

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

TENDER DOCUMENT

NREDCAP on behalf of APDISCOMs

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar Plants for 1,16,663 SC and ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM- Surya Ghar: Muft Bijli Yojana

TENDER NOTICE NO:

RfS No. NREDCAP/PMSG/SC&ST/7A/2025, Dated. 01.12.2025

CLOSING DATE 15.12.2025 at 15.00 hrs

Issued by

New and Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP)
12-464/5/1, River Oaks Apartments,
CSR Kalyana Mandapam Road,
Tadepalli, Andhra Pradesh
Email: pdse@nredcap.in
Contact: 0863-2347650/51/52/53

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DISCLAIMER

1. The Tender document is not transferable.
2. This Tender is issued by New and Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP).
3. The Bid document is not a prospectus or offer on invitation to the public in relation to the sale of shares, debentures or securities, nor shall this Bid document or any part of it form the basis of or be relied upon in any way in connection with, any contract relating to any shares, debentures or securities.
4. In considering a response to this Tender, each recipient should make its own independent assessment and seek its own professional, technical, financial and legal advice.
5. Whilst the information in this Tender document has been prepared in good faith, it is not and does not purport to be comprehensive or to have been independently verified. Neither NREDCAP nor any of their officers or employees, nor any of their advisers nor consultants, accept any liability or responsibility for the accuracy, reasonableness or completeness of, or for any errors, omissions or misstatements, negligent or otherwise, relating to the proposed Project, or makes any representation or warranty, express or implied, with respect to the information contained in this document or on which this document is based or with respect to any written or oral information made or to be made available to any of the recipients or their professional advisers and, so far as permitted by law and except in the case of fraudulent misrepresentation by the party concerned, and liability therefore is hereby expressly disclaimed.
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7. This Tender document, if includes certain statements, estimates, projections, designs, targets and forecasts with respect to the Project, such statements, estimates, projections, targets and forecasts, designs reflect various assumptions made by the management, officers and employees of NREDCAP, which assumptions (and the base information on which they are made) may or may

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not prove to be correct. No representation or warranty is given as to the reasonableness of forecasts or the assumptions on which they may be based and nothing in this document is, or should be relied on as a promise, representation or warranty.

8. NREDCAP reserves the right to modify, amend or supplement or cancel this Tender document, without any prior notice or without assigning any reason.

| | |
|--------------------------|--|
| Authorized Person | Vice Chairman and Managing Director, NREDCAP |
| Address | 12-464/5/1, River Oaks Apartment, CSR Kalyana Mandapam Road, Tadepalli, Guntur District, Andhra Pradesh, Pin : 522 501 |
| E-mail | pdse@nredcap.in, |
| Place | Tadepalli |
| Date | 01.12.2025 |

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Information pertaining to Bid submission via e-Procurement platform

The Bidder shall submit response to the tender on e-Procurement Platform at <https://tender.apecurement.gov.in> by following the procedure given below.

The Bidder would be required to register on the e-Procurement Platform at <https://tender.apecurement.gov.in> and submit their Bids online. Online submission of Bids is mandatory and Offline Bids shall not be entertained by the Tender Inviting Authority.

The Bidders shall submit their eligibility and qualification details, and EMD (Prequalification), Technical Bid, Financial Bid, etc., in the online standard formats displayed in e-Procurement website. The Bidders shall upload the scanned copies of all the relevant certificates, documents, etc., in support of their Eligibility Criteria/Technical Bid/EMD and other certificate/documents in the e-Procurement website. The Bidder shall sign on the statements, documents, certificates, uploaded by him/her, owning responsibility for their correctness/authenticity. The Bidder shall attach all the required documents specific to the RfS after uploading the same during the Bid submission as per the RfS and Bid documents.

i. Registration with e-Procurement Platform:

For registration and online Bid submission, Bidders may contact the HELP DESK of the e-Procurement Platform of the Government of Andhra Pradesh.

<https://tender.apecurement.gov.in>

ii. Digital Certificate Authentication:

The Bidder shall authenticate the Bid with Digital Certificate for submitting the Bid electronically on e-Procurement Platform. The Bids not authenticated by Digital Certificate of the Bidder will not be accepted.

For obtaining Digital Signature Certificate, you may please Contact: Andhra Pradesh Technology Services Limited (APTSL), Plot No. 302, 3rd Floor, Banukrishna Nilayam, Ashoka Nagar, Velanki Rammohan Rao Street, Vijayawada, Mob: 9963029443/410

iii. Hard Copies:

- i) Bidders shall submit hard copies of the Bid as specified in Clause 3.4 of this RfS.

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- ii) All the Bidders shall invariably upload the scanned copies of Insurance Surety Bond/BG particulars in e-Procurement Platform and this will be one of the key requirements to consider the Bid responsive. **Bid proposals received without the prescribed EMD shall automatically be rejected.**

iv. Payment Of Transaction Fee:

It is mandatory for all the participant Bidders to electronically pay a Non-refundable Transaction fee to MD, APTS as per the relevant GoAP guidelines in regard to e-procurement fund to be administered by APTS Limited, the service provider through "Payment Gateway Service on E-Procurement Platform". The Electronic Payment Gateway accepts all Master and Visa Credit Cards issued by any bank and Direct Debit facility/Net Banking to facilitate the transaction. GST is applicable for Transaction Fee amount payable to MD, APTS.

v. Nodal Person for enquiries and clarifications:

All correspondence, clarifications in respect of the Bid document and submission of the Bid shall be addressed to:

| | |
|--------------|--|
| Designation: | The Vice Chairman and Managing Director, NREDCAP |
| Address: | 12-464/5/1, River Oaks Apartment, CSR Kalyana Mandapam Road, Tadepalli, Guntur District, Andhra Pradesh, Pin : 522 501 |
| Telephone: | 0863-2347650/51/52/53/54 |
| E-mail ids: | pdsc@nredcap.in |

vi. Tender Particulars:

| Sl. No. | Particular | Description |
|---------|-----------------|---|
| 1 | Department Name | New and Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP) |
| 2 | Office | The Vice Chairman and Managing Director, NREDCAP |
| 3 | Tender Number | RfS No. NREDCAP/PMSG/SC&ST/7A/2025 DATED: 01.12.2025 |
| 4 | Tender Subject | Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST |

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| Sl. No. | Particular | Description |
|---------|------------------|--|
| | | <p>Consumers through Utility Led Aggregation (CAPEX) mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana.</p> <p>Divisions under Local Category: The Divisions with Rooftop Solar capacities up to 10 MWp are classified under the Local Category and are detailed in Annexure C. The divisions under Local Category are further divided into Clusters. Only Eligible Local Vendors can bid for these Clusters.</p> <p>Divisions under General Category: The Divisions with Rooftop Solar capacities exceeding 10 MWp are classified under the General Category and are detailed in Annexure C. All Eligible Bidders are permitted to participate in the bidding for these Divisions.</p> |
| 5 | Tender Type | Open tender |
| 6 | Tender Category | Competitive bidding |
| 7 | Bidding Process | Single Stage, Two Part (Techno-Commercial and Financial Bid) Competitive Bidding Process. |
| 8 | Bidding Portal | AP e-Procurement Platform |
| 9 | Project Duration | <ul style="list-style-type: none"> All Rooftop Solar Plants aggregating to Project capacity to be commissioned by EPC Contractor/ RTS Vendor within 6 months from the day of issuance of LOA. Project tenure is the overall period of EPC and 5 years of operations and maintenance activities from COD. |
| 10 | Bid Size | <ul style="list-style-type: none"> A Bidder can place only one Bid for any / all number of Divisions/ Clusters of their choice. Multiple Bids by the Bidder for the same Project are not allowed. A Bidder, when Bidding for a Division/ Cluster, must Bid for the entire / full proposed capacity of that Division/ Cluster as detailed in Annexure-C. The Bidder shall be treated as disqualified for such division/ Cluster where partial capacity is quoted. |

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| | | <ul style="list-style-type: none"> <u>Minimum Bid Capacity</u>: The Minimum Bid Capacity that a Bidder can Bid for is the lowest proposed rooftop solar capacity for a Division in case of General Category and Cluster in case of Local Category, i.e., Division/ Cluster with the lowest rooftop solar capacity, as mentioned in Annexure C of this RfS. <u>Maximum Awarded Bid Capacity</u>: Bidders are permitted to Bid for the entire 233.33 MWp capacity, i.e., for all divisions/ clusters, provided the eligibility criteria is met. However, the maximum aggregate rooftop solar capacity including the capacity awarded in the Original Tender and any capacity to be awarded under this tender shall be limited to 300 MWp. Bidders must submit Annexure-D, clearly indicating their order of preference for the Divisions/ Clusters they are bidding for. This preference order shall be considered for allocation of divisions/ clusters in cases where a Bidder emerges as the L1 (lowest) bidder for more than the Maximum Awarded Bid Capacity. The Divisions/ Clusters will be allotted in the order of the bidder's stated preferences until the Maximum Awarded Bid Capacity is reached. |
| 11 | Bidding Parameter | <p>Bidders shall quote Division/ Cluster Wise CAPEX rate in Indian Rupees per kWp (INR per kWp) including all Taxes and Duties for the Rooftop Solar Plant to be installed. The Division/ Cluster Wise CAPEX rate shall include the Central Financial Assistance (CFA) from MNRE as per PM-Surya Ghar: Muft Bijli Yojana Guidelines.</p> <p>O&M shall be free of cost for the first 5 years (as per the PM-Surya Ghar Scheme Guidelines) from the date of commissioning of the Rooftop Solar Plant.</p> |
| 12 | Tender Validity Period | 180 Days from the Bid Deadline date. |
| 13 | Bid Security /Earnest Money Deposit (EMD) | <p>As specified in the Bid document as per the prescribed Format, proposals would need to be accompanied by a Bid Security in Indian Rupees for an amount of INR 1,00,000 (Indian Rupees One Lakh only) per MW and valid for 60 days beyond the Tender Validity Period, i.e., 180 days +60 days.</p> <p>Firms claiming Exemptions for EMD shall submit valid Certificate/letter issued by Department of Micro, Small and</p> |

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| | | <p>Medium Enterprises (MSME) (or) are registered with the Central Purchase Organisation (or) the concerned Ministry or Department.</p> <p>The EMD/ Bid Security shall be kept valid for 60 days beyond the Tender Validity Period of 180 days (i.e., 180 days + 60 days) including any extensions in the Proposal Validity Period and would be required to be further extended if so, required by NREDCAP.</p> <p>Any extension of the validity of the Bid Security as requested by NREDCAP shall be provided by the agency in a minimum of seven calendar days prior to the expiry of the validity of the Bid Security, being extended.</p> |
| 14 | Bid Security/EMD Payable to | <p>As specified in Clause 3.2 of the RfS as per the prescribed Format -3. It should be noted that Bid Bond displayed on the NIT screen of the e-Procurement Website is not relevant to this procurement process.</p> <p>The actual EMD/Bid Security to be submitted by the Bidder shall be as per Clause 3.2 of this RfS.</p> |
| 15 | Bid Processing Fee | <p>The bidder shall pay an amount of INR 25,000/- (Indian Rupees Twenty-Five Thousand only) and applicable taxes as levied by the Govt. of India as Bid Processing fee online in AP e-Procurement portal in favor of NREDCAP. The Bid Processing fee is non-refundable.</p> <p>The bidder shall also upload the documentary evidence of reference no. generated after payment on AP eProcurement portal along with Tender Documents.</p> |
| 16 | Performance Security (PS) | <ul style="list-style-type: none"> The value of the Performance Bank Guarantee (PBG)/ Insurance Surety Bond shall be 5% (Five percent) of the Total Awarded Contract Value. This Performance Bank Guarantee/ Insurance Surety Bond will be valid for a total period of 76 Months (06 Months of Project commissioning period + 6 months of acceptable delay in SCOD with penalty + 5 years of O&M + 04 months additional) from the date of signing of Agreement. |

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| | | <ul style="list-style-type: none"> The Successful Bidder needs to furnish Performance Bank Guarantee from any of the Scheduled Banks including Nationalized Banks recognized by the Reserve Bank of India (RBI). The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI) as amended from time to time. |
| 17 | Transaction Fee | All the participating Bidders who submit the bids have to pay an amount of 0.03% of the Quoted Rate and applicable taxes as levied by the Govt. of India on transaction fee through online in favour of MD APTS, Vijayawada. The amount payable to the MD, APTS is non-refundable. |
| 18 | Transaction Fee Payable to | Payable to the MD, APTS, Vijayawada, through online payment only. |
| 19 | Bid Document Download Start Date | 01.12.2025 from 17:00 Hours |
| 20 | Bid Document Download End Date | 14.12.2025 at 17:00 Hours |
| 21 | Bid Submission start date and time | 01.12.2025 at 17:00 Hours |
| 22 | Bid closing date | 15.12.2025 at 17:00 Hours for uploading Technical Bid and Financial Bid. |
| 23 | Technical Bid Opening date | 16.12.2025, 17:00 Hours |
| 24 | Financial Bid Opening date | 05.01.2026, 15:00 Hours |
| 25 | Place of Tender Opening | O/o Vice Chairman and Managing Director, NREDCAP |
| 26 | Contact Officer | The Vice Chairman and Managing Director, NREDCAP |
| 27 | Address/ E-mail id | The Vice Chairman and Managing Director, NREDCAP 12-464/5/1, River Oaks Apartments, CSR Kalyana Mandapam Road, Tadepalli, Andhra Pradesh Email: pdse@nredcap.in; |

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| Sl. No. | Particular | Description |
|----------------|------------------------------|---|
| 28 | Telephone Nos. | 0863-2347650/51/52/53/54 |
| 29 | Procedure for Bid submission | <p>The Bidder shall submit his/her response through Bid submission to the tender on e-Procurement Platform at https://tender.apecprocurement.gov.in by following the procedure given below.</p> <p>The Bidder would be required to register on the e-Procurement Platform https://tender.apecprocurement.gov.in and submit their Bids online. Offline Bids shall not be entertained by the Tender Inviting Authority for the tenders published in e-Procurement Platform.</p> <p>The Bidders shall submit their eligibility and qualification details, and EMD (Prequalification), Technical Bid, Financial Bid, etc., in the online standard formats displayed in e-Procurement website. The Bidders shall upload the scanned copies of all the relevant certificates, documents, etc., in support of their Eligibility Criteria/ Technical Bid/ EMD and other certificate/documents in the e-Procurement website.</p> <p>The Bidder shall sign on the statements, documents, certificates, uploaded by him/her, owning responsibility for their correctness/ authenticity.</p> <p>The Bidder shall attach all the required documents specific to the RfS after uploading the same during Bid submission as per the RfS and Bid documents.</p> <p>EMD/ Bid Security, to be submitted by the Bidder shall be as per Clause 3.2 of this RfS.</p> |
| 30 | Instructions to Bidders | <p>Hard Copies:</p> <p>Bidders shall submit hard copies of EMD (Original BG) to the address mentioned in the respective clause of this Bid document before 16.12.2025, 15:00 Hrs.</p> |

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| | | <p>The Bidder shall upload the entire required documents specific to the Bid document in the e-Procurement Platform duly signing each and every document. The Bidder shall submit the hard copies of the Technical Bid to the Authorized Representative either personally or through courier or post before the timelines as indicated in this Tender document.</p> <p>Bidders shall also upload scanned copies of these documents (BG towards EMD/ Bid Security) as part of the Qualification Criteria of Bid on the e-Procurement Platform.</p> <p>All the Bidders shall invariably upload the scanned copies of DD/BG in e-procurement system, and this will be one of the key requirements to consider the bid responsive.</p> <p>The Authorized Representative will not take any responsibility for any delay in receipt/non-receipt of original Certificates/ Documents from the Successful Bidder before the stipulated time. On receipt of documents, the Authorized Representative shall ensure the authenticity of certificates/documents uploaded by the Bidder in e-Procurement Platform, in support of the Qualification Criteria before concluding the Agreement.</p> |
| 31 | Uploading | <p>Financial Bid shall be uploaded at the commercial stage available on the e-Procurement Platform which has an encryption facility.</p> <p>The Bidder shall AVOID zipping 2 (two) versions of the same Financial Bid into a single folder.</p> <p>In case the Authorized Representative finds multiple versions of the same Financial Bid in a single zip folder, such Bids are liable for rejection by the Authorized Representative.</p> |

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Definitions

“Act or Electricity Act, 2003” shall mean the Electricity Act, 2003 and include any modifications, amendments and substitution from time to time.

“Agreement” or “Contract Agreement” or “EPC Contractor/ RTS Vendor Agreement” shall mean the agreement signed between APDISCOMs and the Successful Bidder to undertake all works as mentioned in this RfS.

“APDISCOMs” or “DISCOMs” shall mean the public sector power distribution utilities namely Eastern Power Distribution Company of Andhra Pradesh Limited (APEPDCL), Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL), and the Andhra Pradesh Central Power Distribution Corporation Limited (APCPDCL)

“APERC” shall mean Andhra Pradesh Electricity Regulatory Commission, a governing body incorporated under the Electricity Regulatory Commission Act, 1998 and existing under the Electricity Act, 2003.

“Authorized Representative” shall mean New and Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP), authorized as Nodal Agency/ Bid Coordinator representing APDISCOMs.

