWp         | Kilowatt-peak (DC rated capacity of a solar PV plant)               |
| PBG         | Performance Bank Guarantee                                          |
| GFR         | General Financial Rules, 2017 (Government of India)                 |
|             |                                                                     |

## Section 2. Disclaimer

- 2.1 The information contained in this Bid Document (“Bid”), or subsequently provided to Bidder(s), whether verbally or in documentary or any other form, by or on behalf of NCDC or its employees or advisors, is provided on the terms and conditions set out in this Bid.
- 2.2 This Bid is not an agreement and is neither an offer nor an invitation by NCDC to any prospective Bidder or any other person. Its purpose is to provide interested parties with information useful in formulating a Bid. NCDC does not accept responsibility for the accuracy, adequacy or completeness of the assumptions, assessments or information contained herein. Each Bidder should conduct its own independent investigation and verification.
- 2.3 Information provided in this Bid may depend on interpretation of law; NCDC accepts no responsibility for the accuracy of any interpretation or opinion on law expressed herein.
- 2.4 NCDC, its employees and advisors make no representation or warranty and shall have no liability to any Bidder for any loss, damage, cost or expense arising from reliance on this Bid or its contents.
- 2.5 NCDC may, in its absolute discretion, update, amend or supplement this Bid at any time. The issue of this Bid does not bind NCDC to select any Bidder, and NCDC reserves the right to reject all or any Bids without assigning reasons. The Bidder shall bear all costs associated with preparation and submission of its Bid, including preparation, copying, postage, delivery and any demonstrations or presentations. NCDC shall not be liable for any such costs, regardless of the conduct or outcome of the process.

## Section 3. Bid Details

| Sr. | Particulars                                  | Details                                                                                                                                                                                                                                                                                                                                               |
|-----|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | <b>Bid No.</b>                               | NCDC/30-77/2026/SOLAR-148.80kWp/2026-27                                                                                                                                                                                                                                                                                                               |
| 2   | <b>Particulars of the work</b>               | Design, Supply, Erection, Testing and Commissioning of one (1) no. 148.80kWp Grid-Interactive Solar Rooftop Power Plant for captive use (Capex Mode -Asset owned by NCDC from Day 1) at LINAC NCDC at Plot No-89, Sector-18, Institutional Area, Gurugram, Haryana-122015, as per the Scope of Work and Technical Specification in this Bid Document. |
| 3   | <b>Plant capacity</b>                        | 148.80kWp (DC), single location, single work order                                                                                                                                                                                                                                                                                                    |
| 4   | <b>Estimated cost (incl. GST)</b>            | ₹ 90,85,728/- (Rupees Ninety Lakh Eighty-Five Thousand Seven Hundred Twenty-Eight Only)                                                                                                                                                                                                                                                               |
| 5   | <b>Period of completion</b>                  | Within 30 days from the date of issue of the Work Order, unless otherwise specified by NCDC                                                                                                                                                                                                                                                           |
| 6   | <b>e-Bid portal</b>                          | <a href="http://www.gem.gov.in">www.gem.gov.in</a> (GeM)                                                                                                                                                                                                                                                                                              |
| 7   | <b>Tender fee</b>                            | Nil                                                                                                                                                                                                                                                                                                                                                   |
| 8   | <b>Earnest Money Deposit (EMD)</b>           | <b>₹4,54,000/-</b> (Rupees Four Lakh Fifty-Four Thousand Only)in the form of BG/ pledge of FDRs of a nationalised/scheduled bank, MSEs registered under Udyam and Startups recognised by DPIIT exempted, subject to submission of a Bid Security Declaration                                                                                          |
| 9   | <b>Performance Security</b>                  | 5% of the Work Order value in the form of Performance Bank Guarantee                                                                                                                                                                                                                                                                                  |
| 10  | <b>Bid Duration</b>                          | 11 days                                                                                                                                                                                                                                                                                                                                               |
| 11  | <b>Availability of tender document</b>       | 22.10.2026, 15:00 Hrs                                                                                                                                                                                                                                                                                                                                 |
| 12  | <b>Pre-Bid meeting</b>                       | 16.10.2026, 10:00 Hrs to 17:30 Hrs at LINAC NCDC at Plot No-89, Sector-18, Institutional Area, Gurugram, Haryana- 122015                                                                                                                                                                                                                              |
| 13  | <b>Bid submission end date &amp; time</b>    | 22.10.2026 15:00 Hrs                                                                                                                                                                                                                                                                                                                                  |
| 14  | <b>Technical Bid opening date &amp; time</b> | 22.10.2026 15:30 Hrs                                                                                                                                                                                                                                                                                                                                  |
| 15  | <b>Validity of rates</b>                     | 3 months from the date of opening of the Financial Bid                                                                                                                                                                                                                                                                                                |
| 16  | <b>Consortium / JV allowed</b>               | No                                                                                                                                                                                                                                                                                                                                                    |
| 17  | <b>Sub-contracting allowed</b>               | No, except with prior written approval of NCDC for specific ancillary activities                                                                                                                                                                                                                                                                      |
| 18  | <b>Bid language / currency</b>               | English / INR                                                                                                                                                                                                                                                                                                                                         |
| 19  | <b>Venue of Bid opening</b>                  | LINAC NCDC at Plot No-89, Sector-18, Institutional Area, Gurugram, Haryana- 122015                                                                                                                                                                                                                                                                    |

|    |                                   |                                                                                                                                                                                                                     |
|----|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20 | <b>Enquiries / clarifications</b> | Shri Sharafat Ullah, Deputy Director, LINAC NCDC at Plot No-89, Sector-18, Institutional Area, Gurugram, Haryana- 122015; E-mail: <a href="mailto:sharafat@ncdc.in">sharafat@ncdc.in</a> ; Contact No. 0124-2340671 |
|----|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Note: (a) Bidders are advised to study this Bid Document carefully; submission of a Bid shall be deemed to have been done after careful study of all terms and conditions. (b) NCDC reserves the right to extend the Bid due date/opening dates in unavoidable circumstances. (c) All required documents, including the Price Schedule/BOQ, are to be uploaded electronically in PDF/XLS format as per the portal's document-label structure.

## Section 4. Brief Description of the Proposal & its Submission

The Bid shall be submitted in TWO PARTS — PART-I (Technical Bid) and PART-II (Price Bid) — through the GeM Portal.

### 4.1 Part I: Technical Bid (Online Submission Only)

The following documents, duly filled in and signed by the Bidder, shall be submitted as Part-I:

- Form A: Covering Letter
- Form B: General Particulars of the Bidder
- Form C: Checklist
- Form D: Proof of payment of tender fee (if applicable)
- Form E: Earnest Money Deposit (BG) in the specified format, or Form J (Bid Security Declaration) where exempted
- Form F: Documentary evidence in support of Eligibility Criteria
- Form G: Schedule of Experience (Supply & Installation)
- Form H: Notarised Affidavit affirming correctness of information furnished & conflict-of-interest declaration
- Form I: Format of Performance Bank Guarantee (for submission on award)
- Form J: Format for Power of Attorney (where the signatory is not the constituted authority)
- Form K: Format for Joint Commissioning & Handing-Over Certificate / Warranty Card (for submission post-completion)
- Form L: Technical Bid format, with technical/BOQ compliance statement
- This Bid Document, and any amendment/corrigendum/clarification thereto, signed as token of unconditional acceptance
- CA certificate pertaining to turnover and net worth or Audited Profit & Loss Account and Balance Sheet for the last three financial years.
- Copy of Certificate of Incorporation / Registration
- Copy of GSTIN certificate
- Copy of PAN
- Any other information the Bidder wishes to furnish in support of the Bid

## 4.2 Part II: Price Bid (Online Mode Only)

- a) The Bidder shall quote prices on the Price Schedule/BOQ on the [www.gem.gov.in](http://www.gem.gov.in) (GeM), only. Prices quoted shall be inclusive of all applicable taxes, including GST, transportation, insurance and installation.
- b) Separate rates shall be quoted for DCR (Domestic Content Requirement) modules, if applicable to the funding/scheme under which the work is procured.
- c) All works including civil, electrical, mechanical etc. are under scope of work of this Contract. Nothing extra other than the quoted rate shall be paid

## 4.3 Language, Measure & Bid Validity

The Bid and all related correspondence shall be in English; units of measurement shall follow the MKS system. The Bid shall remain valid for 90 days from the Bid submission end date, or as specified in the Bid Details.

## 4.4 Proposal Submission — Tender Fee and EMD

- a) Tender Fee: NIL
- b) EMD: The Bidder shall furnish an Earnest Money Deposit (EMD) of **₹4,54,000/-** (Rupees Four Lakh Fifty-Four Thousand Only) in the form of Bank Guarantee or Fixed Deposit Receipt (FDR) issued/pledged in favour of “NCDC NCFT”, payable at LINAC Gurugram, in accordance with the applicable provisions of GFR, 2017 and NCDC procurement rules.
- c) Micro and Small Enterprises (MSEs) registered under Udyam and Startups recognised by DPIIT, wherever eligible under the applicable Government procurement provisions, shall be exempted from submission of EMD/Bid Security, subject to submission of the prescribed Bid Security Declaration, as applicable. The Bid Security Declaration shall remain valid for a period of six months from the Bid Due Date.

## 4.5 Format and Signing of Bid

The Bid shall be typed or printed and every page signed by a person duly authorised to bind the Bidder. Any interlineation, erasure or overwriting shall be valid only if initialled by the person signing the Bid.

## 4.6 Deadline, Opening, and Amendment of Bid

- a) Bids received after the deadline specified in the Bid Details shall not be accepted by the portal.
- b) NCDC reserves the right to extend the deadline for submission of Bids at its discretion.
- c) NCDC reserves the right to reject any or all Bids, or to annul the Bidding process, at any time prior to award, without assigning reasons and without incurring any liability to the affected Bidder(s).
- d) NCDC may, for any reason, prior to the Bid due date, amend the Bid Document by issuing a corrigendum on the [www.gem.gov.in](http://www.gem.gov.in) (GeM), which shall be binding on all Bidders.
- e) A Pre-Bid meeting may be held as per the date in the Bid Details, to clarify queries raised by prospective Bidders in writing.

## Section 5. Eligibility Conditions

| Sr. | Particulars                            | Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Supporting Document                                                 |
|-----|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1   | <b>Legal status</b>                    | The Bidder should be a firm registered/incorporated under the Companies Act, 1956/2013, a registered partnership firm, an LLP, or a proprietorship firm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Certificate of Incorporation / Registration &                       |
| 2   | <b>Past performance / experience</b>   | The Bidder should have satisfactorily supplied, installed, tested and commissioned Grid-Interactive/On-Grid Solar Rooftop Power Plant(s) having a cumulative installed capacity of not less than 119.04kWp in each of the last three financial years preceding the date of bid submission, for any Central/State Government Organisation, PSU, Autonomous Body, Government Institution. The required minimum annual experience of 119.04kWp may be fulfilled through one completed work of not less than 119.04kWp, or two completed works of not less than 74.4kWp each, or three completed works of not less than 59.52kWp each in the respective financial year. | Work order copies / LoAs / Completion or Commissioning Certificates |
| 3   | <b>Annual turnover</b>                 | The Bidder/OEM shall have an Annual Turnover of at least ₹2 Crore in each of the last three financial years immediately preceding the date of submission of the bid..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CA-certified turnover statement for last 3 years                    |
| 4   | <b>Net worth</b>                       | Net worth as on the last day of the preceding financial year must be positive.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CA-certified Net worth statements for last 3 years                  |
| 5   | <b>GST registration</b>                | Valid GSTIN registration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GSTIN certificate                                                   |
| 6   | <b>Test reports</b>                    | Valid test report(s) for the complete system/major components (PV module, inverter) from an MNRE-authorized testing centre or NABL-accredited laboratory, not older than the period specified by MNRE from time to time.                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test report / OEM authorisation letter                              |
| 7   | <b>ALMM compliance</b>                 | Solar PV modules must be procured from manufacturers/models listed in the MNRE Approved List of Models and Manufacturers (ALMM), List-I, as applicable on the date of Bid submission.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Self-declaration; ALMM listing to be verified at the time of supply |
| 8   | <b>Debarment</b>                       | The Bidder should not be currently blacklisted/debarred by any Ministry/Department/PSU of the Central or any State Government.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Notarised affidavit (Form H)                                        |
| 9   | <b>Manufacturing/OEM Authorisation</b> | The bidder must upload/submit a valid Manufacturing/OEM Authorisation Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Manufacturing/OEM Authorisation                                     |

|  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |
|--|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|  | <b>Certificate</b> | along with the bid. Failure to submit the required certificate may result in the bid being considered non-responsive, subject to the terms and conditions of the tender. If the Bidder is not the Manufacturer/OEM, the warranty shall be provided and duly backed by the respective Manufacturer/OEM. The Manufacturer/OEM shall be responsible for honouring all warranty obligations for the supplied products throughout the warranty period. | Certificate |
|--|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|

Note: In response to all points above, supporting documentary evidence shall be submitted along with Form F. Bids not meeting any of the above criteria are liable to be summarily rejected without further evaluation.

## Section 6. Technical Evaluation Criteria

NCDC will carry out a detailed evaluation of Bids previously determined to be substantially responsive, to determine whether the technical aspects conform to the requirements of this Bid Document. In reaching this determination, NCDC will examine and compare the technical aspects of Bids on the basis of:

- Overall completeness and compliance with the technical specifications stipulated in Section 10 of this Bid. A Bid that does not meet minimum acceptable standards of completeness, consistency and detail will be rejected as non-responsive.
- Compliance of proposed PV modules, inverter and mounting structure with the specified BIS/MNRE/IEC standards and the MNRE ALMM list.
- Adequacy of the proposed warranty arrangements for the one-year period.
- Any other relevant factor listed in this Bid Document, or that NCDC deems necessary or prudent to consider.

### 6.1 Clarification of Bid

- To assist in the examination, evaluation and comparison of Bids, NCDC may, at its discretion, ask a Bidder for clarification of its Bid. The request and the response shall be through the [www.gem.gov.in](http://www.gem.gov.in)(GeM) or by e-mail, within the time period stipulated in the request. Responses received through any other mode, or after the stipulated time, will not be considered.
- NCDC reserves the right to interpret the Bid submitted by the Bidder in accordance with the provisions of this Bid Document, and NCDC's decision in this regard shall be final and binding on the Bidders.

## Section 7. Evaluation of Bids

### 7.1 Finalisation of Bid

- The Technical Bid shall first be opened and evaluated against the Eligibility Conditions (Section 5) and Technical Evaluation Criteria (Section 6).
- The Price Bid of only technically qualified Bidders shall be opened.

- c) Since this is a single work at a single location, the qualified Bidder quoting the lowest price (“L-1”) shall ordinarily be awarded the contract, subject to the provisions below.

## 7.2 MSE / Startup Purchase Preference

As per the Public Procurement Policy for Micro and Small Enterprises, 2012 (as amended) and the General Financial Rules, 2017, applicable to NCDC as a Central Government body:

- If an eligible MSE Bidder's quoted price is within 15% of the L-1 price (subject to L-1 not being an MSE itself), such MSE Bidder(s) may be allowed to match the L-1 price, and the order may be shared among such MSEs up to the overall MSE procurement target, at NCDC's discretion.

## 7.3 General Provisions

- a) NCDC reserves the right to negotiate with the L-1 Bidder before finalisation of the Bid, where considered necessary and in accordance with CVC/GFR guidelines.
- b) NCDC reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time, without assigning reasons and without incurring liability to the affected Bidder(s).
- c) NCDC reserves the right, at the time of award, to increase or decrease the scope/quantity of work by up to 25%, on the same rates, terms and conditions.
- d) The name of the successful Bidder shall be intimated in writing (Letter of Award).

# Section 8. General Conditions of the Contract

## 8.1 Definitions

- a) “NCDC” shall mean the National Cooperative Development Corporation, acting through its Managing Director or an officer authorised by him/her, and shall include its successors and assignees.
- b) “Contractor” shall mean the successful Bidder, i.e., the person/firm whose Bid has been accepted by NCDC, and shall include its legal representatives and successors.
- c) The Contract shall be for supply, installation, commissioning and one-year comprehensive warranty of the 148.80kWp plant on a turnkey basis. The installation/commissioning portion shall be completed within the period specified in the Bid Details from the date of issue of the Work Order.
- d) On the Contractor's request, and in the interest of the work, NCDC may extend the completion period, provided the request is received before expiry of the original period. Maximum extension shall be 30 days on the same terms and conditions, save for Liquidated Damages as applicable.
- e) The Agreement shall be deemed to subsist until completion of the one-year comprehensive warranty period, subject to the completion timeline for installation and commissioning.
- f) LINAC stands for the Laxmanrao Inamdar National Academy for Cooperative Research and Development.

## 8.2 Liquidated Damages

If the Contractor fails to complete installation and commissioning within the period specified in the Contract (for reasons other than Force Majeure), NCDC shall, without prejudice to its other remedies, deduct from the Contract price, as liquidated damages, a sum equivalent to 0.5% of the Contract price for each day of delay, up to a maximum of 10% of the Contract price. Beyond this ceiling, NCDC may assess the progress of work and decide whether to cancel the Work Order, forfeit the Performance Security, and/or take action to debar the Contractor, or to continue with a further time extension and additional penalty as it deems fit.

### **8.3 Force Majeure**

The Contractor shall not be liable for forfeiture of Performance Security, Liquidated Damages, or termination for default, if its failure to perform is caused by an event of Force Majeure — an event beyond the Contractor's control and not involving its fault or negligence, including acts of Government, war, fire, flood, epidemic and similar events. The Contractor shall notify NCDC in writing immediately upon occurrence of such an event; NCDC's decision on the existence and effect of the Force Majeure event shall be final.

### **8.4 Settlement of Disputes and Arbitration**

- a) Courts at Gurugram shall alone have jurisdiction to the exclusion of all other courts.
- b) NCDC shall have reasonable access at all times to the works carried out by the Contractor under the Contract.
- c) Any dispute arising between NCDC and the Contractor in connection with the Agreement, other than matters for which a decision-making process has been specifically provided, shall be referred to the sole arbitration of a Deputy Director-level officer of NCDC or a person nominated by the Managing Director, NCDC, not below the rank of Assistant Director. The reference shall be governed by the Arbitration and Conciliation Act, 1996 and rules made thereunder. The arbitral award shall be final and binding on both parties. Work under the Agreement shall continue during arbitration proceedings unless NCDC or the arbitrator directs otherwise.

### **8.5 Confidentiality**

The Contractor shall maintain strict confidentiality of all documents, records, drawings, designs and technical information supplied by NCDC or prepared in respect of the works, and shall not disclose such information to any third party without NCDC's written permission. All relevant documents shall be returned to NCDC upon completion of the work.

### **8.6 Subletting or Transfer of Contract**

The Contractor shall not, without NCDC's prior written consent, transfer, assign or sublet the Contract or any substantial part thereof to any other party.

### **8.7 Taxes, Duties and Insurance**

The quoted price shall be inclusive of all taxes (including GST), duties and insurance. The Contractor shall be solely responsible for payment of all applicable taxes, duties and levies. If any new tax/duty is imposed during the Contract period, it shall be borne by the Contractor. CGST, SGST/IGST and TDS shall be deducted from payments as per applicable law.

### **8.8 Inspections and Tests**

NCDC/LINAC or its authorised representative shall have the right to inspect and/or test the goods to confirm conformity with the Contract, at its discretion.