“Bid” shall mean the Technical and Financial Bid submitted by the Bidder along with all documents/ credentials/ attachment/ annexure, etc., in response to this Bid, in accordance with the terms and conditions hereof.

“Bid Capacity” shall mean cumulative Rooftop Solar capacity of Division(s)/ Cluster(s) that a Bidder is bidding for.

“Bid Due Date” shall mean the last date and time for submission of Bid in response to this RfS as specified in Tender Particulars.

“Bidder” shall mean Bidding Company submitting the Bid. Any reference to the Bidder includes Bidding Company, its successors, executors and permitted assigns as the context may require.

“BIS” shall mean specifications of Bureau of Indian Standards (BIS).

“Capacity Utilization Factor (CUF)” means the ratio of the actual output from a solar plant over the year (kWh) to the maximum possible output from it for a year (kWh) under ideal conditions.

“CAPEX” means the model through which the Rooftop Solar Plants shall be installed under EPC mode.

“CEA” shall mean Central Electricity Authority.

“Certificates” or “completion certificates” shall be the certificates pertaining to the completion of works envisaged in the RfS, as per clause 7.16 of the document, and duly certified by the relevant authorities of

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DISCOM.

“Central Financial Assistance” or “CFA” shall be the monetary assistance provided by MNRE towards the installation of Rooftop Solar Plant to the domestic consumer under the PM-Surya Ghar: Muft Bijli Yojana.

“Commercial Bid or Price Bid” shall mean the same as the Financial Bid.

“Commercial Operation Date (COD)” shall mean the date on which the Commissioning Certificate is issued upon the successful commissioning of all the Grid connected rooftop solar systems and after demonstrating Performance Ratio as per this Tender document.

“Company” shall mean a body incorporated in India under the Companies Act, 1956 or Companies Act, 2013 including any amendment thereto.

“Contract Value of Division/ Cluster” shall mean amount determined by multiplying the Rooftop Solar Capacity (kWp) of the Division/ Cluster with the Quoted Capex rate (INR per kWp) for that Division/ Cluster.

“Current FY” shall mean the Financial Year FY 2025-26 whenever the RfS is being floated.

“Eligibility Criteria” shall mean the Eligibility Criteria as set forth in this RfS.

“Earnest Money Deposit (EMD) /Bid Security” shall mean the same as the EMD as per the provisions of this Bid document.

“EPC” shall mean the Engineering, Procurement, and Construction activities pertaining to installation, operation and maintenance of the Rooftop Solar Plants as per the terms and conditions of the RfS Document.

“Financial Year” shall mean a year beginning on 1st April and ending on 31st March in the succeeding year.

“Firm” shall mean a body incorporated as a Proprietorship firm in India as per the prevailing laws or as a Partnership firm in India as per the Indian Partnerships Act, 1932 (including any amendments thereto) or as a Limited Liability Partnership firm in India as per the Limited Liability Partnerships Act, 2008 (including any amendments thereto).

“GoAP” shall mean the Government of Andhra Pradesh.

“GoI” shall mean the Government of India.

“Hindrance Register” shall mean a register/ record maintained by the EPC Contractor/ RTS Vendor where reasons along with documentary evidence for delays/ faults on account of the consumer(s) may be recorded at the time of hindrance and updated from time to time, to be duly certified by the authorized

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representative from APDISCOM.

“IEC” shall mean specifications of International Electro-Technical Commission.

“Insurance Surety Bond” shall mean the irrevocable surety bond from Insurer as per the guidelines issued by the Insurance Regulatory and Development Authority of India (IRDAI).

“Interconnection Point” shall mean the point at which energy generated by the Rooftop Solar PV plant is supplied to respective APDISCOMs grid (at the Gross/Smart metering point).

“Invoice” or “invoice” or “invoices” shall mean the invoice copies raised and submitted by the EPC Contractor/RTS Vendor to DISCOM, as per clause 7.16 of the RfS, towards payments with respect to installation and O&M of the RTS at the respective divisions/ clusters.

“IS” shall mean the Indian Standard Specifications of the Bureau of Indian Standards.

“Joint Venture” or “JV” shall mean the joint arrangement between **not more than three** Firms/Companies, as per the Companies Act 2013, whereby **all the** parties have rights to net assets of the arrangement and share the risks associated with the development of those assets.

“JV Partners” shall mean parties in the Joint Venture.

“kWh” shall mean Kilo Watt Hour.

“kWp” shall mean Kilo Watt Peak.

“Letter of Award” or “LOA” shall mean the letter of formal acceptance signed and issued by the NREDCAP intimating the award of work.

“Local Vendors” or “Local Bidder” shall mean those EPC Contractors/RTS vendors who have executed Solar PV power projects/ Solar Pump Projects and have their registered office and GST registration in Andhra Pradesh. Local Vendors are eligible to bid for the Clusters under Local Category.

“Mandatory O&M period” or “Warranty” or “O&M period” or “O&M” shall mean the activities carried out in operating and maintaining the Rooftop Solar Plants from the Commercial Operation Date (COD) with the activities carried out but not limited to supply and storage of all spare parts, consumables, repairs/ replacement of any defective equipment, etc., that have to be performed by the EPC Contractor/ RTS Vendor at free of cost for the first 5 years from the Commercial Operation Date (COD) as per PM-Surya Ghar Scheme guidelines.

“Maximum Awarded Bid Capacity” shall mean the maximum aggregate Rooftop Solar capacity that can be awarded to a single Bidder, inclusive of the capacity awarded under the Original Tender and to be awarded under this tender, which is capped at 300 MWp.

“Minimum Bid Capacity” shall mean the Bid Capacity corresponding to the Division/ Cluster with the

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lowest proposed rooftop solar capacity as mentioned in Annexure C.

“Minimum Guaranteed Generation” or **“Annual Generation Required”** shall mean the annual generation required from the Rooftop Solar Plant by the EPC Contractor/ RTS vendor for that particular Division/ Cluster as defined in Annexure-C.

“MNRE” shall mean the Ministry of New and Renewable Energy, Government of India.

“Net Worth” shall mean as per Company Act 2013 and its amendment, if any.

“NREDCAP” shall mean New and Renewable Energy Development Corporation of Andhra Pradesh Limited.

“Original Tender” shall mean tender with RfS No. NREDCAP/PMSG/SC&ST/07/2025, Dated. 07.07.2025 floated for selection of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 1,198.21 MWp Grid Connected Rooftop Solar Plants for 5,99,105 SC and ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM- Surya Ghar: Muft Bijli Yojana.

“Performance Ratio (PR)” means the ratio of plant output versus installed plant capacity at any instance with respect to the radiation measured.

“Performance Security” or **“PS”** shall mean the performance security amount to be remitted as Bank Guarantee/ Insurance Surety Bond by the Successful Bidder and it shall be an amount equal to 5% of the Total Awarded Contract Value as per clause 3.2 of this RfS.

“Plant Capacity” shall mean the rated generation capacity of Rooftop Solar Plant in kWp at Plant Location.

“Plant Location” shall mean the rooftops of residential buildings of identified SC and ST consumers.

“Price Bid” shall mean Financial Bid attached to this RfS.

“Project” shall mean and include all Rooftop Solar systems to be installed by EPC Contractor /RTS Vendor on terrace/rooftops of identified SC-ST residential households within Division Office / Cluster in APDISCOM.

“Project Period” or **“Project Tenure”** shall mean the overall period of EPC and maintenance activities which is 5 years from COD.

“Qualified Bidder” shall mean Bidder meeting Technical Eligibility Criteria as per this RfS and is qualified for Financial Bid Opening.

“Renewable Purchase Obligation” shall mean the mandatory Renewable Purchase Obligation requirement to be met by APDISCOMs as per APERC Regulations.

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“RfS/ RFS” shall mean Request for Selection (RfS)/ Bid document/ Tender document.

“Rooftop Solar Plant” or **“RTS”** shall mean the Rooftop Solar Photovoltaic (PV) power plant or system along with all its key components installed on the terraces of the individual shortlisted residential households that utilize sunlight for direct conversion of solar energy into electricity (to be consumed by the household or injected into the grid) through Photovoltaic technology.

“SCOD or Scheduled Commercial Operation Date” shall mean the date that falls upon the expiry of a period of 6 (six) months from the date of Issuance of LOA or a date as extended in accordance with the common agreed terms. SCOD can be COD.

“SC and ST Consumer” shall mean the Scheduled Caste (SC) and Scheduled Tribe (ST) domestic consumer under the Free Power Subsidy Scheme of GoAP, as identified by DISCOM, who has proper roof space and has provided consent towards installation of RTS plant.

“Successful Bidder(s)/ EPC Contractor/RTS Vendor” shall mean the Bidder(s), including individual bidders or JV, selected by NREDCAP pursuant to this RfS for Setting up of Grid Connected Rooftop Solar systems on terrace/rooftops of identified residential consumer houses within the particular Division/ Cluster of the respective APDISCOMs as per the terms of the RfS Documents, and to whom Letter of Award has been issued.

“Tender” or **“tender”** or **“Tender documents”** or **“Bid document”** shall mean the same as RfS.

“Tender Inviting Authority” shall mean the same as Authorized Representative, i.e., **NREDCAP**.

“Test Certificates” shall mean valid test certificates issued by respective Distribution Utilities/State Nodal Agencies of Rooftop Solar and consumers that indicate successful operation of Rooftop Solar Plant installed by the Bidder.

“Technical specifications” shall mean the technical specifications and standards mentioned by MNRE/ CEA/ CERC/ APERC/ NREDCAP towards installation and operations of Rooftop Solar Plant.

“Total Awarded Contract Value” shall mean the sum of Contract Value of Division/ Cluster of all the Divisions/ Clusters awarded to a particular Bidder.

CHAPTER-1

INTRODUCTION AND BACKGROUND

1.1. Introduction

The Hon'ble Prime Minister has launched the "PM Surya Ghar: Muft Bijli Yojana" on 13.02.2024 with a financial outlay of over INR 75,000 Crore, aimed at solarizing 1 Crore households by providing free electricity up to 300 units every month. The scheme promotes the Grid Connected Rooftop Solar PV projects. The generated solar power may be utilized for captive application and the surplus power, if any, may be fed to the grid on Net Metering/Gross metering/Net Billing basis, as approved by the respective Electricity Regulatory Commission. The scheme aims to reduce the consumption of fossil fuel-based electricity and make residential consumers self-sustainable from the point of energy consumption to the extent possible.

Vide Office Memorandum dated 28.12.2024, MNRE has issued Operational Guidelines for implementation of "Payment Security Mechanism" Component and "Central Finance Assistance" Component for RESCO Models/ Utility Led Aggregation Models under PM Surya Ghar: Muft Bijli Yojana. In line with the guidelines issued by MNRE, NREDCAP intends to select EPC Contractor/ RTS Vendor for setting up of Grid Connected Rooftop Solar systems in CAPEX mode on the roof top of the identified residential consumers (with mandatory O&M of 5 years) in Division / Cluster of respective APDISCOMs.

1.2. Eligible Bidders

1.2.1 General Eligibility Criteria

The Bidder shall be a Company/Limited Liability Partnership (LLP) Firm/Partnership Firm/Proprietorship Firm in any form submitting the Bid. Any reference to the Bidder includes its successors, executors and permitted assigns. Bids from joint ventures are acceptable.

The Bidder should be a body corporate incorporated in India under the Companies Act, 1956 or 2013 including any amendment thereto or a Partnership Firm having executed Partnership Deed and registered as per sections 58 & 59 of the Partnership Act, 1932, as amended or a Limited Liability Partnership Firm (LLP) registered under section 12 of Limited Liability Partnership Act, 2008, as amended or Proprietorship Firm. **A copy of certificate of incorporation, Partnership Deed or LLP/ Sole Proprietor registration, as applicable and relevant, shall be enclosed.**

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1.2.2 Financial and Technical Eligibility Criteria

a. Financial Eligibility Criteria

The Bidder must demonstrate sufficient financial stability and capability to fulfill the Financial Eligibility Criteria outlined in this tender. To qualify, the Bidder shall meet the minimum requirements for Annual Turnover and Net Worth as specified below:

i. Annual Turnover:

- Minimum Average Annual Turnover of **INR 1 Crore per MW for Divisions under General Category, and INR 50 Lakhs per MW for Clusters under Local Category** based on the total quoted capacity/total capacity Bid for by the Bidder for at least 3 of the last 5 Financial Years, i.e., satisfying the criterion in at least 3 Financial Years from FY 2019-20 to FY 2023-24.
- In case the audited financial statements for FY 2024-25 are available, then the Minimum Average Annual Turnover shall be **INR 1 Crore per MW for Divisions under General Category, and INR 50 Lakhs per MW for Clusters under Local Category** based on the total quoted capacity/total capacity bid for by the Bidder for at least 3 of the last 5 Financial Years, i.e., satisfying the criterion in at least 3 Financial Years from FY 2020-21 to FY 2024-25.

ii. Net Worth:

- The Net Worth of the Bidder for the Financial Year that ended on 31.03.2024, shall not be less than **INR 1 Crore per MW for Divisions under General Category, and INR 50 Lakhs per MW for Clusters under Local Category** based on the total quoted capacity / total capacity Bid for by the Bidder. **Further, the Net Worth of the Bidder for any of the last 3 Financial Years, i.e., FY 2021-22, FY 2022-23 and FY 2023-24 should not be negative.**
- In case the audited financial statements for FY 2024-25 are available, then the Net Worth of the Bidder for the Financial Year that ended on 31.03.2025, shall not be less than **INR 1 Crore per MW for Divisions under General Category, and INR 50 Lakhs per MW for Clusters under Local Category** based on the total quoted capacity / total capacity Bid for by the Bidder. **Further, the Net Worth of the Bidder for any of the last 3 Financial Years, i.e., FY 2022-23, FY 2023-24 and FY 2024-25 should not be negative.**

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b. Technical Eligibility Criteria

- i. The Bidder/ EPC Contractor/ RTS vendor must be registered /empaneled vendors with any Electricity Distribution Companies (DISCOMs) in India/ NREDCAP/ MNRE under PM-Surya Ghar: Muft Bijli Yojana portal. Documentary evidence such as confirmation letter of registration/ empanelment shall be submitted in this regard.
- ii. The Bidder must possess relevant experience in Design, Engineering, Supply, Installation, Testing, Commissioning, Operation and Maintenance within the last five (5) years in one or more of the following areas: Grid-Connected Solar PV Power Projects, Off-Grid Solar PV Power Projects, Grid-Connected Solar Pumps, or Off-Grid Solar Pumps. This experience must align with the capacity ranges specified below for eligibility.

| Bidder Total Quoted Capacity | Divisions under General Category | Clusters under Local Category |
|-------------------------------------|---|--------------------------------------|
| < 10MW | Not Applicable | 0.5 MW |
| 10 to 20 MW | 2 MW | 1 MW |
| 20 to 50 MW | 5 MW | 2.5 MW |
| 50 to 100 MW | 10 MW | Not Applicable |
| 100 to 200 MW | 20 MW | Not Applicable |

- c. Supporting Documents (Documentary evidence) against Financial Eligibility Criteria mentioned above shall be submitted including certificates from **Chartered Accountant for the Average Annual Turnover and Net Worth**.
- d. Supporting Documents (Documentary evidence) against Technical Eligibility Criteria mentioned above such as Letter of Award/ Purchase Order/ Work Orders, Commissioning Certificates, Performance certificates shall be submitted to the extent of works done.
- e. Has Valid Test Certificates of the Rooftop Solar Plant as specified and required in the Technical Bid of this Tender document.
- f. Only indigenously manufactured PV cells and modules will be used as per the Operational Guidelines of PM-Surya Ghar scheme.
- g. Bidder shall meet all the criteria mentioned in the Operational Guidelines of PM-Surya Ghar scheme.
- h. All the material used in Grid connected Rooftop Solar systems and allied equipment shall comply with the technical specifications and standards of MNRE, NREDCAP, and APDISCOMs being

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notified from time to time.

- i. Bidder should have a valid PAN & GST registration certificate.
- j. The above stated requirements are compulsory to be fulfilled by the Bidder and NREDCAP may also ask for any additional information as may be deemed necessary in public interest.
- k. For Bidders who have been issued LOAs in the Original Tender, the aggregate capacity comprising the capacity awarded in the Original Tender and any capacity to be awarded under this tender shall not exceed the Financial and Technical Eligibility of the Bidder. In the event of the aggregate capacity exceeding the Financial and Technical Eligibility of the Bidder, the Divisions/ Clusters will be allotted in the order of the bidder's stated preferences in **Annexure-D**.

1.3. Joint Ventures (JV)

The bidders can also participate as a Joint Venture containing not more than three firms/companies. Joint Venture shall meet the Financial Eligibility Criteria and Technical Eligibility Criteria collectively. **However, in order for a Joint Venture to qualify, the partners of Joint Venture must meet the following minimum criteria.**

- a) The joint venture here in mean, Firms/companies not more than **three**, which are having Joint Venture agreement between them to participate and to execute the notified project of NREDCAP and shall clearly mention in the JV agreement, that all the firms jointly and severally shall have responsibility in performing the project.
- b) One of the partners in the Joint Venture shall be designated as Lead Partner for the purpose of communication and coordination with NREDCAP and APDISCOMs. The equity ownership of the Lead Partner shall not be below 50% and the equity ownership of the Other Partner shall not be below 10% in the Joint Venture.
- c) The JV Partners shall meet the required Financial Eligibility Criteria for Turnover & Net worth as per clause 1.2.2 collectively. Additionally, the Net worth of each partner should not be negative in the last three financial years.