## 8.9 Warranty

- a) The Contractor shall be solely responsible for the work from commencement to completion, and shall, at its own cost, repair or compensate for any loss or damage at the worksite during erection that is not attributable to NCDC.
- b) All equipment used shall be new and unused.
- c) The Contractor shall provide a comprehensive warranty for the complete power plant against any defect in design, equipment (including spare parts) and workmanship for a period of one year from the date of Commissioning. The warranty period for the PV modules shall be 25 years, in line with the module manufacturer's standard performance warranty ( $\geq 90\%$  of rated output at the end of 10 years,  $\geq 80\%$  at the end of 25 years).
- d) Any defect noticed during the warranty period shall be rectified/replaced free of cost by the Contractor, either Suo motu or on intimation by NCDC, and replacement components shall be of equivalent or better make/performance.
- e) The Contractor shall commence rectification within 72 hours of identification of a defect and complete it within a mutually agreed time; failing which NCDC may rectify the defect at the Contractor's cost, recoverable from the Performance Security or otherwise.
- f) The Contractor shall furnish a Warranty Certificate along with the Commissioning Report.
- g) The Contractor shall furnish two sets of engineering/electrical drawings and O&M manuals (in English) at the time of Commissioning.
- h) At handover, the Contractor shall demonstrate performance tests of major equipment to NCDC's satisfaction and shall hand over all technical documents, manuals, and lists of spares/tools.

## 8.10 Patents, Packing, Insurance & Transportation

- a) The Contractor shall indemnify NCDC against third-party claims of infringement of patent, trademark or industrial design rights arising from use of the supplied goods.
- b) The Contractor shall properly pack, protect and, where applicable, insure the equipment against loss or damage during manufacture, transportation and storage till installation, at no extra cost to NCDC.
- c) All demurrage, wharfage and similar expenses due to delayed clearance shall be borne by the Contractor.
- d) Delivery, storage, safety and security of the material at site, and any road permits required, shall be the Contractor's responsibility.

## 8.11 Post-Commissioning Documentation

On completion, the Contractor shall submit: system layout and single-line diagram; all statutory consents/approvals/NOCs obtained (including from the applicable DHBVN and Electrical Inspectorate, where required for the sanctioned load/capacity); test certificates for the modules and inverter from an MNRE-authorised test centre; the Joint Commissioning Certificate (Form L); and photographs of the site before and after installation.

## 8.12 Applicable Law and Notices

The Contract shall be governed by the laws of India. Any notice under the Contract shall be given in writing, by e-mail or registered post/courier, to the address specified in the Contract, and shall be deemed effective on delivery or on its stated effective date, whichever is later.

## 8.13 Timeline and Payment Terms

- a) Installation and commissioning shall be completed within the period specified in the Bid Details from the date of issue of the Work Order.
- b) Payment shall be made of the Work Order value on successful supply, installation, testing and commissioning of the system, on submission of the Joint Commissioning & Handing-Over Certificate (Form L), duly countersigned by NCDC's designated officer.
- c) In case of any ambiguity in interpretation of any provision of this Bid, NCDC's decision shall be final.

## 8.14 Other General Conditions

- a) The Contractor shall provide the I-V curve and technical test data (Voc, Isc, FF, cell efficiency, Pmax, etc.) of each module along with the consignment.
- b) The Contractor shall conduct a brief training programme for NCDC's facility staff on the operation and maintenance of the system, at the time of handover.
- c) The Contractor shall continue to make spare parts available after expiry of the warranty period, at NCDC's cost, on request.
- d) It shall be the Contractor's responsibility to get the quality and quantity of supplied material verified at the site of delivery.
- e) NCDC reserves the right to inspect the site and verify performance parameters at any time during the warranty period.
- f) The Contractor shall not publicise photographs or details of the work without NCDC's prior written permission.
- g) The Bidders and their officers, employees, agents and advisers shall observe the highest standards of ethics during the Bidding process. NCDC shall reject a Bid, without liability, if it determines that the Bidder has engaged in any corrupt, fraudulent, coercive, undesirable or restrictive practice (as commonly defined in Central Government procurement documents) in connection with the Bidding process, and may forfeit the EMD/Performance Security and debar the Bidder for up to 2 years.
- h) Conflict of Interest: A Bidder found to have a Conflict of Interest affecting the fairness of the Bidding process shall be disqualified, without prejudice to NCDC's other rights and remedies.
- i) Prior to the submission of bid, the bidder is advised to inspect and be fully conversant with the existing infrastructure at project site including availability/laying of cables, equipment's, space requirement. All necessary accessories/ items/ tools & tackles etc. required for completion of work shall be incidental to the work and nothing extra other than quoted rates shall be payable. 100% commissioning of Rooftop On-Grid Solar Plant is the responsibility of contractor/bidder.
- j) The bidder shall provide a single point of contact/ Toll free number, so that authority can contact him for any kind of issue/complaint of the installed system.

## Section 9. Contracting Arrangements

### 9.1 Signing of the Contract Agreement

- a) A Contract Agreement shall be signed by the successful Bidder with NCDC within 7 days of communication of the Letter of Award. Failure to sign within the stipulated time may result in forfeiture of the EMD and suspension of the Bidder from NCDC's bidding process for a period of 1 year.
- b) The Agreement shall subsist for the completion period plus the warranty period. Stamping/execution costs shall be borne by the successful Bidder.

### 9.2 Performance Security

The successful Bidder shall furnish a Performance Bank Guarantee (PBG) / pledge of FDRs equivalent to 5% of the Work Order value, issued by a nationalised or scheduled bank in favour of "NCDC NCFT", payable at LINAC Gurugram, valid for a period covering completion, commissioning and the comprehensive warranty period (plus claim period), in the format at Form I. No bank charges or interest shall be payable by NCDC against the PBG/ FDRs. The PBG's/ FDRs validity shall be extended by the Contractor if actual completion is delayed for any reason.

### 9.3 Termination of Contract

- a) Termination for insolvency: NCDC may terminate the Contract by written notice, without compensation, if the Contractor becomes bankrupt or otherwise insolvent, without prejudice to any accrued right of action or remedy of NCDC.
- b) Termination for convenience: NCDC may, by written notice, terminate the Contract in whole or in part at any time for its convenience, stating that the termination is for NCDC's convenience.
- c) If work is stopped altogether, the Contractor shall be paid only for work done and expenses reasonably incurred up to the date of the notice, as assessed by NCDC (final and binding). If the work is reduced in scope, the Contractor shall not be entitled to compensation for anticipated profit on the reduced portion.

## Section 10. Scope of Work and Technical Specifications

The scope of work covers Design, Supply, Installation, Testing, Commissioning, and one year comprehensive warranty of a single 148.80kWp Grid-Connected SPV Rooftop Plant for captive use (Capex mode) at LINAC NCDC at Plot No-89, Sector-18, Institutional Area, Gurugram, Haryana-122015, as per the technical specifications below.

- a) Wiring up to the Distribution Board from the SPV Rooftop system shall be in the Contractor's scope.
- b) Performance testing of the complete system.
- c) Provision of a Remote Monitoring System.
- d) All necessary approvals from the applicable DHBVN and the Electrical Inspectorate, feasibility study, civil work, module-mounting-structure erection, PV module installation, inverter installation, DC/AC cabling and interconnections, lightning arrester and earthing installation as

per applicable standards, net metering, and arranging all necessary pre-commissioning inspections, shall be in the Contractor's scope.

The make of all items must conform to BIS/MNRE technical specifications. The Contractor shall provide Test Certificates of the proposed makes from an MNRE-authorized testing centre or NABL-accredited laboratory.

## 10.1 System Overview

A Grid-Tied Solar Rooftop PV Power Plant shall consist of the SPV array, Module Mounting Structure, Power Conditioning Unit (PCU, comprising MPPT, inverter, controls and protections), **Bi-directional Net Meter**, interconnection cables, junction boxes, distribution boxes, isolators/switches and other necessary accessories. The system shall be **without battery storage** and shall be **grid-interactive (grid-tied)**. The Bi-directional Net Meter shall be capable of recording both the import of electricity from the grid and the export of surplus solar electricity to the grid. The system shall be designed with the following major components:

- a) Solar PV modules
- b) Grid-interactive Power Conditioning Unit (Inverter)
- c) Mounting structure
- d) Junction boxes
- e) Earthing and lightning protection
- f) IR/UV-protected PVC cables, conduits and accessories
- g) Remote Monitoring System, Etc.

The system shall use **crystalline-silicon PV** technology and adhere to national/international standards specified by MNRE from time to time.

## 10.2 Solar PV Modules

| Parameter                    | Requirement                                                                                                       |
|------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Origin</b>                | As listed on the MNRE ALMM List-I on the date of Bid submission                                                   |
| <b>Module efficiency</b>     | $\geq 19.5\%$                                                                                                     |
| <b>Fill factor</b>           | $\geq 75\%$                                                                                                       |
| <b>Performance warranty</b>  | Output $\geq 90\%$ of rated capacity at end of 10 years; $\geq 80\%$ at end of 25 years                           |
| <b>Module frame</b>          | Non-corrosive, electrically compatible with the mounting structure material                                       |
| <b>Termination box</b>       | Thermo-plastic, IP 65, UV resistant                                                                               |
| <b>Blocking diodes</b>       | Schottky type                                                                                                     |
| <b>Minimum module rating</b> | Not less than 500 Wp per module (or the prevailing standard high-wattage module class at the time of procurement) |
| <b>Identification tag</b>    | Fitted inside the module, environment-resistant for the module's                                                  |

|                                    |                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | lifetime; to show manufacturer name/logo, month & year of manufacture, model no., serial no., and “Made in India”                                                              |
| <b>Power rating basis</b>          | As per Standard Test Conditions (STC); I-V curve of each module to be submitted                                                                                                |
| <b>Compliance standards</b>        | IEC 61215 / IS 14286; IEC 61730 Part 1 & 2                                                                                                                                     |
| <b>Salt mist corrosion testing</b> | As per IEC 61701                                                                                                                                                               |
| <b>Power tolerance</b>             | Rated output tolerance of $\pm 3\%$ ; peak-power-point voltage/current of any module or string not to vary by more than 2% from the arithmetic mean across all modules/strings |

Material Warranty: The manufacturer shall warrant the modules to be free from manufacturing and material defects for not less than 25 years from the date of sale. Test reports/certificates from an IEC/NABL/MNRE-accredited laboratory shall be mandatorily furnished for the relevant standards. The bidder must upload/submit a valid Manufacturing/OEM Authorisation Certificate along with the bid. Failure to submit the required certificate may result in the bid being considered non-responsive, subject to the terms and conditions of the tender. If the Bidder is not the Manufacturer/OEM, the warranty shall be provided and duly backed by the respective Manufacturer/OEM. The Manufacturer/OEM shall be responsible for honouring all warranty obligations for the supplied products throughout the warranty period.

### 10.3 Module Mounting Structure (MMS)

PV modules shall be mounted on fixed metallic structures designed for a minimum service life of 25 years, having adequate structural strength to withstand module load and local wind forces.

| Parameter / Element                      | Technical Requirement & Standard Specifications                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material &amp; Coating</b>            | Hot-Dip Galvanized Iron (GI), Hot-Dip Galvanized Mild Steel (MS per IS 2062:2011), or Aluminium (AA6063 T6 with anti-corrosion treatment). Structural steel galvanizing shall conform to IS 4759 / EN 1461 with a minimum coating thickness of <b>80 microns</b> . Raw materials and welds shall comply with IS 2062/1079/1161/1239/4923 and IS 822.                                     |
| <b>Member Dimensions &amp; Thickness</b> | <ul style="list-style-type: none"> <li>• <b>Columns:</b> Minimum section 60 mm × 40 mm.</li> <li>• <b>Rafters:</b> Minimum section 60 mm × 40 mm.</li> <li>• <b>Purlins:</b> Minimum section 40 mm × 40 mm.</li> <li>• <b>Thickness:</b> Minimum <b>2.0 mm</b> for hollow rectangular/square/circular pipe sections; minimum <b>2.5 mm</b> for all other structural material.</li> </ul> |
| <b>Wind Load &amp; Design Life</b>       | Designed for the wind zone of Gurugram to withstand wind speeds up to <b>150 km/h</b> with a minimum safety factor of <b>1.5</b> per IS 875-III. Vendor shall submit a <b>Structural Stability Certificate</b> issued by a certified Structural Engineer.                                                                                                                                |
| <b>Fasteners &amp; Clamps</b>            | All nuts, bolts, J-bolts, anchor fasteners, and structural hardware shall be Stainless Steel ( <b>SS 304</b> grade) or Hot-Dip Galvanized. Module mounting clamps shall be                                                                                                                                                                                                               |

| Parameter / Element                      | Technical Requirement & Standard Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          | corrosion-resistant aluminium.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Foundation &amp; Ground Clearance</b> | <ul style="list-style-type: none"> <li>• <b>Ground Clearance:</b> Clearance of the bottom-most edge of the solar panel shall be <b>300 mm to 1200 mm</b> (or as per site feasibility).</li> <li>• <b>Ballast Mounting (Non-Invasive):</b> Preferred where roof penetration is prohibited; M25 RCC ballast blocks with 70–150 mm ventilation clearance.</li> <li>• <b>Penetrative Mounting:</b> Follows IS 6403/456/4091/875 and IS 5624. Base plates and foundation arrangements must support module load, wiring, and optional cleaning/sprinkler systems.</li> </ul> |
| <b>Orientation &amp; Access</b>          | Optimised tilt angle for maximum insolation without inter-row shading; adequate row spacing provided for maintenance and cleaning access.                                                                                                                                                                                                                                                                                                                                                                                                                              |

## 10.4 Grid-Tied Inverter (Power Conditioning Unit)

The inverter converts the DC output of the SPV array to grid-synchronised AC. Typical technical features required:

| Parameter                               | Requirement                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Total AC output power</b>            | To match the 148.80kWp DC plant capacity for optimum system efficiency; single or three-phase as per site load and sanctioned connection |
| <b>Input DC voltage range</b>           | As required for the corresponding inverter capacity                                                                                      |
| <b>MPPT</b>                             | Built-in; 1 or more independent MPPT inputs                                                                                              |
| <b>Operating AC voltage / frequency</b> | As per site requirement; 49.5–50.5 Hz operating range, 50 Hz nominal                                                                     |
| <b>Power factor</b>                     | > 0.97 at nominal power                                                                                                                  |
| <b>Total harmonic distortion</b>        | < 3%                                                                                                                                     |
| <b>Built-in protection</b>              | AC high/low voltage; AC high/low frequency                                                                                               |
| <b>Operating ambient temperature</b>    | –5°C to +55°C                                                                                                                            |
| <b>Humidity</b>                         | 0–95% RH                                                                                                                                 |
| <b>Inverter efficiency</b>              | > 90% (for capacity < 10 kW); ≥ 93–97% typical for 10 kW+ class inverters, as applicable                                                 |
| <b>Protection degree</b>                | IP 65 (outdoor) / IP 54 (indoor)                                                                                                         |
| <b>Communication interface</b>          | RS 485 / RS 232 / RJ45                                                                                                                   |
| <b>Safety compliance</b>                | IEC 62109-1, IEC 62109-2                                                                                                                 |
| <b>Environmental testing</b>            | IEC 60068-2 (1, 2, 14, 30)                                                                                                               |
| <b>Efficiency measurement</b>           | IS/IEC 61683                                                                                                                             |

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Anti-islanding protection</b> | Conforming to IEEE 1547 / UL 1741 / IEC 62116 or equivalent BIS standard                                                     |
| <b>Display</b>                   | LCD/LED showing output power (W), cumulative energy (Wh), DC/AC voltage & current, frequency, and cumulative operating hours |

The inverter shall be capable of fully automatic operation (wake-up, synchronisation, shutdown), shall include a built-in meter/data logger, and shall comply with the CEA (Technical Standards for Connectivity of Distributed Generation Resources) Regulations for harmonics, flicker, DC injection, voltage and frequency ranges, and anti-islanding at the point of connection.

## 10.5 Remote Monitoring System

A Remote Monitoring System with per-minute data logging (GPRS/internet-based), viewable on desktop and smartphone, shall be provided. Data (generation, plant performance, alarms) must be accessible to NCDC's facility/engineering team through a web/app dashboard.

## 10.6 Protections — Lightning, Surge and Earthing

- Lightning protection as per IEC 62305/IS 2309, with Lightning Arrestors covering the full SPV array area; induced-voltage protection via Metal Oxide Varistors (MOVs) and suitable earthing.
- DC and AC surge protection devices (Type 2, per IEC 60364-5-53), installed in the DC and AC Distribution Boxes respectively, adjacent to the inverter.
- Each array structure shall be earthed as per IS 3043-1987; PCU, ACDB and DCDB shall also be separately earthed. Earth resistance shall not exceed 5 ohms, tested with a calibrated earth tester; all earthing points bonded to the same potential.
- Chemical Treated Copper bonded Earthing Electrode as per As per IEC Specifications.

## 10.7 Cabling

The quoted rate shall be inclusive of all required AC and DC cabling.

- Cables shall conform to IEC 60227/IS 694 and IEC 60502/IS 1554, rated for  $-10^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$  and 660/1000 V.
- DC cabling: multi-stranded copper conductor, XLPE/XLPO insulated, UV-stabilised, single-core flexible copper, rated 1000 V DC or higher; multi-core DC cables shall not be used. Minimum DC cable size: 4.0 mm<sup>2</sup> copper OR higher rating as per system requirement.
- AC cabling: PVC or XLPE insulated, PVC sheathed, single or multi-core flexible copper, with UV-stabilised outer sheath for outdoor runs. Minimum AC cable size: 10.0 mm<sup>2</sup> copper (suitable for a plant of this size) OR higher rating as per system requirement.
- Voltage drop: not to exceed 1.0% from modules to inverter, and 2.0% from inverter to the building distribution board.
- DC cables shall run through UV-stabilised PVC conduit (minimum 1.5 mm wall thickness) or HDPE conduit; flexible corrugated PVC conduit shall not be used.
- MC4-type solar PV connectors and couplers shall be used for module interconnections.

- g) Colour coding: DC positive — red; DC negative — black; AC single-phase — phase red / neutral black; AC three-phase — phases red/yellow/blue, neutral black, earth green.
- h) All cable ties shall be UV-resistant; cable conductors shall terminate with tinned-copper end-ferrules, crimped with proper tools.
- i) Cables shall be rated for a design life compatible with the 25-year life of the PV panels.

## **10.8 DC/AC Distribution Boxes, Tools, Signage and Fire Safety**

- a) A DC Combiner Box shall combine DC cables from the module strings, with DC fuse protection on the outgoing cable(s) to the DC Distribution Box.
- b) The DC Distribution Box (thermoplastic, IP 65, DIN-rail mounting) shall include a 2-pole DC circuit breaker (or DC isolator with fuse) and a Class-2 DC SPD.
- c) The AC Distribution Box (thermoplastic, IP 65, DIN-rail mounting) shall include an AC circuit breaker and a Class-2 AC SPD.
- d) Necessary tools & tackles shall be supplied free of cost by the Contractor for maintenance purposes after commissioning.
- e) Appropriate danger/warning signage shall be provided near the array area and any control/inverter room, per IE Rules.
- f) A portable fire extinguisher (suitable for electrical fires) shall be provided near the inverter/control location, conforming to BIS standards.