Illustration: A Joint Venture comprises three partners, with Lead Partner: 70% equity share, Other Partner 1: 20% equity share, and Other Partner 2: 10% equity share. The Net worth of the Lead Partner is INR 5 crore, the Net Worth of Other Partner 1 is INR 1.5 crore and the Net Worth of Other Partner 2 is INR 0.5 crore. The Net Worth of JV to be considered to meet Financial Eligibility Criteria is INR 7 crore {Lead Partner (INR 5 Crore) + Other Partner 1 (INR 1.5 Crore) + Other Partner 2 (INR 0.5 Crore)}

- d) All the JV Partners shall collectively meet the Technical Eligibility Criteria mentioned as per clause 1.2.2.

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- e) Any of the JV Partners participating in the tender, shall not submit bids either in association with other Bidders as a JV, or in individual capacity. Any such participation shall lead to disqualification of all bids submitted by the respective partner.
- f) In order for the bid submitted by JV to be qualified, the following conditions shall be complied with, failing which shall lead to disqualification:
 - i) Joint venture shall be represented by Lead Partner for the purpose of execution of the Bid. All the Payments shall be made through RTGS to the joint account of the Joint Venture.
 - ii) The uploaded scanned bid shall have authorised signatures of all the partners so as to be legally binding upon all members.
 - iii) The Lead Partner shall be authorized to upload the bid in e-procurement and to incur liabilities and receive instructions for and on behalf of the partners of JV as per the power conferred to him in the Power of Attorney. The authorization shall be evidenced by submitting a Power of Attorney by legally authorized signatory of all partners as per proforma provided in the RFS.
 - iv) The execution of the Contract shall be done by all the partners of the Joint Venture. All the partners shall be responsible for execution of the project.
 - v) **The Performance Bank Guarantee shall be submitted by any of the Joint Venture Partners or collectively by the Joint Venture Partners.**
 - vi) In case of any breach of the contract, all partners will be held fully responsible for the fulfilment of the contract. In case of any default in execution of the contract, it is the sole discretion of DISCOMs/NREDCAP to transfer the order on any one of the partner to complete the work individually in such case the default partner will not be considered for participating in future tenders individually / JV or to terminate the total contract and get the balance works executed through alternate agency at the cost and risk of all the partners of the Joint Venture duly en-cashing the Performance Bank Guarantee and any other securities and withholding pending payments, if any, in the present contract or in the other contracts of the JV partners individually or jointly. In such cases, all the JV partners are liable for blacklisting. It is mandatory for all the partners to attend the review meetings, failure of which will be viewed seriously.
 - vii) **The lead partner of the joint venture shall upload the following documents pertaining to all the JV Partners: (a) Authority of the partner/company to enter into joint venture business in memorandum of association; (b) A certified copy of the board resolution according permission to entering into the joint venture and to take up the notified work; (c) A certified copy of the board resolution, according permission for affixing the company seal on the joint venture deed.**
 - viii) NREDCAP/ DISCOMs shall in no way be responsible for or connected to or liable for or suffer for the disputes that arise between the Joint venture partners.

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- g) A Joint Venture shall be considered to bid for Clusters under Local Category if the Lead Partner satisfies the conditions mentioned in clause 1.4 of this RfS.
- h) A Joint Venture shall be considered for EMD exemption if the Lead Partner satisfies the conditions mentioned in clause 3.2.4 of this RfS.

1.4. Divisions under Local Category

The Divisions with Rooftop Solar capacities not exceeding 10 MWp are classified under the Local Category and are detailed in Annexure C. The divisions under Local Category are further divided into Clusters. Only Local Vendors who meet the eligibility criteria specified in sub-clause 1.2 (b) (ii) can bid for the Clusters under Local Category. Bidders shall be eligible under the local category only if they meet the following conditions:

- i. the Bidder must have registered office located in the state of Andhra Pradesh;
- ii. the Bidder must have GST registration in the state of Andhra Pradesh;
- iii. the Bidder must have executed Solar PV power projects/ Solar Pump Projects within Andhra Pradesh.

1.5. Preference for Bidders having commitment from manufacturers

Bidders having a Joint Venture (JV) arrangement or a Memorandum of Understanding (MoU) with domestic photovoltaic (PV) cell and module manufacturers shall be eligible for preferential consideration for the award of contract, provided their Quoted Capex Rate is the Lowest Rate (L1) discovered during the bidding process. This preferential treatment is to ensure reliable supply of modules for implementation of the Project. The priority order for preferential allotment to Bidders shall be JV followed by MoU.

The bidder must submit valid documentary evidence of the JV arrangement /MoU clearly demonstrating the partnership with the domestic PV cell and module manufacturer. A commitment letter from the PV cell/module manufacturer, as per Format 11, must also be submitted demonstrating the capacity tied up to this tender, in the event the Bidder is awarded the project. The Bidder shall have preferential allotment up to the capacity mentioned in the commitment letter.

The evidence must be submitted along with the bid and shall be subject to verification by the tendering authority.

Order of preference for consideration

The order of preference for consideration among the bidders is as mentioned below (Lower the Order no., Higher the preference):

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| Order no. | Bidder / Vendor Type |
|------------------|---|
| 1 | Bidder having a Joint Venture (JV) arrangement with a domestic photovoltaic (PV) cell and module manufacturer. |
| 2 | Bidder having a Memorandum of Understanding (MoU) with a domestic photovoltaic (PV) cell and module manufacturer. |
| 3 | Other Bidders |

1.6. Utility Led Aggregation Model under PM-Surya Ghar: Muft Bijli Yojana Scheme

As mentioned in clause 1.1, MNRE has issued Operational Guidelines for implementation of PM-Surya Ghar: Muft Bijli Yojana scheme under RESCO/Utility Led Aggregation (ULA) Models. Under ULA, Utility Owned Asset Model, the installed Rooftop Solar systems are not owned by the residential household.

APDISCOMs have conducted extensive primary survey to capture the details of the subsidized residential consumers across 27 Circles in the state. The survey is focused on marginalized SC and ST residential consumers who are consuming less than 200 units of electricity per month and are being provided free power by Government of Andhra Pradesh. The survey is intended to capture various details of the consumers including their demographics, ownership of residential property, free space available on roof top, feasibility of setting up rooftop solar system on their premises, potential RTS capacity to be installed, etc.

NREDCAP and APDISCOMs intend to aggregate demands of interested SC and ST residential consumers and implement the installation of the RTS system on behalf of individual residential households. For this, NREDCAP intends to select EPC contractors/ RTS Vendors for implementation of the Project. The EPC contractors/ RTS Vendors shall do the design, engineering, supply, installation, testing & commissioning of 1,198.21 MWp grid connected Rooftop Solar Plants with warranty and mandatory O&M of 5 years for SC & ST consumers at APDISCOMs on virtual net metering mode. The EPC Contractors/ RTS Vendors shall install up to 2 kWp Rooftop Solar Plant on the roof of each consumer as per this RfS (details of which have been provided in Annexure – C).

NREDCAP and APDISCOMs shall undertake all activities related to submission of proposal to the Technical Committee of MNRE, registering the Project on National Portal, taking consumer consent for the project and leasing of roof space. APDISCOMs shall enter into an Agreement with the EPC Contractor/ RTS Vendor for implementation of the Project.

NREDCAP has floated Original Tender for 1,198.21 MWp and L1 bidders have been identified for 67 divisions with an aggregate capacity of 964.88 MWp. NREDCAP intends to float this tender to select EPC contractors/ RTS Vendors for the remaining 17 divisions with an aggregate capacity of 233.33 MWp.

CHAPTER-2

TENDER DOCUMENT

2.1 Content of Tender Document

- 2.1.1 The tender procedure and contract terms are prescribed in the Tender document. In addition to the invitation of tender, the Tender document includes the various other documents as given in the table of particulars of tender.
- 2.1.2 The Bidder is expected to examine all instructions, terms and conditions, specifications, forms and formats, etc., as mentioned/ enclosed in the Tender document. Failure to furnish all information required in the Tender document or submission of a tender not substantially responsive to the Tender document in every respect will be at the Bidder's risk and is likely to result in out-right rejection of the tender.

2.2 Information required with the proposal

- 2.2.1 The Bidder must clearly indicate the names of up to 5 OEM manufacturers, the types and model & make of each principal item of equipment proposed to be supplied and installed at consumer premises. The proposal may also contain details of specifications and other comprehensive descriptive materials in support of technical specifications.
- 2.2.2 The above information may be provided by the Bidder in the form of separate sheets, specifications, catalogues, etc.
- 2.2.3 Any tender not containing sufficient descriptive material to describe the proposed equipment may be treated as incomplete and hence may be rejected. Such descriptive materials and specifications submitted by the Bidder will be retained by NREDCAP. Any deviations from these will not be permitted during the execution of Agreement, without specific written permission of NREDCAP.

2.3 Clarification of tender document

- 2.3.1 Any prospective Bidder requiring any clarification on the Tender document regarding various provisions/ requirements/ preparation/ submission of the tender, may contact NREDCAP in writing by letter/ email before 72 hours of closing time of the tender. Queries received later shall not be entertained.
- 2.3.2 Verbal clarifications and information shall not be entertained in any way.
- 2.3.3 Deleted.
- 2.3.4 Deleted.

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2.4 Amendments in tender document

- 2.4.1 At any time prior to the due date for submission of the tender or even prior to the opening of the Financial Bid, NREDCAP may for any reason, whether at its own initiative or as a result of a request for clarification/ suggestion by a prospective Bidder, amend the Tender document by issuing a notice.
- 2.4.2 The amendments will be notified as corrigendum on the e-Procurement website at least 3 days before the proposed date of submission of the tender. NREDCAP will bear no responsibility or liability arising out of non-receipt of the information in time or otherwise. If any amendment is required to be notified within 3 days of the proposed date of submission of the tender, the last date of submission shall be extended for a suitable period of time.
- 2.4.3 In case any amendment is notified after submission of the Bid prior to the opening of Techno-Commercial Bid, due date/ time shall be extended, and it will be for the Bidders to submit fresh Bids/supplementary Bids on date notified by the NREDCAP for the purpose.

CHAPTER-3

PREPARATION OF TENDER

3.1 Language of tender and measure

The Bid prepared by the Bidder along with all the related documents shall be in English. Unit measurements shall be metric in accordance with International System. All correspondence between the Bidder and NREDCAP shall also be in English.

3.2 Earnest Money Deposit (EMD)

3.2.1 The Bidder shall furnish Earnest Money Deposit (EMD) of INR 1,00,000 (Indian Rupees One Lakh only) per MW as mentioned in the “Tender Particulars” in the shape of Bank Guarantee from any Scheduled Bank / Nationalized Bank in favour of “The Vice Chairman and Managing Director, NREDCAP, Tadepalli”, as a part of the tender. The bank guarantee should be valid for a period of 60 days beyond the Tender Validity Period (i.e., 180 days + 60 days).

3.2.2 Alternatively, the Bidder may also furnish Earnest Money Deposit (EMD) of INR 1,00,000 (Indian Rupees One Lakh only) per MW as mentioned in the “Tender Particulars” in the form of an irrevocable Insurance Surety Bond from Nationalized insurance companies in favor of “The Vice Chairman and Managing Director, NREDCAP, Tadepalli”, as a part of the tender. The Insurance Surety Bond should be valid for a period of 60 days beyond the Tender Validity Period (i.e., 180 days + 60 days).”

3.2.3 Bid Processing Fee

The bidder shall pay an amount of INR 25,000/- (Indian Rupees Twenty-Five Thousand only) and applicable taxes as levied by the Govt. of India as Bid Processing fee online in AP e-Procurement portal in favour of NREDCAP. The Bid Processing fee is non-refundable.

The bidder shall also upload documentary evidence of reference generated during payment on AP e-Procurement portal along with Tender Documents.

3.2.4 Tenders without EMD shall be rejected by NREDCAP as being non-responsive. No interest shall be paid by NREDCAP on the Earnest Money Deposit. Firms claiming Exemptions for EMD shall submit valid Certificate/letter issued by Department of Micro, Small and Medium Enterprises (MSME) (or) are registered with the Central Purchase Organization (or) the concerned Ministry or Department.

3.2.5 The EMD may be forfeited: -

- a) If a Bidder withdraws his tender during the specified period of validity of offer.
- b) If the Successful Bidder fails to sign the Contract Agreement within stipulated period.

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- c) If after issuance of LOA, it is found that the documents furnished by the Bidder as part of response to RfS are misleading or misrepresented in any way.
 - d) If the Successful bidder fails to furnish required PS.
- 3.2.6 The EMD of the Successful Bidder shall be released after submission of Performance Bank Guarantee (PBG) and after signing the Agreement with NREDCAP.
- 3.2.7 The EMD of all Unsuccessful Bidders shall be released soon after signing of the Agreement with the Successful Bidder. The EMD of the Bidders who are not qualified shall be released within 15 days after the opening of financial bid.
- 3.2.8 Performance Security**
- The Successful/selected Bidder shall have to deposit the Performance Security of **5% (Five percent) of the Total Awarded Contract Value**.
- 3.2.9 The Performance Security shall be in the form of Performance Bank Guarantee issued by any Scheduled Bank/ Nationalized Bank in favour of “The Chief General Manager (EC & Solar), APEPDCL/ The Chief General Manager (Projects), APCPDCL/ The Chief General Manager (Projects), APSPDCL” valid for a total period of 76 Months (06 Months Project commissioning period + 6 months of acceptable delay with penalty in SCOD + 5 years of O&M + 04 months additional) from the date of signing of Agreement. No interest shall be paid by DISCOM on the amount of the Performance Security.
- 3.2.10 The Successful/selected Bidder can also submit Performance Security in the form of an irrevocable Insurance Surety Bond from Nationalized insurance companies in favour of “The Chief General Manager (EC & Solar), APEPDCL/ The Chief General Manager (Projects), APCPDCL/ The Chief General Manager (Projects), APSPDCL” valid for a total period of 76 Months (06 Months Project commissioning period + 6 months of acceptable delay with penalty in SCOD + 5 years of O&M + 04 months additional) from the date of signing of Agreement. No interest shall be paid by DISCOM on the amount of the performance security.
- 3.2.11 The performance security shall be returned to the EPC Contractor/ RTS Vendor 15 days after completion of 5 years of O&M after taking into account the liquidated damages incurred during this tenure.
- 3.3 Period of validity of tender**
- 3.3.1 Validity of the offer should be 6 months from the proposed date of opening of the Technical Bid. Tenders without this validity will be rejected.
- 3.3.2 In exceptional circumstances, NREDCAP may solicit the consent of the Bidder to an extension of the period of validity of offer. The request and the response there of shall be made in writing.

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3.4 Formats and signing of tender

- 3.4.1 The Bid must contain the name and places of business of the firm/person/persons participating in the tender and must be signed and sealed by the Bidder with his/her usual signature. The name and designation of all persons signing the Tender document should be written below every signature. Tender by a Partnership Firm must be furnished with full name of all partners with a copy of Partnership Deed.
- 3.4.2 The original copy of the tender should be typed or written in indelible ink and must be signed with the legal name of the corporation/ company by the President/ Managing Director/ Secretary of the firm or a person duly authorized to Bid. In case of authorized person, the letter of authorization by written power of attorney should be enclosed with the Technical Bid of the tender. The person or persons signing the tender shall initial all pages of the Tender document.
- 3.4.3 The tender shall contain no interlink actions, erasers or overwriting except as necessary to correct the errors made by the Bidder in the preparation of tender. The person or persons signing the tender shall also sign at all such corrections.

3.5 Price and Currencies

The Bidder shall have to submit their Division/ Cluster Wise CAPEX rate (in INR per kWp). These rates shall include all latest applicable taxes & duties of Government of Andhra Pradesh as well as Government of India. Moreover, NREDCAP will not be responsible for providing road permits or any other permits/permissions/approvals required by the Bidder. These are to be obtained by the selected bidder only and necessary Entry Tax (as admissible) will have to be borne by the selected bidder, if any. The rates shall be quoted as per the prescribed format for Financial Bid attached to this Tender document. Further, an illustration has been provided in the Financial Bid section.

3.6 Liquidated Damages

- 3.6.1 The maximum time period allowed for commissioning of the full Project Capacity with applicable liquidated damages, shall be limited to 6 months from the SCOD or the extended SCOD (if applicable) (for e.g., if SCOD of the Project is 07.09.2025, then the above deadline for Project commissioning shall be 07.03.2026).
- 3.6.2 In case of delay in commissioning of the Project beyond the SCOD until the date as per Clause 3.6.1 above, as part of the liquidated damages, the total PS amount for the Project shall be encashed on per-day-basis and proportionate to the balance capacity not commissioned. For example, in case of a Project of 1000 kWp capacity, if commissioning of 100 kWp capacity is delayed by 18 days beyond the SCOD, then the liquidated damages shall be: PS amount * (100/1000) * (18/180). For the purpose of calculations of the liquidated damages, 'month' shall be considered as consisting of 30 days.