## **10.9 Documentation to be Furnished**

- System description with working principles
- System single-line diagram
- Solar PV array layout
- Routing diagram of cables and wires
- Datasheets and user manuals for PV panels and inverter
- System O&M manual (English)
- Name, address, phone and e-mail of the service centre/contact for complaints
- Warranty cards
- Maintenance registers
- Test certificates/reports from an IECQ/NABL-accredited laboratory for the PV modules and inverter

## **10.10 Net Metering and Utility Interconnection**

Net metering and grid interconnection for the plant shall be carried out as per the HERC (Haryana Electricity Regulatory Commission) (Net Metering for Rooftop Solar PV Grid Interactive Systems) Regulations, 2014, as amended from time to time, and the requirements of the applicable Gurugram distribution licensee for NCDC's site (DHBVN OR any other, as the case may be). The Contractor shall be responsible for obtaining all consents and completing net-metering formalities with the DISCOM, including submission of applications, technical drawings, and liaison for meter installation.

| Parameter                     | Requirement / Reference                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Overall grid standards</b> | Central Electricity Authority (Grid Standards) Regulations, 2010 or latest Compliance as applicable            |
| <b>Equipment / meters</b>     | BIS/IEEE/IEC and CEA (Installation & Operation of Meters) Regulations, 2013 or latest Compliance as applicable |
| <b>Safety &amp; supply</b>    | CEA (Measures Relating to Safety and Electricity Supply) Regulations, 2010 or latest Compliance as applicable  |
| <b>Harmonic current</b>       | IEEE 519 & CEA (Connectivity of Distributed Generation Resources) Regulations, 2013 — within IEEE 519 limits   |
| <b>Synchronisation</b>        | Grid-frequency synchronisation device; voltage fluctuation not to exceed $\pm 5\%$ at point of connection      |
| <b>Voltage window</b>         | 80–110% of nominal connected voltage; isolate within 2 seconds beyond this window                              |
| <b>Frequency window</b>       | 49.5–50.5 Hz; over/under-frequency trip within 0.2 seconds outside this range                                  |
| <b>DC injection</b>           | Not more than 0.5% of full rated output at the interconnection point                                           |

## 10.11 Planning, Safety and General Instructions

- a) The Contractor shall carry out a shadow analysis at the site and design the string/array layout for optimal use of the available roof area.
- b) The Contractor shall be responsible for electrical safety of the installation, including grid connectivity, per the latest Electricity Act and CEA guidelines.
- c) Security, safety, watch and ward of material at site shall be the Contractor's responsibility; first-aid facilities shall be provided during installation.
- d) All labour, employment and statutory-compliance matters (EPF, ESIC, Factories Act 1948, Contract Labour (Regulation & Abolition) Act 1970, Haryana Shops & Establishments Act, etc.) for the Contractor's workforce shall be handled solely by the Contractor.
- e) Statutory clearances to be obtained (as applicable): drawing approval from NCDC; electrical safety approval from the Chief Electrical Inspector (if applicable for the sanctioned capacity/connection); compliance of all equipment/civil work with BIS/IEC and statutory requirements.

## Section 11. Forms — Part I: Technical

### 11.1 Form A: Covering Letter

(On the Bidder's letterhead)

To,

The Deputy Director (LINAC)  
LINAC NCDC,  
Plot No-89, Sector-18, Institutional Area,  
Gurugram, Haryana- 122015

Subject: Bid for Design, Supply, Erection, Testing and Commissioning of a 148.80kWp Grid-Interactive Solar Rooftop Power Plant at LINAC NCDC Gurugram — Bid No. NCDC/33-70/2026/SOLAR-148.80kWp/2026-27

Sir/Madam,

Having examined the Bid Document, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to execute the above work in full conformity with the said Bid Document. We undertake, if our Bid is accepted, to commence and complete the work within the time frame specified. We agree to abide by this Bid for the period of Bid validity specified, and it shall remain binding upon us. Until a formal Contract is prepared and executed, this Bid, together with your written acceptance, shall constitute a binding Contract between us.

We understand that NCDC is not bound to accept the lowest or any Bid it receives.

Signature of authorised signatory: \_\_\_\_\_

Name & Designation: \_\_\_\_\_

Seal: \_\_\_\_\_

Date: \_\_\_\_\_

### 11.2 Form B: General Particulars of the Bidder

| Particulars                                                         | Details |
|---------------------------------------------------------------------|---------|
| 1. Name of the firm/company                                         |         |
| 2. Registered office address                                        |         |
| 3. Constitution (Pvt Ltd/Public Ltd/LLP/Partnership/Proprietorship) |         |
| 4. Year of establishment                                            |         |
| 5. GSTIN                                                            |         |
| 6. PAN                                                              |         |
| 7. Udyam/MSE registration no. (if applicable)                       |         |
| 8. Contact person, phone, e-mail                                    |         |
| 9. Authorised signatory & designation                               |         |

### 11.3 Form C: Checklist

Bidders shall confirm submission of each item in Section 4.1 against this checklist (Yes/No/Not Applicable, with page reference), duly signed.

## 11.4 Form D: Proof of Payment of Tender Fee

Bidder to attach the DD/RTGS/NEFT transaction receipt for the Tender Fee (if levied) referred to in the Bid Details.

## 11.5 Form E: Earnest Money Deposit — Bank Guarantee Format

(To be furnished on non-judicial stamp paper by a nationalised/scheduled bank)

In consideration of the National Cooperative Development Corporation (“NCDC”) having agreed to receive the Bid of M/s \_\_\_\_\_ (“the Bidder”) for, *“Design, Supply, Erection, Testing and Commissioning of a 148.80kWp Grid-Interactive (On-Grid) Solar Rooftop Power Plant at LINAC NCDC Gurugram, on Turnkey (Capex) Basis, Including Comprehensive Warranty for One Year”* we, \_\_\_\_\_ [Bank name and branch], hereby unconditionally and irrevocably guarantee to pay NCDC-NCFT, on demand, any sum up to ₹ \_\_\_\_\_ (EMD amount) without any demur, reservation, contest or protest, and without reference to the Bidder, if the Bidder fails to keep its Bid open, withdraws it during the validity period, or fails to sign the Contract Agreement/furnish Performance Security after acceptance of its Bid. This guarantee shall be valid until \_\_\_\_\_ [date, i.e., 6 months from Bid due date] and shall be extended on request of NCDC.

## 11.6 Form F: Documentary Evidence in Support of Eligibility Criteria

Bidder to enclose, cross-referenced to each criterion in Section 5: Certificate of Incorporation; work-order/completion-certificate copies for past performance; CA-certified turnover statement; CA-certified net-worth certificate; GSTIN certificate; test reports/OEM authorisation; and a self-declaration of ALMM compliance.

## 11.7 Form G: Schedule of Experience (Supply & Installation)

| Sr. | Client Name & Address | Order No. & Date | Capacity (kWp) | Date of Completion | Contact for Verification |
|-----|-----------------------|------------------|----------------|--------------------|--------------------------|
|     |                       |                  |                |                    |                          |

## 11.8 Form H: Notarised Affidavit

(On non-judicial stamp paper, notarised)

I/We, \_\_\_\_\_, authorised signatory of M/s \_\_\_\_\_, hereby solemnly affirm and declare that:

- (i) All information and documents submitted with this Bid are true and correct to the best of our knowledge;
- (ii) Our firm is not currently blacklisted/debarred by any Ministry/Department/PSU of the Central or any State Government;
- (iii) Our firm has no outstanding dues of Income Tax/GST; and
- (iv) The General and Technical terms of this Bid Document are acceptable to us without deviation, except as specifically noted in our Bid.

## 11.9 Form I: Format of Performance Bank Guarantee (PBG)

(To be furnished, on award, by a nationalised/scheduled bank, in favour of NCDC-NCFT, payable at Gurugram)

We, \_\_\_\_\_ [Bank name and branch], hereby unconditionally and irrevocably guarantee to pay NCDC-NCFT, on demand, any sum up to ₹ \_\_\_\_\_ (Performance Security amount) representing due performance of the Contract dated \_\_\_\_\_ between NCDC and M/s \_\_\_\_\_, without any demur, reservation or protest and without reference to the Contractor, upon NCDC's written demand stating that the Contractor has failed to fulfil its obligations under the Contract. This guarantee is valid until \_\_\_\_\_ [date — completion + One year warranty period + claim period] and may be extended/enforced within that period.

## 11.10 Form J: Bid Security Declaration (for exempted MSEs/Startups)

(On non-judicial stamp paper)

I/We, \_\_\_\_\_, hereby declare that in the event our Bid is withdrawn or modified during the Bid validity period, or we fail to sign the Contract or furnish Performance Security after acceptance, our firm will be suspended from participating in any tender/Bid issued by NCDC for a period of 02 Years, in lieu of the Earnest Money Deposit.

## 11.11 Form K: Format for Power of Attorney

(On non-judicial stamp paper, where the Bid is signed by a person other than the constituted authority of the firm, authorising that person to sign and submit the Bid and all related documents on the firm's behalf.)