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- 3.6.3 In case the Project of full capacity is not commissioned beyond the maximum timeline of 6 months allowed beyond SCOD, then the entire PS value shall be encashed and the Agreement shall be terminated.
- 3.6.4 In case of malfunctioning of the system, during O&M period of 5 years, if the EPC Contractor/ RTS Vendor has failed to attend for rectification of defects within 48 hours from the time of defect and fails to replace the defective/ failed equipment at free of cost (including transportation and insurance expenses) within 5 days from the time of defect in whole or any part of the Rooftop Solar Plant, then EPC Contractor/ RTS Vendor shall be liable to pay penalties calculated at INR 500 (Indian Rupees Five Hundred only) per kW per day until such malfunctioning persists beyond the permitted time limit which will be recovered from the PS and/or payments pertaining to O&M period. The EPC Contractor/RTS Vendor shall replenish the PS with the amount deducted so as to maintain the PS value.
- 3.6.5 **The Capacity Utilization Factor (CUF) of the Rooftop Solar Plants will be calculated division/ cluster wise annually during the Mandatory O&M period.** The EPC Contractor / RTS Vendor must ensure to maintain the CUF annually, as specified for each division/ cluster (details in Annexure C). Failure to maintain such CUF (defined in Annexure C) of the corresponding division/ cluster during the Warranty/Mandatory O&M period, apart from the force majeure and grid outages that may impact plant operations as certified by competent authority from **STU/APDISCOMs**, will result in liquidated damages to an amount equivalent to the percentage decrease in CUF, multiplied by the CAPEX rate and Division/ Cluster Capacity in kWp, which will be deducted from the PS and/or payments pertaining to O&M period as liquidated damages. The EPC Contractor/RTS Vendor shall replenish the PS with the amount deducted so as to maintain the PS value. In case the liquidated damages are more than the value of PS, the excess amount shall be deducted from the payments due during the O&M period as per clause 7.16 of this RfS.
- Illustration:** The EPC Contractor/RTS Vendor guaranteed an annual CUF of 17% in a division/ cluster, but only achieved 15%. As a result, EPC Contractor/ RTS Vendor incurred **an 11.76% decrease in CUF, the liquidated damages will be calculated as:***
- $(17-15)/17 * 100 = 11.76\% * \text{CAPEX rate in INR per kWp} * \text{Division/ Cluster Capacity in kWp.}$***
- 3.6.6 In case any of the RTS plants within the Project fail to generate any power continuously for 1 month any time during the Mandatory O&M period, apart from the force majeure and grid outages as certified by competent authority from **STU/APDISCOMs**, it shall be considered as “an Event of Default”. In the case of default, the PS amount and/or payments pertaining to O&M period, as per clause 7.16 of this RfS, equivalent to CAPEX of those RTS plants which is/are not functioning will be forfeited.

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CHAPTER-4

SUBMISSION OF TENDER

- 4.1. The Bidder shall submit EMD in the form of DD/ Bank Guarantee, in original, on or before the Bid Deadline, to the address mentioned below:

The Vice Chairman and Managing Director,

**New and Renewable Energy Development Corporation of Andhra Pradesh Limited
(NREDCAP)**

12-464/5/1, River Oaks Apartments,

CSR Kalyana mandapam road,

Tadepalli, Andhra Pradesh

- 4.2. The Bidder shall submit his response through Bid submission to the Bid document on e-Procurement Platform at <https://tender.apecurement.gov.in> by following the procedure given below.
- 4.3. The Bidder would be required to register on the e-procurement Platform on <https://tender.apecurement.gov.in> and submit their Bids online. Offline bids shall not be entertained by the Authorized Representative for this Bid document.
- 4.4. The Bidder shall upload Prequalification Bid, Technical Bid and the Financial Bid on the website. The information pertaining to Technical Bid and the Financial Bid shall be scanned and uploaded by the Bidder as per the formats specified.
- 4.5. The Bidders shall upload the scanned copies of all the relevant certificates, documents, etc., in support of their qualification requirement and other certificate/documents in the <https://tender.apecurement.gov.in> website. Each format has to be duly signed and stamped by the authorized signatory of the Bidder. The scanned copy of such signed and stamped format shall be uploaded by the Bidder on the website specified.
- 4.6. Strict adherence to the formats, wherever specified, is required. Wherever, information has been sought in specified formats, the Bidder shall refrain from referring to brochures/pamphlets. Non-adherence to formats and/or submission of incomplete information may be a ground for declaring the Bid as non-responsive. Each format has to be duly signed and stamped by the authorized signatory of the Bidder. The scanned copy of such signed and stamped format shall be uploaded by the Bidder on the website specified.

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- 4.7. The Bidder shall furnish documentary evidence in support of meeting qualification requirements set forth in the Bid document to the satisfaction of the Authorized Representative.

4.8. Important notes and instructions to Bidders

Wherever information has been sought in specified formats, the Bidders shall fill in the details as per the prescribed formats and shall refrain from any deviations and referring to any other document for providing any information required in the prescribed format.

The Bidders shall be evaluated based on the declarations and/or information and/or documents provided by them in relevant schedules of Bid document. The information and/or documents submitted along with the Bid may be verified before signing of Agreement.

- 4.9. If the Bidder conceals any material information or makes a wrong statement or misrepresents facts or makes a misleading statement in its Bid, in any manner whatsoever, Authorized Representative reserves the right to reject such Bid and/or cancel the Letter of Award or Contract Agreement, if issued and the EMD provided up to that stage shall be encashed. Bidder shall be solely responsible for disqualification based on their declaration in Bid.
- 4.10. Bids submitted by the Bidder shall become the property of the Authorized Representative (NREDCAP) and the Authorized Representative shall have no obligation to return the same to the Bidder. However, the EMDs submitted by unsuccessful Bidders shall be returned as specified.
- 4.11. All pages of the Bid submitted must be initialed by the person authorized by the board, on behalf of the Bidder.
- 4.12. No change or supplemental information to the Bid will be accepted after the Bid Deadline. The Authorized Representative may, at its sole discretion, ask for additional information/document and/or seek clarifications from a Bidder after the Bid Deadline, inter alia, for the purposes of removal of inconsistencies or infirmities in its Bid. However, no change in the substance of the Quoted rates shall be sought or permitted by the Authorized Representative. Delay in submission of additional information and/or documents sought by the Authorized Representative shall make the Bid liable for rejection.
- 4.13. All the information should be submitted in English language only.
- 4.14. Bidders shall mention the name of the contact person and complete address of the Bidder in the covering letter.
- 4.15. Bids that are incomplete, which do not substantially meet the requirements prescribed in this Bid document, will be liable for rejection by Authorized Representative. Bids not submitted in the specified formats will be liable for rejection by Authorized Representative. Non submission and/or submission of incomplete data/ information required under the provisions of Bid document shall not be construed as waiver on the part of Authorized Representative of the obligation of the Bidder

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to furnish the said data/information unless the waiver is in writing.

- 4.16. The Qualified Bidder will be required to continue to maintain compliance with the qualification requirements specified in this Bid document throughout the Bidding Process and till the execution of the Agreement. Where the Bidder is relying on affiliate/parent/ultimate parent for qualification, the bidder should provide documentary evidence to establish the relationship, duly certified by a practicing Company Secretary / Chartered Accountant. Further, the Bidder shall continue to maintain this financial relationship till the execution of the Agreement. Failure to comply with the aforesaid provisions shall make the Bid liable for rejection at any stage.
- 4.17. This Bid document includes statements, which reflect the various assumptions arrived at by the Authorized Representative in order to give a reflection of the current status in the Bid document. These assumptions may not be entirely relied upon by the Bidders in making their own assessments. This Bid document does not purport to contain all the information each Bidder may require and may not be appropriate for all persons. Each Bidder should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this Bid document and obtain independent advice from appropriate sources.
- 4.18. Bidders shall quote Division/ Cluster wise CAPEX rate in Indian Rupees per kWp (INR per kWp). This shall include mandatory O&M activities as per PM-Surya Ghar Scheme guidelines for 5 years, and relevant warranty for the equipment.**
- 4.19. Only Vijayawada/ Visakhapatnam/ Tirupati Courts shall have exclusive jurisdiction in all matters pertaining to this Bid document and decision of NREDCAP is final and binding in case of disputes if any.
- 4.20. NREDCAP may accept or reject any or all Bids without assigning any reason.

CHAPTER-5

TENDER OPENING AND EVALUATION

5.1 Bid evaluation methodology and selection

Bids submitted by the Bidders shall be evaluated using the methodology given below:

1st Step – Prequalification (PQ)

The Bidder shall submit the scanned copies of EMD in a separate folder in e-Procurement platform. The Original of the same shall be submitted to the Authorized Representative before the Bid Deadline. Firms claiming exemptions for EMD shall submit valid Certificate/letter issued by Department of Micro, Small and Medium Enterprises (MSME) (or) are registered with the Central Purchase Organisation (or) the concerned Ministry or Department.

The Bidder shall submit original documents pertaining to EMD as specified. Bids not accompanied by EMD as per the terms of the Tender document shall be summarily rejected and no further evaluation will be carried out in respect of such Bids/Bidders.

2nd Step- Technical evaluation

Bids received after the Bid Deadline and Bids submitted without the EMD will be summarily rejected. Subject to above, all the formats, documents and/or information submitted by the Bidder as part of the Technical Bid, except Financial Bid will be opened and evaluated at this stage.

The Bid submitted by the Bidder shall be scrutinized to establish technical eligibility as per qualification requirements of the tender.

Any of the following conditions shall cause the Bid to be “Non-responsive”:

- i. Non submission of EMD in acceptable form/amount along with the response to tender.
- ii. Non furnishing of copies of documents as specified in clause No. 1.2 for General eligibility.
- iii. Non furnishing of copies of documents as specified in clause No. 1.2 for Technical eligibility.
- iv. Non furnishing of copies of documents as specified in clause No. 1.2 for Financial eligibility.
- v. Bids that are incomplete, i.e., not accompanied by any of the applicable formats, EMD, etc.
- vi. Bid not signed by authorized signatory and/or stamped in the manner indicated in this RfS.
- vii. Material inconsistencies in the information/ documents submitted by the Bidder, affecting the Eligibility Criteria.

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- viii. Information not submitted in the formats specified in this RfS.
- ix. Bid being conditional in nature.
- x. Bid having Conflict of Interest.
- xi. More than one Member of a Bidding Company using the credentials of the same Parent Company.
- xii. Bidder delaying in submission of additional information or clarifications sought by NREDCAP, as applicable.
- xiii. Bidder makes any misrepresentation.
- xiv. Any indication of the Quoted amounts in any part of Bid, other than in the Financial Bid.

Subject to above, Authorized Representative will examine all the documents submitted by the Bidders and ascertain meeting of eligibility conditions prescribed in the tender. During the examination and evaluation of Bids, Authorized Representative may seek clarifications/ additional documents/ Rectification of errors/ Discrepancies, if any, in the documents submitted, etc., from the Bidders if required to satisfy themselves for meeting the eligibility conditions by the Bidders. Bidders shall be required to respond to any clarifications/additional documents sought by Authorized Representative within the timeline intimated by the Authorized Representative.

It shall be the responsibility of the Bidder to ensure that all the documents have been successfully uploaded on the e-procurement platform. No reminders in this case shall be sent. It will be the sole responsibility of the Bidders to remove all the discrepancies/infirmities and upload/furnish additional documents as requested by Authorized Representative, to the satisfaction of Authorized Representative. Authorized Representative shall not be responsible for rejection of any Bid on account of the above.

Bids meeting the Technical Eligibility Criteria and the qualification requirements specified in this tender shall be technically responsive and the corresponding Bidder shall be the Qualified Bidder.

3rd Step – Financial Bid Opening and Bid evaluation

- (i) Financial Bids of the Qualified Bidders shall be opened on the e-Procurement platform.
- (ii) Financial Bids shall be evaluated on the basis of “**Division/ Cluster Wise CAPEX rate quoted in Indian Rupees per kWp (INR per kWp)**” with GST (both SGST & CGST) and as per clause 1.4 and 1.5 of RfS. This shall include mandatory O&M activities at free of cost as per PM-Surya Ghar Scheme guidelines for 5 years.
- (iii) Ranking of Financial Bids shall be carried out by arranging them in ascending order of the quoted Division/ Cluster Wise CAPEX rate and the Bidder who quotes Lowest Rate (L1) for

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- the Division/ Cluster shall be designated as the L1 Bidder.
- (iv) Deleted
 - (v) In case multiple bidders quote the same L1 CAPEX rate, the bidder with higher order of preference as per clause 1.5 shall be considered as Successful Bidder.
 - (vi) If multiple bidders satisfy the condition specified in step (v) above, the bidder with higher Net Worth shall be considered as Successful Bidder.
 - (vii) The selected bidder may be invited for price negotiations with NREDCAP. In the event of the selected bidder declining to participate in price negotiations or chooses to withdraw from the Bidding Process (before or after negotiations), NREDCAP reserves the right to invite the Bidders as per Step (iv), (v) &(vi).
 - (viii) In case where a Bidder emerges as L1 for more than Maximum Awarded Bid Capacity, the Divisions/ Clusters will be allotted in the order of the Bidder's stated preference until the Maximum Awarded Bid Capacity is reached. NREDCAP shall invite subsequent Bidders as per Step (iv), (v) & (vi) for negotiation and to match the L1 price to allocate the Divisions/ Clusters over and above Maximum Awarded Bid Capacity.
 - (ix) Upon signing of Agreement with respective APDISCOMs, the EMD of Successful Bidders and Bidders who did not accept the discovered price shall be returned to them within 15 days.

5.2 Allocation of unallotted Divisions/ Clusters

In the event that certain divisions/ clusters remain unallotted after completion of this tender, NREDCAP reserves the right to allocate such divisions/ clusters to technically qualified bidders of this tender.

CHAPTER-6

FINALISATION OF TENDERS

- 6.1 Tenders will be finalized by the NREDCAP, for the works along with Technical Bid evaluation for consideration and in accordance with the conditions stipulated in the Tender document and in case of any discrepancy or non-adherence to the conditions, the same shall be communicated which will be binding both on the tender concluding authority and Bidder. In case of any ambiguity, the decision taken by the NREDCAP on tenders shall be final.
- 6.2 The tenders, if received with abnormally high percentage or within the permissible ceiling limits (benchmark cost) prescribed, if any, but under collusion due to unethical practices adopted during the tendering process, shall be rejected.
- 6.3 **The Lowest Division/ Cluster Wise CAPEX rate in INR per kWp discovered as per clause 5.1 of this RfS shall be communicated to the Bidder and the Bidder is required to provide their acceptance for the same, within One Week from the date of intimation.**
- 6.4 The Bidder who has quoted the Lowest Division/ Cluster Wise CAPEX rate/ accepted to match L1 in negotiation shall have to mandatorily accept the quoted price or else forfeit their EMD. .
- 6.5 Similarly, the EMD of other Qualified Bidders who are invited for negotiations refusing to match the L1 price shall not be forfeited.
- 6.6 The Successful Bidder has to sign an EPC Contractor / RTS Vendor Agreement within a period of 15 days from the date of receipt of communication of acceptance of his tender. On failure to do so, his/her tender will be cancelled, duly forfeiting the EMD paid by him without issuing any further notice.
- 6.7 Upon signing of agreement with DISCOM, the EMD of Successful Bidder and other Qualified Bidders shall be returned within 15 days.

CHAPTER-7

TERMS OF CONTRACT

7.1 Evaluation Criterion

The whole work shall be done under Utility Led Aggregation (CAPEX) model. Under this RfS, the bidding parameter shall be the Division/ Cluster Wise CAPEX rate quoted by the Bidder in Indian Rupees per kWp (INR per kWp) inclusive of taxes. This price shall include mandatory O&M activities as per PM-Surya Ghar Scheme guidelines for the first 5 years (including warranty).

The CAPEX rate shall include all costs related to the scope of Work as per the RfS and obligations of the EPC Contractor/RTS Vendor. The Bidder shall quote for the entire facilities on a “single responsibility” basis such that the CAPEX rate covers all the obligations in respect of Design, Supply, Erection, Testing and Commissioning, including Warranty and Mandatory O&M for 5 years, as per PM-Surya Ghar scheme Guidelines, inclusive of all taxes. The CAPEX rate should be quoted while accounting for the cost of grid-connectivity, etc. The Bidder shall quote the CAPEX rate for setting up of Grid connected Rooftop Solar systems on terrace of identified Division/ Cluster wise residential consumers.

7.2 Notification of Selection

Prior to the expiry of validity period of offer, NREDCAP will notify the successful Bidders by registered Letter/Email that he/she is selected as one of the Bidders accepted to install the Rooftop Solar power plants in ULA (CAPEX) mode under PM-Surya Ghar: Muft Bijli Yojana Scheme.

7.3 Right to accept/reject any or all tenders

NREDCAP reserves all the right to reject any or all the tenders, accept any tender in total or in part.

7.4 Expenses of Agreement

The respective Bidders shall pay all the expenses of stamp duties and other requirements for signing the Agreement with NREDCAP.

7.5 Execution of Agreement

- a) An Agreement (EPC Contractor/ RTS Vendor Agreement) shall be signed between APDISCOMs and the Successful Bidder. The denial of the Successful Bidder to undertake the whole work shall be treated as breach of contract and NREDCAP may forfeit Performance Security amount submitted by that Bidder.
- b) The Successful Bidder shall execute an agreement in the INR 100 non-judicial stamp paper of Andhra Pradesh Jurisdiction only in the name of the Bidders, within 15 days from the date of Letter of Award about qualification by NREDCAP.

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- c) The Successful Bidder shall not assign or make over the selection, the benefit or burden thereof to any other person or persons or body corporate for the execution of the contract or any part thereof without the prior written consent of NREDCAP. NREDCAP reserves its right to cancel the selection either in part or full if this condition is violated.
- d) In case of the successful bidder fails to execute necessary agreements as prescribed, within the stipulated period, then his EMD shall be forfeited and his tender held as non-responsive.

7.6 Right to alter Bid Capacity

During the evaluation of Bids and based on the competitiveness of the bid process, NREDCAP retains the right to increase or decrease the Bid Capacity (number of houses for RTS installations/capacity for each house). Capacity mentioned is on DC Side.

7.7 Installation & Completion Schedule

The entire work involving Supply, Installation and Commissioning of each Grid connected Rooftop Solar system shall be completed within 180 days (6 months) for all capacities from the date of issuance the LOA.

7.8 Scope of Work

Scope of Work for EPC Contractor/ RTS Vendor:

- a) The Scope of Work includes design as per site conditions, engineering, manufacture/procurement, manufacturer's quality assurance, factory testing, transportation, handling, storage, erection including all civil/structural works, electrical and general works, piping, cabling, installation, provision for data acquisition with communication facility to centralized monitoring system of AP DISCOMs, testing, commissioning, services, project financing, permits/sanction/clearance if any and insurance at all stages of this contract and supply of energy from the Rooftop Solar Plants and Mandatory O&M of the RTS system.
- b) The EPC Contractor /RTS Vendor will design, supply, install, test and commission, operate and maintain Rooftop Solar systems during the Mandatory O&M period on the terrace of Division/ Cluster wise identified SC-ST residential consumers by APDISCOMs. The EPC Contractor/ RTS Vendor shall generate energy from Rooftop Solar Plants and inject into the grid. The energy injected shall be mapped to and net off against consumption of identified SC and ST consumers through virtual net metering basis under PM-Surya Ghar scheme based on their connected load.
- c) Site Survey, Measurement of solar isolation and other relevant parameters required for design of each system.

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- d) Complete design, engineering, preparation and submission of drawings, equipment and material specification preparation.
- e) Bidder shall submit Guaranteed Technical Particulars (**GTP**) & Program Evaluation and Review Technique (**PERT**) chart for the awarded division/ cluster to APDISCOMs to get go ahead for the project.
- f) The Bill of Material (**BOM**) shall be submitted to APDISCOMs within a week of obtaining Letter of Award of Contract.
- g) Factory Acceptance Testing shall be conducted for key components, and reports shall be shared with DISCOMs when requested. All components of grid-connected Rooftop Solar system/ plant must conform to the relevant standards and certifications given in Annexure B.
- h) Procurement and expediting of all supplies and delivery of equipment and material to each job site. Dispatch of equipment shall be initiated only upon receiving formal dispatch instructions from the concerned DISCOM authority.
- i) Pre-commissioning & Commissioning of all supplied Equipment and Test running of Grid Connect Rooftop Solar Photovoltaic system.
- j) The Delivery point for the RTS system shall be the point at which the energy generated from the Rooftop Solar system is delivered to the DISCOM (at the main electricity distribution board in the consumer premises)
- k) The Interconnection Point for the RTS system shall be the point at which energy generated by the Rooftop Solar PV plant is supplied to respective APDISCOMs grid (at the Gross/ Smart metering point).
- l) The Mounting Structure covered under this tender is designed for flat RCC roof, and APDISCOMs conducted primary survey to identify SC/ST residential consumers with space for installation of Rooftop Solar installations. **These details shall be provided by respective APDISCOMs.** At cyclone prone areas, the mounting structure shall be designed and constructed to withstand extreme weather conditions, cyclone, including wind speeds of up to 215 kmph for Divisions/ Clusters under APEPDCL/ 150 kmph for Divisions/ Clusters under APCPDCL and APSPDCL, ensuring resilience against natural calamities prone areas.
- m) Wiring from the Gross/ Smart Meter up to Distribution Board is in the scope EPC Contractor/ RTS Vendor.
- n) If the operation or use of the system proves to be unsatisfactory during the Project Tenure, the EPC Contractor/ RTS Vendor shall replace the faulty ones or carry out necessary repairs as per the warranty terms and conditions.

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- o) Obtaining grid connectivity of the Project under this tender would be the responsibility of the bidder in accordance with the prevailing guidelines of the APERC or Central Electricity Authority (CEA) or DISCOM in the respective area. DISCOM could facilitate connectivity and necessary approvals, however, the entire responsibility lies with the Bidder only.
- p) Commissioning including Warranty, Mandatory O&M for the first 5 years, goods and services including spares required, if any, during the Project Period . The Bidder has to take all permits and other approvals and licenses, Insurance etc., provide training and such other items and services required to complete the scope of work mentioned above.
- q) Scheduled Commercial Operation Date (SCOD) is within 6 months from the date of issuance of LOA.**
- r) The cost is inclusive of all taxes, duties, packing, forwarding and transportation costs up to the site.
- s) Following guidelines shall be followed with regard to Mandatory O&M:
 - i. O&M of the Project shall be compliant with grid requirements to achieve committed energy generation.
 - ii. Deputation of qualified and experienced engineer/ technicians till the end of Project Tenure at the Project site(s).
 - iii. Periodic cleaning of solar modules. The modules shall be cleaned with a periodic interval of 1 month or as and when required as per actual site conditions. It's the responsibility of the EPC Contractor/ RTS Vendor to get the modules cleaned during the entire Project Tenure.
 - iv. A “hindrance register” shall be maintained by the EPC Contractor/ RTS Vendor with reasons and documentary evidence to register/record any delays/faults at the time of hindrance on account of the consumer(s) and shall be updated from time to time. The same shall be duly certified by the Authorized Representative.
 - v. Periodic checks of the Modules, PCUs and BoS shall be carried out as a part of routine, preventive and breakdown maintenance.
 - vi. Immediate replacement of defective Modules, Invertors/PCUs and other equipment as and when required.
 - vii. Supply of all spares, consumables and fixtures as required. Such stock shall be maintained for all associated equipment and materials as per manufacturer's / supplier's recommendations.

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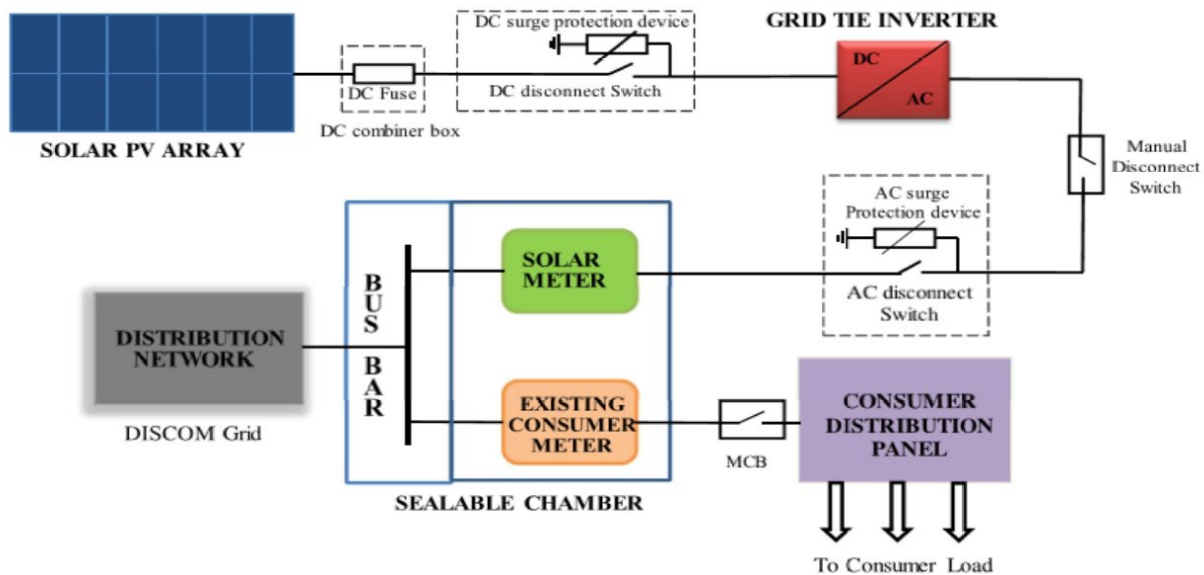
- viii. All the testing instruments required for Testing, Commissioning and O&M for the healthy operation of the Plant shall be maintained by the EPC Contractor/ RTS Vendor. The testing equipment must be calibrated once in a year from NABL accredited labs and the certificate of calibration must be kept for reference as required.
- ix. If negligence/ mal operation on part of the EPC Contractor's/ RTS Vendor's operator results in failure of equipment, such equipment should be repaired/ replaced by the EPC Contractor/ RTS Vendor free of cost.
- t) Transfer of all assets along with related warranties, insurances etc. to DISCOM after the Project Tenure. The EPC Contractor/ RTS Vendor shall ensure that all the assets are in good working condition as per the Specifications highlighted in this document.
- u) The EPC Contractor/ RTS Vendor is responsible to educate the Consumer about safeguarding, upkeeping and proper maintenance of the RTS System
- v) The EPC Contractor/ RTS Vendor shall train the consumers and utility officials at the end of the Project Tenure on operation and maintenance of the Rooftop Solar Plant.
- w) EPC Contractor/ RTS Vendor shall set up an Authorized Service Centre in each Division/ Cluster that the EPC Contractor/ RTS Vendor has been awarded with setting up of Rooftop Solar Plants. Such service centre(s) shall be in the form of a commercial establishment, in a space owned or leased and run by the EPC Contractor/ RTS Vendor which shall become functional before the commissioning of the first Rooftop Solar Plant out of the total awarded Rooftop Solar Plants to effectively carry out the operation and maintenance obligations during the Project Tenure. Failure to set up an Authorized Service Centre as per the RfS conditions will lead to termination of the Agreement,

In case an EPC Contractor/ RTS Vendor is successful bidder for up to two Divisions/ Clusters within a Circle, then the EPC Contractor/RTS Vendor shall set up at least one Authorized Service Centre for these two Divisions/ Clusters within the same Circle. In case an EPC Contractor/ RTS Vendor is successful bidder for more than two Divisions/ Clusters within a Circle, then the EPC Contractor/ RTS Vendor shall set up at least two Authorized Service Centres for these Divisions/ Clusters within the same Circle. However, no service centre shall be shared between Divisions/ Clusters belonging to different Circles or different EPC Contractors.

- x) Anti-theft bolts, nuts, fasteners shall be used for the installation of solar modules to ensure the security of the modules.

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Schematic Diagram for Roof top facility for Gross Metering



Scope of APDISCOMs:

- i. APDISCOMs shall also be responsible for any grid modifications beyond the interconnection point for connecting the solar plant to grid.
- ii. APDISCOMs shall bear the sole responsibility to collect consent of the building owner for installing the Rooftop Solar system.
- iii. APDISCOMs shall ensure that the EPC Contractor/RTS vendor shall have access to roof of the residential consumer during the daytime (9 AM to 5 PM) for installation, commissioning, and Mandatory O&M of the Rooftop Solar system for the project tenure. In case of any unforeseen events such as demolition of the residential building, APDISCOMs shall ensure that the EPC contractor/RTS vendor shall be provided access to another rooftop premise in nearby vicinity for transfer/installation of Rooftop Solar system within one week time. APDISCOMs shall bear the expenses for transfer and re-installation up to a maximum of 30% of the Quoted Capex Rate per kWp as relocation charges to be paid to the EPC Contractor. Further, the affected RTS plant shall not be considered for mandatory CUF compliance mentioned in RfS clause 3.6.5 for the duration of downtime due to transfer and re-installation.
- iv. Facilitate connectivity and other necessary approvals for connecting the Rooftop Solar system at individual premises with the Grid.

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- v. Load enhancement must be carried out by APDISCOMs wherever required.
- vi. Supply and installation of Gross/ Smart meters at consumer premises.

7.9 Inspection by APDISCOMs

All the Rooftop Solar systems installed will be inspected by the representatives of APDISCOMs within prior to issuance of Installation & Commissioning Certificate. During the Inspection, if the system installed is found faulty (or) not in compliance to the technical specification, the cost for re-inspection by APDISCOMs after rectification/replacement shall be borne by the EPC Contractor/ RTS Vendor.

7.10 Warranty

- a) The Solar PV Panels shall carry a warranty of minimum of 8 years from the date of supply against all material/ manufacturing defects and workmanship.
- b) The Solar PV panel must be warranted for their output peak watt capacity which shall not be less than 90% at the end of 10 years and 80% at the end of 25 years. The EPC Contractor/RTS Vendor shall ensure that the warranty shall be transferred to the respective DISCOM after the Project Tenure.
- c) The PCU/Solar Grid tied Inverter shall carry a warranty of minimum **of 8 years**.
- d) The complete Rooftop Solar systems installed and commissioned shall be under a warranty against any manufacturing or usage defect for a minimum period **of 5 years** from the date of Commissioning. The mechanical structures, electrical works including power conditioners /maximum power point tracker units/ distribution boards/digital meters/ switchgear etc. and overall workmanship of the Rooftop Solar systems must be warranted against any manufacturing/ design/ installation defects for a minimum period of 5 years.
- e) The warranty will be against breakages, malfunctions, non-fulfillment of guaranteed performance and breakdowns due to manufacturing defects or defects that may arise due to improper operation of electrical /electronic components of the system but do not include physical damages by the end users/beneficiary.
- f) The above warranty shall take effect from the date on which the system is taken over by the purchaser after commissioning Synchronizing.
- g) The successful bidder shall be liable to make good the loss by replacing the defective product during the warranty period for the entire system free of cost.

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- h) The warranty will cover all the materials and goods involved in the installation and commissioning of Rooftop Solar systems by the successful Bidder.
- i) Non-performing/Under-performing PV Panels will be replaced free of cost in the warranty period. Non-compliance of the service standards by the vendor will make it ineligible for future work orders.

7.11 NREDCAP reserves the right to

Negotiate with the Bidders for further reduction of prices.

7.12 Banning of business deal

The bidder will be banned from business with NREDCAP if any of the particulars produced by the bidder such as Auditor Certificate, Annual account, GST Clearance Certificate, Test certificate, etc. are found to be incorrect, or if there is breach of any of the conditions in the contract.

7.13 Plant Performance Evaluation and Capacity Utilization Factor (CUF)

The successful bidder shall be required to meet Minimum Guaranteed Generation with Performance Ratio (PR) at the time of commissioning and related Capacity Utilization Factor (CUF) during the Project Tenure.

PR (AC) should be shown minimum of 75% at the time of inspection for initial commissioning acceptance to qualify. If the specified performance ratio is not achieved, the same shall be demonstrated within a period of another 7 days immediately following the previous testing and still if it is not achieved, the EPC Contractor/RTS Vendor shall enhance the module capacity of solar plant/improve the quality of the plant by replacement of module/other components with all suitable modification requirements on balance of systems at his own cost to achieve the performance ratio. PR shall be measured at 15-minute intervals for the period from 11AM to 3PM during the above period and average of these values is taken for calculating PR. PR assessment shall be evaluated using the standard calibrated equipment of APDISCOMs.

The EPC Contractor/ RTS Vendor should send the monthly Rooftop Solar Plant output details to APDISCOMs and NREDCAP for ensuring the PR and CUF at the Interconnection Point and the same shall be verified by APDISCOMs. The EPC Contractor/ RTS Vendor shall send monthly progress report to NREDCAP and APDISCOMs.

7.14 Force Majeure

Force Majeure shall mean any cause, existing or future, which is beyond the reasonable control of any of the Parties including acts of God, storm, fire, floods, explosion, pandemic, epidemics, quarantine, earthquake, strike, riot, lock out, embargo, interference by civil or military authorities, acts, regulations or orders of any governmental authority in their sovereign capacity, acts of war (declared or undeclared) including any acts of terrorism.

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None of the Parties shall be liable for the failure to perform any obligation in terms of this Agreement if and to such extent such failure is caused by a Force Majeure.

The Party prevented to fulfil its obligations (hereinafter referred to as "the Affected Party") by Force Majeure shall notify the other Party through written means including fax/email/ post within one week after occurrence and cessation of such Force Majeure and it shall be established by the Affected Party that the Force Majeure had delayed performance of the Affected Party's obligations and services and was beyond the reasonable control of the Affected Party and not due to the default or negligence of the Affected Party.

The periods for performance of this Agreement as agreed upon shall be extended by the periods of delay caused by such Force Majeure, as long as the period of Force Majeure does not last longer than three months.

If a Force Majeure continues for more than three months and the Parties are not able to reach an agreement on the continuation of the Agreement within a further term of one month, the fulfilment of the Agreement shall automatically be deemed impossible and shall stand suspended/ terminated.