## 11.12 Form L: Joint Commissioning and Handing-Over Certificate / Warranty Card

| Particulars                         | Details |
|-------------------------------------|---------|
| Name of site / address              |         |
| Plant capacity commissioned (kWp)   |         |
| Date of commissioning               |         |
| Make/model of PV modules & inverter |         |
| Net-meter installation confirmation |         |
| Warranty start date & expiry date   |         |
| Signature — Contractor              |         |
| Signature — NCDC designated officer |         |

## 11.13 Form M: Technical Bid Format: - Annexure A

## 11.14 Form N: Price Bid Format: -Annexure B

### Annexure A

### Technical Bid Format — Section wise Compliance Statement

Ref: Tender Section 10 — Scope of Work and Technical Specifications

**Project:** Design, Supply, Installation, Testing, Commissioning, and One Year Comprehensive Warranty of 148.80kWp Grid-Connected SPV Rooftop Plant at LINAC, Plot no. 89, Sec-18,Gurugram,Haryana – 122015

**Bidder Name:** [Insert Bidder Name]

| Ref. Section No. | Parameter / Specification Summary | Specified Tender Requirement<br>(For detailed description refer relevant Section number of the bid document)                                                                                                                                                             | Offered Specification / Details                              | Compliance Status<br>(Complied / Non-Complied / Deviation) | Supporting Document Reference<br>(Datasheet / Cert. Annexure No.) |
|------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------|
| 10.0             | Scope of Work                     | Design, Supply, Installation, Testing, Commissioning, and one year Comprehensive Warranty for 148.80kWp Grid-Connected SPV Plant at LINAC NCDC Gurugram (Capex mode). Includes DB wiring, DISCOM/Electrical Inspectorate approvals, net metering, and remote monitoring. | [Confirm scope capability]                                   |                                                            | Annexure 1                                                        |
| 10.1             | System Overview                   | Grid-tied system without battery storage. Crystalline-silicon technology. BIS/MNRE-compliant makes with test certificates from NABL/MNRE-approved labs.                                                                                                                  | [Specify PV technology & component makes]                    |                                                            | Datasheet Set A                                                   |
| 10.2             | PV Module Origin                  | As listed on MNRE ALMM List-I on bid submission date.                                                                                                                                                                                                                    | [Manufacturer Name, Model No., ALMM Enrolment No.]           |                                                            | ALMM List-I Excerpt                                               |
| 10.2             | Module Efficiency                 | ≥ 19.5%                                                                                                                                                                                                                                                                  | [Actual offered efficiency, e.g., 21.2%]                     |                                                            | Module Datasheet                                                  |
| 10.2             | Fill Factor                       | ≥ 75%                                                                                                                                                                                                                                                                    | [Actual FF, e.g., 78.5%]                                     |                                                            | Module Datasheet                                                  |
| 10.2             | Module Rating                     | ≥ 500 Wp per module                                                                                                                                                                                                                                                      | [Offered rating, e.g., 545 Wp]                               |                                                            | Module Datasheet                                                  |
| 10.2             | Module Warranties                 | <ul style="list-style-type: none"> <li>Material: ≥ 25 years</li> <li>Performance: ≥ 90% at 10 years; ≥ 80% at 25 years</li> </ul>                                                                                                                                        | [Confirm warranty terms offered]                             |                                                            | Manufacturer Warranty Letter                                      |
| 10.2             | Module Compliance                 | IEC 61215 / IS 14286; IEC 61730 Part 1 & 2; IEC 61701 (Salt Mist). Thermoplastic IP 65 JB; Schottky blocking diodes; RFID/ID tag inside.                                                                                                                                 | [List standard certificate numbers]                          |                                                            | IEC/NABL Test Certificates                                        |
| 10.3             | Module Mounting Structure (MMS)   | Fixed structure designed for Gurugram wind zone (IS 875-III, safety factor ≥ 1.5). Hot-Dip Galvanized Steel (IS 2062/IS 4759) or Aluminium (AA6063 T6). SS 304 / HDG fasteners. 25-year service life.                                                                    | [Structure material type, clearance height, design standard] |                                                            | MMS Structural Design & Wind Load Cert                            |
| 10.4             | Inverter Capacity & Type          | Grid-tied interactive PCU matching 148.80kWp plant capacity; 3-phase / 1-phase as required by site load. Built-in MPPT.                                                                                                                                                  | [Inverter Make, Model, Rated Capacity]                       |                                                            | Inverter Datasheet                                                |
| 10.4             | Inverter Efficiency & PF          | <ul style="list-style-type: none"> <li>Efficiency: ≥ 93--97%</li> <li>Power Factor: &gt; 0.97 at nominal power</li> <li>THD: &lt; 3%</li> </ul>                                                                                                                          | [Efficiency, PF, THD parameters]                             |                                                            | Inverter Test Report                                              |
| 10.4             | Inverter Protections & Standards  | IP 65/IP 54; IEC 62109-1/2, IEC 60068-2, IS/IEC 61683. Anti-islanding per IEEE 1547 / UL 1741 / IEC 62116. CEA Connectivity compliant. LCD/LED display & RS485/RJ45 interfaces.                                                                                          | [Confirm standard compliance & protection features]          |                                                            | IEC Compliance Certificates                                       |
| 10.5             | Remote Monitoring                 | Per-minute GPRS/internet data logging; web/mobile app dashboard access for NCDC during warranty period.                                                                                                                                                                  | [RMS Software/Hardware details]                              |                                                            | RMS Specification                                                 |

| Ref. Section No. | Parameter / Specification Summary         | Specified Tender Requirement<br>(For detailed description refer relevant Section number of the bid document)                                                                                                                                                                                                                                                                                                                                                                                                                                           | Offered Specification / Details                          | Compliance Status<br>(Complied / Non-Complied / Deviation) | Supporting Document Reference<br>(Datasheet / Cert. Annexure No.) |
|------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------|
|                  | <b>System</b>                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                                            | Sheet                                                             |
| 10.6             | <b>Protections &amp; Earthing</b>         | Lightning arrestors (IEC 62305/IS 2309); Class-2 DC & AC SPDs (IEC 60364-5-53); Separate earthing (IS 3043) for array, PCU, and distribution boxes; Earth resistance $\leq 5 \Omega$ . OR as per system requirement.                                                                                                                                                                                                                                                                                                                                   | [Earthing material, LA type, SPD specs]                  |                                                            | Earthing & Protection Layout Drawing                              |
| 10.7             | <b>Cabling Specifications</b>             | <ul style="list-style-type: none"> <li>• <b>DC Cable:</b> Single-core flexible tinned copper, XLPE/XLPO, UV-stabilized, <math>\geq 4.0 \text{ mm}^2</math>, rated 1000 V DC OR higher rating as per system requirement.</li> <li>• <b>AC Cable:</b> Flexible copper, PVC/XLPE, <math>\geq 10.0 \text{ mm}^2</math>. OR higher rating as per system requirement.</li> <li>• <b>Voltage drop:</b> <math>\leq 1\%</math> (DC), <math>\leq 2\%</math> (AC).</li> <li>• UV-stabilized rigid PVC/HDPE conduits (min 1.5 mm wall). MC4 connectors.</li> </ul> | [Specify DC cable make/spec, AC cable make/spec]         |                                                            | Cable Test Certificates & Datasheets                              |
| 10.8             | <b>Distribution Boxes &amp; Safety</b>    | <ul style="list-style-type: none"> <li>• IP 65 DC Combiner/Distribution Box with DC Breaker/Isolator + Class-2 SPD.</li> <li>• IP 65 AC Distribution Box with AC MCB/MCCB + Class-2 SPD.</li> <li>• Maintenance tools, danger signage, and portable fire extinguisher provided.</li> </ul>                                                                                                                                                                                                                                                             | [A/B/DCDB/ACDB enclosure make & protective gear ratings] |                                                            | DB Single Line Diagram (SLD)                                      |
| 10.9             | <b>Documentation</b>                      | Submission of System Description, SLD, Array Layout, Cable Routing, Datasheets, Manuals, Service Center contact details, Warranty Cards, Maintenance Registers, and Test Reports.                                                                                                                                                                                                                                                                                                                                                                      | [Confirm submission commitment]                          |                                                            | Draft SLD & Layout Attached                                       |
| 10.10            | <b>Net Metering &amp; Interconnection</b> | Compliance with DERC Net Metering Regulations 2014 & DISCOM guidelines. Complete liaisoning, application processing, approvals, and meter installation in bidder's scope.                                                                                                                                                                                                                                                                                                                                                                              | [Confirm liaison commitment for Gurugram DISCOM area]    |                                                            | Net Metering Process Undertaking                                  |
|                  | <b>Grid Standards &amp; Quality</b>       | <ul style="list-style-type: none"> <li>• <b>Voltage Window:</b> 80--110% (Trip <math>\leq 2 \text{ s}</math>)</li> <li>• <b>Frequency Window:</b> 49.5--50.5 Hz (Trip <math>\leq 0.2 \text{ s}</math>)</li> <li>• <b>DC Injection:</b> <math>\leq 0.5\%</math> of rated output</li> <li>• Harmonic current within IEEE 519 limits.</li> </ul>                                                                                                                                                                                                          | [Confirm grid protection threshold configuration]        |                                                            | Inverter Grid Protection Settings                                 |
| 10.11            | <b>Safety, Planning &amp; Statutory</b>   | Shadow analysis, design optimization, adherence to EA 2003, site watch & ward, labor law compliance (EPF, ESIC, Factories Act, etc.), and obtaining all necessary statutory clearances/NOCs.                                                                                                                                                                                                                                                                                                                                                           | [Confirm full statutory and site safety compliance]      |                                                            | Statutory Compliance Declaration                                  |

**Authorized Signatory Information**

**Name of Authorized Signatory:** [Insert Name]

**Designation:** [Insert Designation]

**Name of Bidding Firm/Company:** [Insert Company Name]

**Contact No.**[Insert no.]

**Email Id.**[Insert email]

**Company Seal & Signature:** \_\_\_\_\_

**Date:** [Insert Date]

**Place:** [Insert Place]

**Annexure B****Price Bid Format****Ref:** Tender Section 10 — Scope of Work and Technical Specifications**Project:** Design, Supply, Installation, Testing, Commissioning, and One Year Comprehensive Warranty of 148.80kWp Grid-Connected SPV Rooftop Plant LINAC NCDC at Plot No-89, Sector-18, Institutional Area, Gurugram, Haryana- 122015**Bidder Name:** [Insert Bidder Name]**Schedule of Quantities & Cost**