Upon such suspension/termination, the EPC Contractor/ RTS Vendor shall be entitled to be paid the following amount:

- a. the amounts payable for the work completed until the date of suspension,
- b. the cost of materials which have been delivered or of which EPC Contractor/ RTS Vendor is liable to accept delivery: this material shall become the property of Utility when paid for by it, and EPC Contractor/ RTS Vendor shall place them at Utility's disposal,
- c. any other cost or liability, including unamortized cost of materials, which in the circumstances was reasonably incurred by EPC Contractor/ RTS Vendor in the expectation of completion of the Works,
- d. demobilization costs of EPC Contractor/ RTS Vendor personnel and equipment,
- e. all other costs incurred by EPC Contractor/ RTS Vendor on account of cancellation of order on such other suppliers.

7.15 Insurance

- 7.15.1 The EPC Contractor/RTS Vendor shall be responsible and take an Insurance Policy for transit-cum- storage-cum-erection for all the materials to cover all risks and liabilities for supply and storage of materials at site, erection, testing and commissioning.
- 7.15.2 The EPC Contractor/ RTS Vendor shall take appropriate insurance during Project Period including adequate insurance coverage during O&M period to mitigate all risks related to O&M of the plant to indemnify the Employer.
- 7.15.3 Before commencement of work, the Vendor shall also take Insurance for Third Party Liability covering loss of human life, engineers and workmen and also covering the risks of damage to the

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third party/ material/ equipment/ properties during execution of the Contract Agreement. The EPC Contractor/ RTS Vendor will ensure that all its employees and representatives are covered by suitable Insurance against any damage, loss, injury or death arising out of the execution of the work or in carrying out the Contract. Liquidation, Death, Bankruptcy etc., shall be the responsibility of the EPC Contractor/ RTS Vendor.

- 7.15.4 Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against theft for all major materials and equipment intended for use in the development and installation of Rooftop Solar Plants. This insurance shall remain valid till the commissioning of the Project.
- 7.15.5 Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against damage caused to RTS plants due to fire, flood and natural calamities. This insurance shall remain valid till the commissioning of the Project.
- 7.15.6 The Insurance covers as mentioned in clause no. 7.15.1, 7.15.2, 7.15.3, 7.15.4 & 7.15.5 are mandatory and in case of any violation of not taking Insurance Cover may result in imposition of Penalty. Penalty shall be deducted from the EPC Contractor/ RTS Vendor's claim for subsidy as under and the subsidy, in such cases shall be released only on submission of Indemnity Bond @ INR 5,000 per Plant Location. The provision of penalty for not taking insurance is one time only, on repetition of the same, the sanction of the particular site will be cancelled.

7.16 Locations of RTS plants

The locations of RTS plants in the tender comprises of roof tops of residential buildings of identified ST and SC consumers in the respective Division/ Clusters, and these will be handed over to the Bidder for the installation, testing, commissioning, and mandatory O&M of grid tied Rooftop Solar PV Power plants. Ground mounted elevated Rooftop Solar plants alone or vacant land are not considered under this tender. The installation of Rooftop Solar System shall be completed duly in line with Operational Guidelines of PM Surya Ghar scheme.

7.17 Payment Terms

The Capex payment to the EPC Contractor/RTS Vendor shall be made in phases as detailed below:

- i. A part of CAPEX shall be the CFA released directly to the EPC Contractor/ RTS Vendor through the ULA portal by the Ministry of New and Renewable Energy (MNRE), Government of India, after successful commissioning of the rooftop solar plant, completion of inspection by DISCOM officials, and achievement of at least one month's CUF as defined for the respective divisions/ clusters.

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The CFA amount will be 60% of the benchmark cost, in accordance with the Operational Guidelines of PM-Surya Ghar: Muft Bijli Yojana O.M.318/17/2024-Grid Connected Rooftop dated 7th June 2024, PM-Surya Ghar: Muft Bijli Yojana O.M. 318/17/2024-Grid Connected Rooftop (Part-15) dated 28th December 2024, and subsequent amendments, if any.

- ii. 2% of CAPEX shall be paid by APEPDCL/ APCPDCL/ APSPDCL to the EPC Contractor/ RTS Vendor on successful completion of each year of O&M from 1st year through 5th year and final handover at the end of 5th year.
- iii. Balance CAPEX shall be paid by APEPDCL/ APCPDCL/ APSPDCL to the EPC Contractor/ RTS Vendor upon satisfactory evidence of procurement and availability of major materials such as solar modules and inverters at the Divisions/ Clusters.

The EPC Contractor/ RTS Vendor shall raise and submit invoices, along with relevant certificates/completion certificates, as per the milestones mentioned above. The Payment shall be made to the EPC Contractor/ RTS vendor by the APDISCOMs within 45 Days (Due Date) from the date of the receipt of the invoice. In case any of the above days falls on holiday, the subsequent working day shall be considered.

The Rooftop Solar Plant size per consumer shall be upto 2 kWp. If the plant's capacity at any household exceeds 2 kWp, the CAPEX payment will be limited to a maximum of 2 kWp for that household at the Quoted Division/ Cluster Wise CAPEX Rate.

7.18 Late Payment Surcharge

In case payment of any invoice is delayed by APDISCOMs beyond its Due Date, a late payment surcharge shall be payable by APDISCOMs to the EPC Contractor/RTS Vendor at the rate of 0.5% per month on outstanding payment, calculated on a day-to-day basis for each day of the delay. A late Payment Surcharge shall be claimed by the EPC Contractor/RTS Vendor, through its subsequent invoice.

7.19 Domestic Content Requirement (DCR)

Solar modules and cells used in the installation must satisfy the Domestic Content Requirement (DCR) condition i.e., domestically manufactured modules from domestically manufactured cells. This is an essential condition for the installation to be eligible for the Central Financial Assistance (CFA) from MNRE, GoI. Use of non-DCR modules in any form shall render the installation ineligible for CFA. The EPC Contractor/ RTS Vendor shall submit a declaration from the Original Equipment Manufacturer (OEM) certifying that the modules used in the installation meet the DCR standards as per Annexure A. The EPC Contractor/ RTS Vendor shall also comply with any other mechanisms for DCR traceability established by the MNRE.

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7.20 Procurement of Solar Inverters and Communication Devices

The inverters and communication devices to be supplied must comply with the specifications and guidelines outlined by the Ministry of New and Renewable Energy (MNRE), as per Office Memorandum F.No. 318/87/2024-GCRT-Part(1), dated 21st July 2025, including any subsequent amendments. This includes mandatory integration with national servers and the use of Machine-to-Machine (M2M) SIM-based communication protocols for secure and centralized data transmission under the PM Surya Ghar: Muft Bijli Yojana (PMSG: MBY) scheme.

CHAPTER-8
TECHNICAL SPECIFICATIONS

The EPC Contractor/ RTS Vendor shall strictly adhere to the minimum technical specifications as per the terms established in the **Annexure – 3** “Technical Specifications for Rooftop Solar Plants Installed under the Component of CFA Residential Consumers under PM-Surya Ghar: Muft Bijli Yojana” under Operational Guidelines for Implementation of PM-Surya Ghar: Muft Bijli Yojana for the component of “CFA to Residential Consumers” issued by MNRE, GoI vide O.M No.: 318/17/2024-Grid Connected Rooftop dated 07.06.2024.

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TECHNICAL BID

TECHNICAL BID FORMAT (To be uploaded in AP e Procurement Portal)

All pages of the Technical Bid shall be organised section-wise, annexed with proof documents, serially numbered and stitched/or spiral bound intact and submitted) Loose pages shall not be accepted.

1. GENERAL PARTICULARS OF BIDDER

| SL. | PARTICULARS | TO BE FUNISHED BY THE BIDDER |
|-----|--|------------------------------|
| 1 | Name of Bidder/Firm | |
| 2 | Registered Office & Postal Address | |
| 3 | E-mail address for communication & Website | |
| 4 | Telephone/ Fax No. | |
| 5 | Name, designation, address, contact number and Email of the representative of the Bidder to whom all references shall be made. | |
| 6 | Nature of the firm (Individual/ Partnership / Pvt. Ltd /Public Ltd. Co. /Public Sector, etc.) Attach attested copy of Registration & Partnership deed/ Memorandum of Association, Year of Incorporation | |
| 7 | Amount and particulars of the Earnest Money Deposited as per clause 3.2. | |
| 8 | Average Annual Turnover for 3 of the last 5 Financial Years i.e., satisfying the criterion for 3 years from FY 2019-20 to 2023-24 (Attach Certificate from Chartered Accountant as per format 10 and Audited Financial Statements. The period from FY 21-FY 25 may be considered if audited financial statements of FY 25 are available) | |
| 9 | Net Worth of the Company as on the last date of each of the last 3 Financial Years i.e., FY 2021-22, FY 2022-23 and FY 2023-24 (Attach Certificate from Chartered Accountant as per format 10 and | |

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| SL. | PARTICULARS | TO BE FUNISHED BY THE BIDDER |
|-----|---|------------------------------|
| | Audited Financial Statements. Period from FY 23 - FY 25 may be considered if audited financial statements of FY 25 are available) | |
| 10 | Name and address of the Indian/foreign collaboration if any. | |
| 11 | PAN No. (Copy of certificate to be enclosed) | |
| 12 | GST No. (copies of certificates to be attached) | |
| 13 | Has the Bidder /firm ever been debarred by any Govt Dept /institution/DISCOM/NREDCAP for undertaking any work? | |
| 14 | Any other information attached by the Bidder (Details of Annexure / page no. where its enclosed) | |
| 15 | Does Bidder have any relative working in NREDCAP/APDISCOMs? If yes state, the Name and designation. | |
| 16 | Whether company is MSME as on the bidding date. In case of MSME Company Aadhar Memorandum Particulars to be indicated. Firms claiming exemptions for EMD shall submit valid Certificate/letter issued by Department of Micro, Small and Medium Enterprises (MSME) (or) are registered with the Central Purchase Organization (or) the concerned Ministry or Department. | |
| 17 | Bank Account Details, For Bank A/c Details a copy of Cancelled Cheque to be enclosed. | |
| 18 | Power of Attorney | |

2. DETAILS OF EXPERIENCE

Please fill in information about Solar PV Power Projects/ Solar Pump Projects executed in the last 5 years.

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| Sl. No | Description | Dec-2024 to Nov-2025 | Dec-2023 to Nov-2024 | Dec-2022 to Nov-2023 | Dec-2021 to Nov-2022 | Dec-2020 to Nov-2021 |
|--------|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| 1 | Grid Connected Rooftop Installations Capacity in MWp | | | | | |
| 2 | Grid Connected Ground Mounted Solar Installations Capacity in MWp | | | | | |
| 3 | Off-Grid Rooftop Installations Capacity in MWp | | | | | |
| 4 | Off-Grid Ground Mounted Solar Installations Capacity in MWp | | | | | |
| 5 | Grid Connected Solar pump projects in MWp | | | | | |
| 6 | Off-Grid Solar pump projects in MWp | | | | | |

DOCUMENTARY EVIDENCE TO BE SUBMITTED as per 1.2.2:

- Work Order Copies/ Project Sanction Letter/ Invoice
- Project Completion Report/ Certificate clearly showing the date of commissioning
- Average Annual Turnover and Net Worth

3. DETAILS ABOUT THE BLACKLISTING, IF ANY

Information on litigation history in which Bidder is involved.

- Whether blacklisted/ Debarred/Suspended from execution of work.
- Other litigations. If any including Court litigations Arbitrations etc.

| Department and Concerned officer | Other party (ies) | Case of dispute. | Amount involved | Remarks showing present status |
|----------------------------------|-------------------|------------------|-----------------|--------------------------------|
| | | | | |

4. DETAILS ABOUT THE COMPONENTS TO BE USED

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

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| Sl. No | Description | Name of Manufacturer(s) | Manufacturing Plant address |
|---------------|------------------------|--------------------------------|------------------------------------|
| 1 | Solar PV Modules | | |
| 2 | Grid Tied Inverter/PCU | | |

- Enclose the Data Sheets of Solar PV Modules and Grid Tied Inverters proposed to be used.

Signature of the Authorized person:

Name of the Authorized person:

Designation:

Name and Address of Bidder:

Company Seal:

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FINANCIAL BID
(To be uploaded in AP e-Procurement Portal)

The following Financial Bid is CAPEX rate quoted by the Bidder to undertake all activities mentioned in Clause 7.8 of this Tender document

| S. No. | Project Name/ No. | Name of the Division/ Cluster | Rooftop Solar Capacity (kWp) | CAPEX Rate (INR per kWp) excluding GST | CGST on CAPEX Rate (in INR per kWp) | SGST on CAPEX Rate (in INR per kWp) | CAPEX Rate including CGST and SGST (in INR per kWp) |
|--------|-------------------|-------------------------------|------------------------------|--|-------------------------------------|-------------------------------------|---|
| | | | | (A) | (B) | (C) | (D) = (A + B + C) |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |

Note:

1. All the components including Rooftop Solar Plant, software and other components should be quoted as a single item. No partial quotes are accepted.
2. The price quoted shall be rounded to two decimal points. Price quoted after second decimal point, if any, shall not be considered.

Signature of the Authorized person:

Name of the Authorized person:

Designation:

Name of Bidder

Address of Bidder

Company Seal

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

FORMATS

Format -1

BIDDERS UNDERTAKING COVERING LETTER

(Letter shall be submitted on Bidder(s) Letter Head)

Ref No.:

Date:

To

The Vice Chairman and Managing Director,
NREDCAP,
12-464/5/1, River Oaks apartments,
CSR Kalyana mandapam road,
Tadepalli, Andhra Pradesh

Sub: Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Setting up of Grid Connected Rooftop Solar systems on identified SC-ST residential households in Division/ Cluster at APDISCOMs in ULA (CAPEX) mode under PM Surya Ghar Scheme-reg.

Tender Reference: RFS No. NREDCAP/PMSG/SC&ST/7A/2025, Dt. 01.12.2025

Dear Sir/ Madam,

1. We have examined the Tender for Selection of EPC Contractors/ RTS Vendors for Setting up of **233.33 MWp** Grid Connected Rooftop Solar Systems for 1,16,663 SC-ST residential consumers under ULA (CAPEX) mode under PM-Surya Ghar Scheme as specified in the Tender. We undertake to meet the requirements and services as required and as set out in the Tender document.
2. We attach our Technical Bid in sealed covers as required by the Tender in full conformity with the said Tender. We are submitting bid for the following divisions/ clusters:

| Sl. No. | Project No. | Division/ Cluster | Rooftop Solar Capacity (MWp) |
|---------|-------------|-------------------|------------------------------|
| | | | |
| | | | |
| | | | |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

3. We have read the provisions of Tender and confirm that these are acceptable to us. We further declare that additional conditions, variations, deviations, if any, found in our response shall not be given effect to.
4. We undertake, if our Bid is accepted, to adhere to the requirements as specified in the Tender or such modified plan as may subsequently be agreed.
5. We agree to unconditionally accept all the terms and conditions set out in the Tender document and also agree to abide by this Bid response for a period as mentioned in the Tender from the date fixed for bid opening and it shall remain binding upon us with full force and virtue, until within this period a formal contract is prepared and executed, this Bid response, together with your written acceptance thereof in your notification of selection. shall constitute a binding contract between us and NREDCAP/APDISCOMs.
6. We affirm that the information contained in the Technical Bid or any part thereof, including its schedules, and other documents, etc., delivered or to be delivered to NREDCAP is true, accurate, and complete. This proposal includes all information necessary to ensure that the statements therein do not in whole or in part mislead NREDCAP as to any material fact.
7. We also agree that you reserve the right in absolute sense to reject all or any of the products/ service specified in the bid response without assigning any reason whatsoever.
8. It is hereby confirmed that I/We are entitled to act on behalf of our company/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.
9. We agree to use solar modules that satisfy the Domestic Content Requirement condition i.e., domestically manufactured modules manufactured from domestically manufactured cells in this project.
10. We undertake to strictly adhere to the MNRE defined technical specifications for all the equipment that we shall use in setting up of Rooftop Solar Plants for this Project.
11. We also declare that our Company/Organisation is not blacklisted by any of the State or Central Government and organisations of the State or Central Government.
12. We ensure all the activities mentioned in the Scope of work will be carried out as specified in chapter 7 as per this RfS.
13. We also agree to maintain the minimum Division/ Cluster level CUF as defined in the Annexure C.

Signature of the authorized person:

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Name of the authorized person:

Designation:

Name and Address of Bidder:

Stamp of Bidder:

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -2

CERTIFICATE AS TO AUTHORISED SIGNATORIES

I, certify that I am (Name) (Designation), and that (Name)..... who signed the above Bid has been duly authorized to sign the same on behalf of our Organisation.

Date:

Signature:

Company Name:

Location:

Company Seal:

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -3(a)

FORMAT FOR BANK GUARANTEE FOR - EARNEST MONEY DEPOSIT

This deed of Guarantee made on..... day ofMonth ofYear by(Name & Address of the bank) (hereinafter called the “GUARANTOR”) on the one part, on behalf of M/s..... (Name & address of the Firm) (hereinafter called the “FIRM”) in favour of The Vice Chairman and Managing Director, NREDCAP, Tadepalli on the following terms and conditions.

Whereas the FIRM is submitting its tender for..... (Name of the work) and this guarantee is being made for the purpose of submission of Earnest money deposit with the Tender document. Know all people by these presents that the GUARANTOR, hereby undertake to indemnify and keep NREDCAP indemnified up to the extent of Indian Rupees [Total Value] during the validity of this bank guarantee and authorize NREDCAP to recover the same directly from the GUARANTOR. This bank guarantee herein contained shall remain in full force and effect till the expiry of its validity or till any extended period (if extended by the bank on receiving instructions from FIRM). The liability under the guarantee shall be binding on the GUARANTOR or its successors.

Whereas the GUARANTOR further agrees that their liability under this guarantee shall not be affected by any reason of any change in the offer or its terms and conditions between the FIRM and NREDCAP with or without the consent or knowledge of the GUARANTOR.

Whereas the GUARANTOR further agrees to pay guaranteed amount hereby under or part thereof, on receipt of first written demand whenever placed by NREDCAP during the currency period of this guarantee. The GUARANTOR shall pay NREDCAP immediately without any question, demure, reservation or correspondence.

Whereas the GUARANTOR hereby agrees not to revoke this guarantee bond during its currency period except with the previous consent of NREDCAP in writing.

Notwithstanding anything contained herein

1. Our liability under this bank guarantee shall not exceed Indian Rupees..... [Total Value]

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

2. This Bank guarantee shall be valid up to.....
3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only against the written claim or demand on or before Sealed with the common seal of the bank on this day ofMonthYear

Signature: _____

Name: _____

Power of Attorney No.: _____

For

_____ [Insert Name and Address of the Bank] _____

Contact Details of the Bank:

E-mail ID of the Bank:

Signature and seal of Bank:

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -3(b)
INSURANCE SURETY BOND – SUBMITTED FOR EARNEST MONEY DEPOSIT

(To be stamped in accordance with Stamp Act of India)

Insurance Surety Bond No.:

Start Date:

To
The Vice Chairman and Managing Director,
12-464/5/1, River oaks apartments,
CSR Kalyana mandapam road,
Tadepalli, Andhra Pradesh

Dear Sir/Madam,

In accordance with Request for Selection (RfS) under RfS No. (Insert RfS No. here) of the New and Renewable Energy Development Corporation of Andhra Pradesh Limited (Hereinafter referred to as 'NREDCAP/ Tender Inviting Authority/ Authorized Representative'), M/s (Insert EPC Contractor/ RTS Vendor name here) having its Registered/Head Office at (Insert address here) (Hereinafter referred to as the 'EPC Contractor/ RTS Vendor') wish to participate in the said bid for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for days of 233.33 MWp Grid Connected Rooftop Solar Plants for 1,16,663 SC and ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM- Surya Ghar: Muft Bijli Yojana.

As an irrevocable Insurance Surety Bond against Earnest Money Deposit (EMD) for an amount of (Insert the amount as stipulated in the RfS) valid till (Insert date 240 days from the last date of Bid submission) required to be submitted by the RTS Vendor as a condition precedent for participation in the said Bid which amount is liable to be forfeited on the happening of any contingencies as mentioned under the Request for Selection (RfS) Document.

We, (Insert Name of the Insurer) having our Head Office at (Insert address of the Insurer) guarantee and undertake to pay immediately on demand by New and Renewable Energy Development Corporation Limited (NREDCAP) (hereinafter called the 'Employer') the amount of (Insert the amount as stipulated in the RfS) without any reservation, protest, demand and recourse. Any such demand made by the 'Employer' shall be conclusive and binding on us irrespective of any dispute or difference raised by the RTS Vendor and/or any

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

right/remedy available to the RTS Vendor in terms thereof.

This Insurance Surety Bond shall be unconditional as well as irrevocable and shall remain valid up to..... (Insert date 60 days after the Bid Validity). If any further extension of this Insurance Surety Bond is required, the same shall be extended to such required period (not exceeding one year) on receiving instructions from M/s (Insert RTS Vendor Name) on whose behalf this Insurance Surety Bond is issued.

The Insurer hereby agrees and acknowledges that the NREDCAP shall have a right to invoke this Insurance Surety Bond in part or in full, as it may deem fit.

The Insurer hereby expressly agrees that it shall not require any proof in addition to the written demand by NREDCAP, made in any format, raised at the above-mentioned address of the Insurer, in order to make the said payment to NREDCAP.

The Insurer shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by _____ [Insert name of the Bidder] and/ or any other person. The Insurer shall not require NREDCAP to justify the invocation of this Insurance Surety Bond, nor shall the Insurer have any recourse against NREDCAP in respect of any payment made hereunder.

This Insurance Surety Bond shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Insurer.

This Insurance Surety Bond shall be a primary obligation of the Insurer and accordingly NREDCAP shall not be obliged before enforcing this Insurance Surety Bond to take any action in any court or arbitral proceedings against the Bidder, to make any claim against or any demand on the Bidder or to give any notice to the Bidder or to enforce any security held by NREDCAP or to exercise, levy or enforce any distress, diligence or other process against the Bidder.

In witness whereof the Insurer, through its authorized officer, has set its hand and stamp on this day of 20..... at

.....

(Signature)

.....

(Name)

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

.....

(Designation with Insurer Stamp)

Authorised Vide Power of Attorney No.:

Date:

Email id of the Branch for confirmation of this Bond:

Notes:

1. The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI) as amended from time to time.
2. The Employer shall be the Creditor, the RTS Vendor shall be the Principal debtor and the Insurance Company/Insurer shall be the Surety in respect of the Insurance Surety Bond to be issued by the Insurer.
3. The Insurance Surety Bond should be on Non-Judicial Stamp Paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state of Andhra Pradesh. The Stamp Paper/e-stamp paper shall be purchased in the name of RTS Vendor/Insurer issuing the Insurance Surety Bond.
4. While getting the Insurance Surety Bond issued, RTS Vendor is required to ensure compliance to the points mentioned in Form of Bank Guarantee enclosed in this Section of Bidding Documents. Further, Contractors are required to fill up this Form and enclose the same with the Insurance Surety Bond.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -4

DECLARATION

(on Rs.100/- non-judicial stamp paper)

I / WE have gone through carefully all the Tender conditions and solemnly declare that I / we will abide by any penal action such as disqualification or blacklisting or determination of contract or any other action deemed fit, taken by, the NREDCAP against us, if it is found that the statements, documents, certificates produced by us are false / fabricated.

I / WE hereby declare that I / WE have not been blacklisted / debarred / Suspended / demoted in any Government Department in any State due to any reasons.

Signature of the Bidder

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -5

DECLARATION BY THE BIDDER

I/We

.....
.....

(Hereinafter referred to as Bidder) being desirous of tendering for the work, under this tender and having fully understood the nature of the work and having carefully noted all the terms and conditions, specifications etc. as mentioned in the Tender document do hereby declare that.

1. The Bidder is fully aware of all the requirements of the Tender document and agrees with all provisions of the Tender document and accepts all risks, responsibilities and obligations directly or indirectly connected with the performance of the tender.
2. The Bidder is fully aware of all the relevant information for proper execution of the proposed work, with respect to the proposed place of works/ site, its local environment, approach road and connectivity etc. and is well acquainted with actual and other prevailing working conditions, availability of required materials and labour etc. at site.
3. The Bidder is capable of executing and completing the work as required in the tender and is financially solvent and sound to execute the tendered work. The Bidder is sufficiently experienced and competent to perform the contract to the satisfaction of NREDCAP/ APDISCOMs. The Bidder gives the assurance to execute the tendered work as per specifications, terms and conditions of the tender on award of work.
4. The Bidder has no collusion with other Bidders, any employee of NREDCAP/ APDISCOMs or with any other person or firm in the preparation of the tender.
5. The Bidder has not been influenced by any statement or promises by NREDCAP or any of its employees but only by the Tender document.
6. The Bidder is familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed there in.
7. The Bidder has never been debarred from similar type of work by any Government Undertaking /Department. (An undertaking on Non-Judicial Stamp paper worth of Rs. 100/- in this regard shall be submitted)

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

8. The Bidder accepts that the earnest money / security deposit may be absolutely forfeited by NREDCAP if the selected bidder fails to sign the contract or to undertake the work within stipulated time.
9. This offer shall remain valid for acceptance for 6 (Six) months from the Bid closing date.
10. All the information and the statements submitted with the tender are true and correct to the best of my knowledge and belief.

Signature of Bidder

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -6(a)

FORMAT FOR PERFORMANCE SECURITY AS BANK GUARANTEE

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)

In consideration of the..... [*Insert name of the Bidder*] (hereinafter referred to as selected Agency) submitting the response to Bid document inter alia for (*Name of Work*), in response to the Bid document dated..... issued by NREDCAP (hereinafter referred to as Authorized Representative) having its Registered Office at 12-464/5/1, River oaks apartments, CSR Kalyana mandapam road, Tadepalli, Andhra Pradesh, and Authorized Representative considering such response to the Bid document of..... [*insert the name of the selected Agency*] (which expression shall unless repugnant to the context or meaning thereof include its executors, administrators, successors and assignees) and the Agency and issuing Letter of Award No..... to (*Insert LOA No.*) to (*Insert name of Selected Agency*) as per terms of Bid document and the same having been accepted by the selected agency.

As per the terms of the Bid document, the [*insert name & address of bank*] hereby agrees unequivocally, irrevocably and unconditionally to pay to the **Eastern Power Distribution Company of Andhra Pradesh Limited (APEPDCL), Corporate Office, Visakhapatnam district/ Andhra Pradesh Central Power Distribution Corporation Limited (APCPDCL), Corporate Office, Vijayawada, NTR District/Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL), Corporate Office, Tirupati District** [*Please select the relevant APDISCOM*] (also known as DISCOM) forthwith on demand in writing from The Chief General Manager, EC& Solar, APEPDCL/ The Chief General Manager, Projects, APCPDCL/ The Chief General Manager, Projects, APSPDCL/ [*Please select the relevant APDISCOM*], or any Officer authorized by it in this behalf, amount of Rupees..... [*Total Value*] only, on behalf of M/s [*Insert name of the selected Agency / Project Company*]

This guarantee shall be valid and binding on this Bank up to and including..... (*Insert date that is 76 months from the date of issue of LoA*) and shall not be terminable by notice or any change in the constitution of the Bank or the term of contract or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between parties to the respective agreement.

Our Guarantee shall remain in force until [*Insert date that is 76 months from the date*]

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

of issue of LoA]. [Please select the relevant APDISCOM] shall be entitled to invoke this Guarantee till...[Insert date corresponding to thirty (30) days after the validity of the Performance Bank Guarantee].

The Guarantor Bank hereby agrees and acknowledges that.....*[Insert name of the (DISCOM) with which Agreement will be signed]* shall have a right to invoke this BANK GUARANTEE in part or in full, as it may deem fit.

The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand by, made in any format, raised at the above-mentioned address of the Guarantor Bank, in order to make the said payment to..... The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by *[Insert name of the selected Agency / Project Company as applicable]* and/or any other person. The Guarantor Bank shall not require *[Insert name of the (DISCOM) with which Agreement will be signed]*, to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against... *[Insert name of the (DISCOM) with which Agreement will be signed]* in respect of any payment made hereunder.

This BANK GUARANTEE shall be interpreted in accordance with the laws of India and the courts at Andhra Pradesh shall have exclusive jurisdiction.

The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

This BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Guarantor Bank. This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and Accordingly,

(DISCOM) shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against the selected Agency / Project Company, to make any claim against or any demand on the selected Agency / Project Company or to give any notice to the selected Agency / Project Company or to enforce any security held by (DISCOM) or to exercise, levy or enforce any distress, diligence or other process against the selected Agency / Project Company .

The Guarantor Bank acknowledges that this BANK GUARANTEE is not personal to (DISCOM) and may be assigned, in whole or in part, (whether absolutely or by way of security) by (DISCOM) to any entity to whom (DISCOM) is entitled to assign its rights and obligations under the Agreement.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rs.____(Rs.____only) and it shall remain in force until.....[Insert date corresponding to the Bid document]. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if..... [Insert name of the (DISCOM) with which Agreement will be signed] serves upon us a written claim or demand.

Signature_____

Name_____,

Power of Attorney No. _____

For

_____[Insert Name of the Bank]

_____, Banker's Stamp and Full Address.

Dated this____day of_, 20____

Witness:

1)..... Signature Name and Address

2)..... Signature Name and Address

Note:

The Stamp Paper should be in the name of the Executing Bank and of appropriate value.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -6(b)

FORMAT FOR INSURANCE SURETY BOND TOWARDS PERFORMANCE SECURITY

(To be stamped in accordance with Stamp Act of India)

Insurance Surety Bond No.:

Date:

To

..... (DISCOM Name & Address)

.....

.....

.....

Dear Sir,

In consideration of (here after referred as APDISCOM which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and assigns) having awarded to M/s..... with its Registered/Head Office at..... (Hereinafter referred to as the 'EPC Contractor/ RTS Vendor', which expression shall unless repugnant to the context or meaning thereof, include its successors administrators, executors and assigns), the Project of capacity of MWp for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years, in response to the RfS No. dated....., issued by New and Renewable Energy Development Corporation of Andhra Pradesh (hereinafter referred to as the 'NREDCAP', which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) by issuing Letter of Award No. dated and the same having been unequivocally accepted by the EPC Contractor/ RTS Vendor, resulting into a Contract Agreement and the EPC Contractor/ RTS Vendor having agreed to provide a Performance Guarantee of the amount up to and not exceeding Indian Rupees [Total Value] only.

We [Name & Address of the Insurer] having its Head Office at (hereinafter referred to as the 'Insurer', which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay APDISCOM unequivocally, irrevocably and unconditionally, on demand any and all amount to the extent of amount up to and not exceeding Indian Rupees [Total Value] on behalf of M/s [Insert name of the selected EPC Contractor/ RTS Vendor] at any time up to [days/month/year] without any condition, demur, reservation, contest, recourse or protest and/or without any reference to the EPC Contractor/ RTS Vendor.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Any such demand made by APDISCOM on the Insurer shall be conclusive and binding notwithstanding any difference between the APDISCOM and the EPC Contractor/ RTS Vendor or any dispute pending before any Court, Tribunal, Arbitrator or any other authority. The Insurer undertakes not to revoke this Insurance Surety Bond during its currency and or any period extended under the contract, without prior consent of APDISCOM and further agrees that the guarantee herein contained shall be enforceable till APDISCOM discharges this guarantee.

APDISCOM shall have the fullest liberty, without affecting in any way the liability of the Insurer under this Insurance Surety Bond, from time to time to extend the performance of the Contract by the EPC Contractor/ RTS Vendor for the purpose of which, the Insurer shall be liable to extend the validity of the present Insurance Surety Bond without any demur, condition, protest and the Insurer shall at no point in time have an option of revoking the same, APDISCOM shall have the fullest liberty, without affecting this Insurance Surety Bond, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the EPC Contractor/ RTS Vendor, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract Agreement between APDISCOM and EPC Contractor/ RTS Vendor or any other course or remedy or security available to APDISCOM.

The Insurer shall not be released of its obligations under these presents by any exercise by APDISCOM of its liberty with reference to the aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of APDISCOM or any other indulgence shown by APDISCOM or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Insurer.

The Insurer also agrees and undertakes that APDISCOM at its option shall be entitled to enforce this Insurance Surety Bond against the Insurer as a Surety, in the first instance without proceeding against the EPC Contractor/ RTS Vendor and notwithstanding any security or other guarantee that APDISCOM may have in relation to the EPC Contractor/ RTS Vendor's liabilities.

The Insurer hereby agrees and acknowledges that the APDISCOM shall have a right to invoke this Insurance Surety Bond in part or in full, as it may deem fit.

The Insurer hereby expressly agrees that it shall not require any proof in addition to the written demand by APDISCOM, made in any format, raised at the above-mentioned address of the Insurer, in order to make the said payment to APDISCOM.

The Insurer shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by _____ [Insert name of the EPC Contractor/ RTS Vendor] and/ or any other person. The Insurer shall not require APDISCOM to justify the invocation of this Insurance Surety Bond, nor shall the Insurer have any recourse against APDISCOM in respect of any payment made hereunder.

This Insurance Surety Bond shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Insurer.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

The Insurer acknowledges that this Insurance Surety Bond is not personal to APDISCOM and may be assigned, in whole or in part, (whether absolutely or by way of security) by APDISCOM to any entity to whom APDISCOM is entitled to assign its rights and obligations under the RfS.

Notwithstanding anything contained hereinabove our liability under this Insurance Surety Bond is restricted to INR (Indian Rupees only) and it shall remain in force up to and including and shall be extended from time to time for such period, as may be desired by M/s[EPC Contractor/ RTS Vendor's Name] on whose behalf this Insurance Surety Bond has been given.

Dated this day of 20..... at.....

.....
(Signature)

.....
(Name)

.....
(Designation with Insurer stamp)

Email id of the Branch for confirmation of this Bond:

Power of Attorney No.

Date.....