| Sr. No.  | Description<br>(For detailed description refer relevant Section number of the bid document)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit       | Capacity / Qty | Total Amount<br>(Incl. Taxes)<br>(INR) |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|----------------------------------------|
| <b>1</b> | <b>Supply Portion (Supply of Equipment &amp; Materials for installing 148.80kWp Solar plant)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                |                                        |
| 1.01     | Supply of Crystalline Silicon Solar PV Modules ( $\geq 500$ Wp, ALMM List-I listed, efficiency $\geq 19.5\%$ , fill factor $\geq 75\%$ , as per Section 10.2 specifications of Bid Document) (Make-Waaree Energies, Adani Solar, Tata Power Solar Systems, Vikram Solar, Equivalent)                                                                                                                                                                                                                                                                                                                                                                                              | kWp        | 148.80         |                                        |
| 1.02     | Supply of 148.80 kW Grid-Tied Interactive Power Conditioning Unit / Inverter (with built-in MPPT, IP 65/54, display, RS485/RJ45, as per Section 10.4 specifications of Bid Document) (Make-Luminous/ Microtek/WaareeEnergies/UTL Solar,Equivalent)                                                                                                                                                                                                                                                                                                                                                                                                                                | Nos.       | 1              |                                        |
| 1.03     | Supply of Module Mounting Structure (MMS) (Hot-Dip Galvanized Iron/MS/Aluminium, designed for Gurugram wind zone as per IS 875-III, fasteners SS 304/HDG, as per Section 10.3 of Bid Document) (Make-Tata Steel/Appolo/ Jindal/Equivalent)                                                                                                                                                                                                                                                                                                                                                                                                                                        | Set        | 1              |                                        |
| 1.04     | Supply of Balance of System (BoS) including IP 65 DCDB/ACDB with Class-2 SPDs, single-core 1000V DC copper cables ( $\geq 4$ mm <sup>2</sup> OR higher rating as per system requirement.), AC cables ( $\geq 10$ mm <sup>2</sup> OR higher rating as per system requirement.), UV PVC/HDPE conduits, MC4 connectors, Lightning Arrestors, Earthing materials, Remote Monitoring System (GPRS/Internet-based), safety signs, and portable fire extinguisher (as per Sections 10.5–10.8 of Bid Document) (ACDB/DCDB Make-L&T/ ABB/Schneider/Equivalent), (Copper Cable Make-Havells/ Polycab/KEI/Equivalent) (Generational Meter along with CT-PT Sets Make-L&T/ Secure/Equivalent) | Set        | 1              |                                        |
| <b>2</b> | <b>Service Portion (Erection, Testing &amp; Commissioning)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |                |                                        |
| 2.01     | Charges for Civil works, Unloading, Site Erection of MMS, Module & Inverter Installation, DC/AC Cabling, Earthing & Lightning Protection Installation, Performance Testing, and Commissioning of the 148.80kWp SPV Plant(as per Section 10.3 of Bid Document)                                                                                                                                                                                                                                                                                                                                                                                                                     | Job        | 1              |                                        |
| 2.02     | Charges for Feasibility Study, DISCOM Liaisoning (DHBVN), Net-Metering approval/installation, and Electrical Inspectorate clearances (as per Section 10 & 10.10 of Bid Document)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Job        | 1              |                                        |
|          | <b>TOTAL PROJECT COST (Sr. No. 1.01 to 2.02)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>INR</b> |                |                                        |
|          | <b>Per kW Cost</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>INR</b> |                |                                        |

**Summary of Total Quoted Price**

- Total Quoted Price in Figures (Incl. of all Taxes & Duties):** ₹ \_\_\_\_\_ [Insert Numerical Amount]
- Total Quoted Price in Words:** Rupees \_\_\_\_\_ Only. [Insert Amount in Words]

**Terms & Declarations**

1. The quoted total price is all-inclusive (Supply, Civil/Erection, Testing, Commissioning, DISCOM/Net-metering liaisoning, Statutory Clearances, Taxes, Duties, Freight, Insurance, and One Year Comprehensive Warranty).
2. Rates quoted are firm and not subject to any escalation during the contract execution period.
3. All materials supplied shall strictly match or exceed the technical specifications mandated in Section 10.
4. Prior to the submission of bid, we have inspected and are fully conversant with the existing infrastructure at project site including availability/laying of cables, equipment's, space requirement. All necessary accessories/ items/ tools & tackles etc. required for completion of work shall be incidental to the work and nothing extra other than quoted rates shall be payable. 100% commissioning of Rooftop Solar Plant is the responsibility of bidder.

**Authorized Signatory Information**

**Name of Signatory:** [Insert Name]

**Designation:** [Insert Designation]

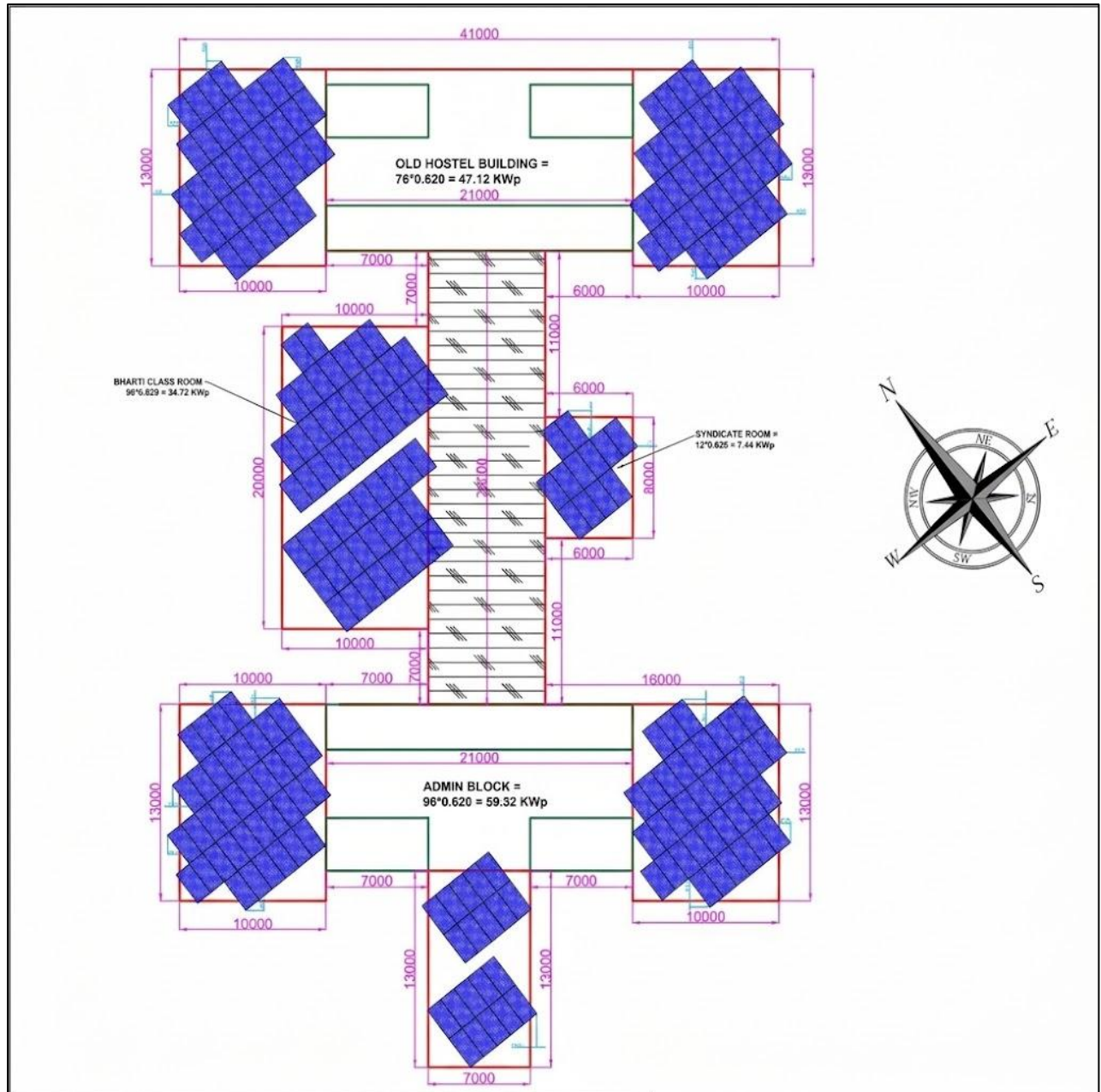
**Name of Bidding Firm:** [Insert Firm Name]

**Company Seal & Signature:** \_\_\_\_\_

**Date:** [Insert Date]

**Place:** [Insert Place]

**TENTATIVE PLANT LAYOUT: 148.8 Kwp On-Grid Rooftop SPV Plant, at NCDC-LINAC,  
Gurugram Haryana- 122015,**



**Key Capacity Details**

| Building/Area       | Module Configuration | Capacity          |
|---------------------|----------------------|-------------------|
| Admin Block         | 96 × 620 Wp          | 59.52 kWp         |
| Old Hostel Building | 76 × 620 Wp          | 47.12 kWp         |
| Syndicate Room      | 12 × 620 Wp          | 7.44 kWp          |
| Bharti Classroom    | 56 × 620 Wp          | 34.72 kWp         |
| <b>Total</b>        | <b>240 × 620 Wp</b>  | <b>148.80 kWp</b> |

**बिड दस्तावेज़ / Bid Document**

| बिड विवरण/Bid Details                                                                                                       |                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| बिड बंद होने की तारीख/समय /Bid End Date/Time                                                                                | 22-10-2026 15:00:00                                                        |
| बिड खुलने की तारीख/समय /Bid Opening Date/Time                                                                               | 23-10-2026 15:00:00                                                        |
| बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)                                                   | 30 (Days)                                                                  |
| मंत्रालय/राज्य का नाम/Ministry/State Name                                                                                   | Ministry Of Agriculture And Farmers Welfare                                |
| विभाग का नाम/Department Name                                                                                                | Department Of Agriculture And Farmers Welfare                              |
| संगठन का नाम/Organisation Name                                                                                              | National Co-operative Development Corporation (ncdc)                       |
| कार्यालय का नाम/Office Name                                                                                                 | Gurugram                                                                   |
| शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal                                                       | HOD Email id :linac.ncdc@nic.in<br>Buyer Email id: rohit.nagar.ncdc@nic.in |
| कुल मात्रा/Total Quantity                                                                                                   | 1                                                                          |
| वस्तु श्रेणी /Item Category                                                                                                 | Solar Power Plant (Roof Top) for ONGRID System, Three Phase (V2) (Q3)      |
| बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)              | 45 Lakh (s)                                                                |
| मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)                                      | 200 Lakh (s)                                                               |
| उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service              | 3 Year (s)                                                                 |
| टर्नओवर पात्रता मानदंड/Turnover eligibility criteria                                                                        | To be verified by the buyer at the time of technical evaluation            |
| एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover        | No                                                                         |
| स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover | No                                                                         |

| बिड विवरण/Bid Details                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| विक्रेता से मांगे गए दस्तावेज़/Document required from seller                                                                                                                                                              | Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),Compliance of BoQ specification and supporting document<br>*In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid? | Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)                                                                                                                                                                                                                                                                                                                                                                      |
| बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension                                                                                 | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended                                                                                                       | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count                                                                                                                                             | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| विगत प्रदर्शन /Past Performance                                                                                                                                                                                           | 80 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled                                                                                                                                                                        | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| बिड का प्रकार/Type of Bid                                                                                                                                                                                                 | Two Packet Bid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation                                                                                         | 2 Days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)                                      | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| अनुमानित बिड मूल्य / Estimated Bid Value                                                                                                                                                                                  | 9085728                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| मूल्यांकन पद्धति/Evaluation Method                                                                                                                                                                                        | Total value wise evaluation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| मध्यस्थता खंड/Arbitration Clause                                                                                                                                                                                          | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| सुलह खंड/Mediation Clause                                                                                                                                                                                                 | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

#### ईएमडी विवरण/EMD Detail

|                             |                     |
|-----------------------------|---------------------|
| एडवाइजरी बैंक/Advisory Bank | State Bank of India |
|-----------------------------|---------------------|

|                       |        |
|-----------------------|--------|
| ईएमडी राशि/EMD Amount | 454000 |
|-----------------------|--------|

#### ईपीबीजी विवरण /ePBG Detail

|                                                                   |                     |
|-------------------------------------------------------------------|---------------------|
| एडवाइजरी बैंक/Advisory Bank                                       | State Bank of India |
| ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)                           | 5.00                |
| ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months). | 14                  |

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

(c). ईएमडी और संपादन जमानत राशि लाभार्थी के पक्ष में होनी चाहिए। / Earnest Money Deposit (EMD) shall also be accepted by the buyer in the form of a surety bond.

#### लाभार्थी /Beneficiary :

NCDC NCFT

LAXMANRAO INAMDAR NATIONAL ACADEMY FOR COOPERATIVE RESEARCH AND DEVELOPMENT (LINAC), Plot No- 89, Sector-18, Institutional Area, Gurugram, Haryana- 122015  
(Ncdc Ncft)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

#### एमआईआई खरीद वरीयता / MII Purchase Preference

|                                                                                                                                                                      |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| एमआईआई खरीद वरीयता / MII Purchase Preference                                                                                                                         | Yes |
| मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में है / Purchase Preference to MII sellers available upto price within $L1+X\%$ | 20  |
| मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference                            | 50  |

|                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time) | Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

#### एमएसई खरीद वरीयता/MSE Purchase Preference

|                                                                                                                                                                                                           |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| एमएसई खरीद वरीयता/MSE Purchase Preference                                                                                                                                                                 | Yes |
| सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ / Purchase Preference to MSE OEMs/ Service Provider available upto price within $L1+X\%$           | 15  |
| सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference | 25  |

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The

buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

**5. Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

### **Solar Power Plant (Roof Top) For ONGRID System, Three Phase (V2) ( 1 set )**

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

#### **तकनीकी विशिष्टियाँ /Technical Specifications**

[\\* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

| विवरण/Specification          | विशिष्टि का नाम /Specification Name               | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)                                       |
|------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| INVERTER                     | <b>Rated output power of inverter (in KW)</b>     | 1, 1.5, 2, 3, 4, 5, 6, 8, 10, 12, 15, 17, 20, 25, 30, 40, 50, 60, 70, 80, 100, 110                    |
|                              | <b>Operating Voltage Range of Inverter</b>        | 200 V to 1000 V                                                                                       |
| PROTECTION FOR INVERTER      | <b>Power factor at rated output power</b>         | >/= 0.9                                                                                               |
| DISPLAY FEATURES ON INVERTER | <b>Type of display</b>                            | LCD, LED                                                                                              |
| Other Add on Items           | <b>Cabling work at input side for each system</b> | With PVC Conduit pipe with necessary clamps and screws, With G.I. Cable Tray with fitment accessories |

| विवरण/Specification | विशिष्टि का नाम /Specification Name                                    | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)                                                                                      |
|---------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| ARRAY STRUCTURE     | Material of mounting structure for mounting the modules/ panels/arrays | Structural Steel, Grade: E300 (as per IS 2062),<br>Structural Steel, Grade: E350 (as per IS 2062),<br>Structural Steel, Grade: E410 (as per IS 2062) |
| JUNCTION BOX        | Material of Junction Box                                               | GRP (Glass reinforced plastic), FRP (Fibre reinforced plastics), Powder Coated Aluminium                                                             |
|                     | Ingress protection (Degree of Protection) for Junction Box             | IP65                                                                                                                                                 |

उपरोक्त मद के लिए इंस्टॉलेशन कमीशनिंग एंड टेस्टिंग (आईसीटी) का विवरण / Installation Commissioning and Testing (ICT) details for the above item:

|                                                                             |         |
|-----------------------------------------------------------------------------|---------|
| % of Product Cost Payable on Product Delivery                               | 70%     |
| Min Cost Allocation for ICT as a % of product cost                          | 30%     |
| Number of days allowed for ICT after site readiness communication to seller | 30 Days |

प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

| क्र.सं./S.N o. | प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer | पता/Address                                                                               | मात्रा /Quantity | डिलीवरी के दिन/Delivery Days |
|----------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------|------------------------------|
| 1              | Rohit Nagar                                              | 122015,LINAC, Plot No.89, Sector-18, Institutional Area, Gurugram, Pin - 122015 (Haryana) | 1                | 30                           |

Buyer added Bid Specific Additional Scope of Work

| क्र.सं./S.N o. | Document Title                       | Description                                                                       | रिवर्स प्रभार के अनुसार जीएसटी/Applicable i.r.o. Items              |
|----------------|--------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1              | BID Document<br><a href="#">View</a> | 148.80 kWp Grid-Interactive (On-Grid) Solar Rooftop Power Plant at LINAC,Gurugram | Solar Power Plant (Roof Top) For ONGRID System, Three Phase (V2)(1) |

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

## क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

### 1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

### 2. Generic

After award of contract – Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 7 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 7 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from buyer side in approval of drawing– the delivery period shall be refixed without LD for the period of delay in approval of Drawing.

### 3. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

LAXMANRAO INAMDAR NATIONAL ACADEMY FOR COOPERATIVE RESEARCH AND DEVELOPMENT (LINAC)  
Plot No-89  
Sector-18  
Gurugram  
Haryana  
.

### 4. Generic

**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

### 5. Generic

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 7 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

### 6. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

### 7. Generic

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

8. **Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

9. **Generic**

**Manufacturer Authorization:**Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

10. **Generic**

**OPTIONAL SITE VISIT:**

1. The Bidder is advised to visit and examine the installation site and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid. The costs of visiting the site shall be borne by the Bidder.

as per attached scope of work it may be born by bidder

2. The Bidder representative shall be allowed entry upon consignee premises for such visits, only upon the express conditions that the Bidder will release and indemnify the Buyer and Consignee against all liabilities arising out of such visit including death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of such visit.

3. The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

11. **Generic**

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

12. **Generic**

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.

2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.

3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

13. **Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

#### 14. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

NCDC NCFT  
payable at  
LINAC Gurugram

. Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 15. **Forms of EMD and PBG**

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C

NCDC NCFT  
. The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

#### 16. **Forms of EMD and PBG**

Bidders can also submit the EMD with Banker's Cheque in favour of

NCDC NCFT  
payable at  
LINAC Gurugram

. Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 17. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

NCDC NCFT  
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

#### 18. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

The bidder must upload/submit a valid Manufacturing/OEM Authorisation Certificate along with the bid. Failure to submit the required certificate may result in the bid being considered non-responsive, subject to the terms and conditions of the tender. If the Bidder is not the Manufacturer/OEM, the warranty shall be provided and duly backed by the respective Manufacturer/OEM. The Manufacturer/OEM shall be responsible for honouring all warranty obligations for the supplied products throughout the warranty period. Further, Prior to the submission of bid, the bidder is advised to inspect and be fully conversant with the existing infrastructure at project site including availability/laying of cables, equipment's, space requirement. All necessary accessories/ items/ tools & tackles etc. required for completion of work shall be incidental to the work and nothing extra other than quoted rates shall be payable. 100% commissioning of Solar Rooftop system is the responsibility of bidder

#### 19. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

**20. Rate Contract**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

**21. Rate Contract**

Tax and Duties Toll Tax/ Entry Tax/ Octroi Duty & Local Taxes. No separate payment would be made by the Buyer for Toll Taxes, Entry Taxes, Octroi duty and local Taxes, if any. The Seller should cater for these Taxes/ duties as part of Basic Rate quoted in the Bid.

**22. Rate Contract**

OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

**23. Rate Contract**

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

**24. Rate Contract**

The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

**25. Rate Contract**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

**26. Rate Contract**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

**27. Rate Contract**

Materials shall be guaranteed for 12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.

**28. Warranty**

Warranty period of the supplied products shall be as given in specifications from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

## 29. Warranty

Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

## 30. Past Project Experience

**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria: a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed. b. Execution certificate by client with contract value. c. Any other document in support of contract execution like Third Party Inspection release note, etc. **Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria: a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed. b. Execution certificate by client with contract value. c. Any other document in support of contract execution like Third Party Inspection release note, etc.

## अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be

determined and redressed by the concerned Buyer Organisation only.

8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and
- All operative provisions of the erstwhile Labour Laws until their complete substitution.

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

**This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.**

**However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.**

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a

land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---धन्यवाद/Thank You---**