Witness:

1.
(Signature)

.....
(Name)

.....
(Official Address)

2.
(Signature)

.....
(Name)

.....
(Official Address)

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Notes:

1. The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI).
2. APDISCOM shall be the Creditor, the EPC Contractor/ RTS Vendor shall be the Principal debtor and the Insurance company/Insurer shall be the Surety in respect of the Insurance Surety Bond to be issued by the Insurer.
3. The Insurance Surety Bond should be on Non-Judicial stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of EPC Contractor/ RTS Vendor/Insurer issuing the Insurance Surety Bond.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

**Format -7
CHECKLIST TO ACCOMPANY THE TENDER**

| Sl. No | Description | Whether Applicable or not | Page No. (see Note below) |
|---------------|---|----------------------------------|----------------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Bank Guarantee/ Insurance Surety Bond toward requisite Earnest Money Deposit or exemption document or Bank Guarantee. | Yes /No | |
| 2 | Copy of PAN card | Yes /No | |
| 3 | Copy of latest Income Tax Clearance returns submitted along with proof of receipt (Latest SARAL form). | Yes /No | |
| 4 | CA Certificate for the Average Annual Turnover i.e., satisfying the criterion of 3 of the last 5 Financial Years from FY 2019-20 to FY 2023-24 as per Format 10 (Year wise) | Yes /No | |
| 5 | CA certificate for Net worth as on the last date of each of the last 3 Financial Years i.e., FY 2021-22, FY 2022-23 and FY 2023-24 as per Format 10 | Yes /No | |
| 6 | Copies of Incorporation certificate | Yes /No | |
| 7 | Copies of GST Registration Certificate. | Yes /No | |
| 8 | Latest GST clearance certificate. | Yes /No | |
| 9 | Information on litigation history in which Bidder is involved. | Yes/No | |
| 10 | Documentary Evidence as per “Local Vendor Definition” | Yes/No | |
| 11 | Documentary Evidence as per “MoU or JV arrangement with photovoltaic (PV) cell and module manufacturers” | Yes/No | |
| 12 | Documentary Evidence of affiliation with a parent company | Yes/No | |
| 13 | Any other documents/certificate as specified in tender conditions | Yes /No | |
| 14 | Commissioning/ Experience Certificate(s) meeting Technical Eligibility Criteria as per clause 1.2 | Yes /No | |
| 15 | Power of Attorney to be provided by the Bidding Company/ Joint Venture | Yes/ No | |
| 16 | Declarations as per the formats | Yes /No | |
| 17 | Any other relevant documents | Yes /No | |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Notes:

- A. All the statement copies of the certificates, documents etc. enclosed to the Technical Bid shall be given page numbers on the right corner of each certificate, which will be indicated in column 4 above against each item. The statements furnished shall be in the formats appended to the Tender document.
- B. The information shall be filled in by the Bidder in the checklist, as applicable and shall be enclosed to the Technical Bid for the purposes of verification as well as evaluation of the Bidders' compliance with the qualification criteria as provided in the Tender document.
- C. The Bidder shall sign on all the statements, documents, certificates submitted by him/ her, owning responsibility for their correctness/ authenticity.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format-8
FORMAT FOR JOINT VENTURE AGREEMENT

(ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE TO BE PURCHASED IN THE NAME OF JOINT VENTURE)

PROFORMA OF JOINT VENTURE AGREEMENT AMONG;;FOR
BID SPECIFICATION NOOF NREDCAP.

This joint venture agreement executed on thisday oftwo thousand
andAmong:

1. M/sa company incorporated under the laws of and having its registered office at(hereinafter called the “lead Partner” which expression shall include its successors, executors and permitted assigns);
2. M/s.....a company incorporated under the laws ofand having its registered office at (hereinafter called the “Other Partner (1)” which expression shall include its successors, executors and permitted assigns);
3. {if applicable} M/s.....a company incorporated under the laws ofand having its registered office at (hereinafter called the “Other Partner (2)” which expression shall include its successors, executors and permitted assigns);

Lead Partner and Other Partner(s) are hereinafter individually referred to as a “Partner”/ “Party” and collectively as the "Partners"/"Parties".

The Shareholding in the JV among the Partners shall be as follows:

1. Lead Partner : _____%
2. Other Partner (1) : _____%
3. Other Partner (2) : _____% {if applicable}

WHEREAS:

- A. The Partners intend to jointly participate as a bidder in the tender floated by New and Renewable Energy Development Corporation of Andhra Pradesh with reference no. _____for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar Plants for 1,16,663 SC and ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana.
- B. The Partners wish to formalize their collaboration through this Joint Venture Agreement.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

NOW, THEREFORE, IT IS AGREED AS FOLLOWS:

In consideration of the above premises and agreements all the Partners to this Joint Venture do hereby now agree as follows:

1. We, the Partners of the Joint Venture and Parties to the Agreement do hereby unequivocally agree that (M/s _____), shall act as the Lead Partner as defined in the RFS for self and agent for and on behalf of Partner(s).
2. The Lead Partner is hereby authorized by the Other Partner (s) of the Joint Venture to bind the Joint Venture and receive instructions for and on their behalf.
3. In consideration of the award of the contract to the Joint Venture, we, the parties to the Joint Venture agreement do hereby agree that M/s.....shall act as Lead Partner and further declare and confirm that we shall jointly and severally be bound to the APDISCOM for the successful performance of the contract and shall be fully, responsible for the Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar Plants for 1,16,663 SC and ST Consumers in accordance with the contract.
4. In case of any breach of the said contract by the Lead Partner or Other Partner(s) of the Joint Venture agreement, the parties do hereby agree to be fully responsible for the successful performance of the contract and to carry out all the obligations and responsibilities under the contract in accordance with the requirement of the contract.
5. Further, if the NREDCAP/ APDISCOMs suffers any loss or damage on account of any breach in the contract or any shortfall in the performance of the Equipment/material in meeting the performances guaranteed as per the specification in terms of the Contract, the parties of these presents undertake to promptly make good such loss or damages caused to the APDISCOM, on its demand without any demur. It shall not be necessary or obligatory for the NREDCAP/ APDISCOMs to proceed against Lead partner to these presents before proceeding against or dealing with Other Partner(s).
6. The financial liability of the Parties of this Joint Venture agreement to NREDCAP/ APDISCOMs, with respect to any of the claims arising out of the performance or non-performance of the obligations set forth in the said Joint Venture agreement, read in conjunction with the relevant conditions of the contract shall, however, not be limited in any way so as to restrict or limit the liabilities of any of the Parties of the joint venture agreement.
7. It is expressly understood and agreed to by the Parties to this joint venture agreement that the responsibilities and obligations of each of the Partners shall be as delineated in separate Appendix (To be incorporated suitably by the Partners) to this agreement. It is further agreed by the Partners that the above sharing of responsibilities and obligations shall not in any way be a limitation of joint and several responsibilities of the Parties under this contract.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

8. This Joint Venture agreement shall be construed and interpreted in accordance with the Laws of India and the courts of Amaravathi shall have the exclusive Jurisdiction in all matters arising there under.
9. In case of an award of a contract, we the Parties to the Joint Venture agreement do hereby agree that we shall be jointly and severally responsible for furnishing a Performance Security from a bank (Performance Bank Guarantee) in favour of the APDISCOM in the currency of the contract for the performance of the said contract and the contribution by the Partners to the Performance Security shall be done collectively.
10. It is further agreed to that this Joint Venture agreement shall be irrevocable and shall form an integral part of the contract and shall continue to be enforceable till the APDISCOM discharges the same. It shall be effective from the date first mentioned above for all purposes and intents.

IN WITNESS THERE OF, the parties to this Joint Venture agreement have through their authorized representatives executed these presents and affixed common seals of their companies, on the day, month and year first mentioned above.

| | |
|--|--|
| 1. Common seal of..... has been affixed in my/our presence pursuant to the Board of Director's Resolution dated..... | For Lead Partner (Signature of authorized representative) |
| | Name..... Designation..... Common Seal of the Company |
| Signature..... Name..... Designation..... | |
| 2. Common seal of..... has been affixed in my/our presence pursuant to the Board of Director's Resolution dated..... | For Other Partner(s) (Signature of authorized representative) |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

| | |
|---|---|
| | Name..... Designation..... Common Seal of the Company |
| Signature..... Name..... Designation..... | |

WITNESSES

- | | |
|--|--|
| 1. (Signature) Name..... (Official address) | 2. (Signature) Name..... (Official address) |
|--|--|

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format-9(a)

(On Non-Judicial Stamp Paper of Appropriate value to be purchased in the Name of Bidder)

Power of Attorney to be provided by the Bidding Company in favour of its representative as evidence of authorized signatory's authority.

Know all men by these presents, We (Name and address of the registered office of the Bidding Company as applicable) do hereby constitute, appoint and authorize Mr./Ms. (Name & residential address) who is presently employed with us and holding the position of as our true and lawful attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to submission of our Bid for "Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar Plants for 1,16,663 SC and ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana." in response to the RfS No. dated issued by New and Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP) including signing and submission of the Bid and all other documents related to the Bid, including but not limited to undertakings, letters, certificates, acceptances, clarifications, guarantees or any other document which NREDCAP may require us to submit. The aforesaid Attorney is further authorized for making representations to NREDCAP and providing information / responses to NREDCAP representing us in all matters before NREDCAP and generally dealing with NREDCAP in all matters in connection without Bid till the completion of the bidding process as per the terms of the above mentioned RfS.

We hereby agree to ratify all acts, deeds and things done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall be binding on us and shall always be deemed to have been done by us.

All the terms used herein but not defined shall have the meaning ascribed to such terms under the RfS.

Signed by the within named

..... (Insert the name of the executant company)

through the hand of

Mr.

duly authorized by the Board to issue such Power of Attorney

Dated this day of

Accepted

.....

Signature of Attorney

(Name, designation and address of the Attorney)

Attested

.....

(Signature of the executants)

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

(Name, designation and address of the executants)

.....

Signature and stamp of Notary of the place of execution

Common seal of has been affixed in my/our presence pursuant to Board of Director's Resolution dated.....

WITNESS

1.

(Signature)

Name.....

Designation

2.

(Signature)

Name.....

Designation

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format-9(b)

FORMAT FOR POWER OF ATTORNEY FOR JOINT VENTURE

(On Non-Judicial Stamp Paper of Appropriate value to be purchased in the Name of Bidder)

KNOW ALL MEN BY THESE PRESENTS THAT WE, the Partners whose details are given hereunder.....have formed a Joint Venture under the laws ofand having our Registered Office/Head Office at (thereinafter called the 'Joint Venture' which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns acting through M/s.....being the partner in-charge do hereby constitute, nominate and appoint M/s.....a Company incorporated under the laws ofand having its Registered / Head Office atas our duly constituted lawful Attorney (hereinafter called "Attorney" or "Authorized Representative" or "Partner Incharge") to exercise all or any of the powers for and on behalf of the Joint Venture in regard to specification No..... Package.....the bids for which have been invited by New and Renewable Energy Development Corporation of Andhra Pradesh Limited (NREDCAP) (hereinafter called the "NREDCAP") to undertake the following acts.

- i. To submit proposal and participate in the aforesaid Bid Specification of the NREDCAP on behalf of the "Joint Venture".
- ii. To do any other act or submit any document related to the above.

It is clearly understood that all the Partners shall ensure performance of the Contract and if one or more partner(s) fails to perform their respective portions of the Contract(s), the same shall be deemed to be a default by all the partners.

It is expressly understood that this Power of Attorney shall remain valid, binding and irrevocable till completion of the Warranty Period in terms of the contract.

The Joint Venture hereby agrees and undertakes to ratify and confirm all the acts whatsoever the said Attorney/Authorized Representative quotes in the bid, negotiates and signs the contract with the APDISCOM and / or proposes to act on behalf of the Joint Venture by virtue of this Power of Attorney and the same shall bind the Joint Venture as if done by itself.

IN WITNESS THEREOF the Partners Constituting the Joint Venture as aforesaid have executed these presents on this..... day of under the Common Seal(s) of their Companies.

For and on behalf of the
Partners of Joint Venture
.....

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format - 10

FORMAT OF CERTIFICATE FROM THE STATUTORY AUDITOR FOR ANNUAL TURNOVER AND NET WORTH

(On the letter head of the statutory auditor of the Bidder/each Member of the Joint Venture (as applicable))

| Financial Year | Annual Turn Over in INR | Net Worth in INR |
|--|--------------------------------|-------------------------|
| 2024-25 (If audited financial statements are available) | | |
| 2023-24 | | |
| 2022-23 | | |
| 2021-22 | | |
| 2020-21 | | Not Applicable |
| 2019-20 | | |

(Signature and Name of Authorised Signatory of Bidding Company)

**(Signature and Stamp of CA)
Membership No.
Regn. No. of CA's Firm**

Date: _____

Note:

1. Along with the above format, in a separate sheet on the Letter Head of the Chartered Accountant's Firm, provide details of computation of 'Net Worth' and 'Annual Turnover' duly certified by the Chartered Accountant.
2. Certified copies of 'Balance Sheet', 'Profit and Loss Account', 'Schedules' and 'Cash Flow Statements' are to be enclosed in complete form along with all the 'Notes to Accounts'.

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -11

**COMMITMENT LETTER FROM A SOLAR PV MODULE MANUFACTURER
[On Manufacturer's Letterhead]**

Date:

To:

The Vice Chairman and Managing
Director, 12-464/5/1, River oaks
apartments,
CSR Kalyana mandapam road,
Tadepalli, Andhra Pradesh

Subject: Commitment Letter for Allocation of Suitable Manufacturing Capacity

Dear Sir/Madam,

We,..... [Manufacturer Name], having our registered office at [Address], hereby confirm that we are in a position to allocate and commit suitable manufacturing capacity for the supply of photovoltaic (PV) modules to [Bidder Name and Address], in support of their participation in the tender [Tender Name/Reference Number].

We acknowledge that [Bidder Name] has entered a Joint Venture / Memorandum of Understanding [strike off whichever is not applicable] with us for the purpose of this tender. In the event that the bidder is awarded the project, we commit to providing a total of MW of module capacity from our manufacturing facilities, which currently have manufacturing capacity of [Insert Capacity in MW/year] vide Board Resolution [Dated]. The manufacturing facility must be DCR compliant and listed under the Approved List of Models and Manufacturers (ALMM) as issued by MNRE.

This letter serves as a formal assurance of our support and readiness to fulfill the supply obligations as per the terms mutually agreed upon with the developer, subject to final contract execution.

We understand that this commitment is subject to verification by the tendering authority and agree to provide any additional documentation or clarification as may be required.

Sincerely,

Authorized Signatory Name:

Designation:

Contact Details:

Seal & Signature

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Format -12

FINANCIAL ELIGIBILITY CRITERIA REQUIREMENT

(To be submitted on the Letter Head of the Bidding Company / Lead Partner of Joint Venture)

Ref. No.: _____

Date: _____

From: (insert name and address of Bidding Company / Lead Partner of Joint Venture)

Tel. No.:

Fax No.:

Email Address:

To
The Vice Chairman and Managing Director,
NREDCAP,
12-464/5/1, River Oaks apartments,
CSR Kalyana mandapam road,
Tadepalli, Andhra Pradesh

Sub: Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Setting up of 233.33 MWp Grid Connected Rooftop Solar systems on identified SC-ST residential households in Division/Cluster at APDISCOMs in ULA (CAPEX) mode under PM Surya Ghar Scheme-reg.

Tender Reference: RFS No. NREDCAP/PMSG/SC&ST/7A/2025, Dt.01.12.2025

Dear Sir / Madam,

We certify that the Bidding Company/ Joint Venture is meeting the financial eligibility requirements as per the provisions of the RfS.

I. Net Worth

The Bidder, with the support of its Affiliates, *(strike out if not applicable)* is fulfilling the minimum Net Worth criteria, by demonstrating a Net Worth of INR _____ Crores *(in INR _____ only – words also)* as on _____ *(Insert the last date of Financial Year 2023-24 i.e., 31.03.2024 or Financial Year 2024-25 i.e., 31.03.2025).*

This Net Worth has been calculated in accordance with instructions provided in Clause 1.2.2 (Financial Eligibility Criteria – Net Worth) of the RfS as amended.

Exhibit (i): Applicable in case of Bidding Company

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

For the above calculations, we have considered the Net Worth by Bidding Company and / or its Affiliates(s) as per following details:

| Name of Bidding Company | Name of Affiliate(s) whose Net Worth is to be considered | Relationship with Bidding Company* | Net Worth as on 31.03.2024 or 31.03.2025 (in INR Crore) |
|--------------------------------|---|---|--|
| Company 1 | | | |
| | | | |
| | | | |
| Total | | | |

** The column for “Relationship with Bidding Company” is to be filled only in case the financial capability of Affiliate has been used for meeting qualification requirements.*

Exhibit (ii): Applicable in case Bidder is Joint Venture (to be filled by each Partner of the Joint Venture separately)

Name of Partner: (Insert name of the Partner)

Net Worth requirement to be met by Partners in the Joint Venture Collectively

For the above calculations, we have considered Net Worth by Partner in a Joint Venture and / or its Affiliate(s) as per following details:

| Name of Joint Venture Partner | Name of Affiliate(s) whose Net Worth is to be considered | Relationship with Bidding Company* (if any) | Equity Commitment (in %) in Joint Venture | Net Worth as on 31.03.2024 or 31.03.2025 (in INR Crore) |
|--------------------------------------|---|--|--|--|
| Company 1 | | | | |
| | | | | |
| | | | | |
| | | Total | | |

** The column for “Relationship with Partner” is to be filled only in case the financial capability of Affiliate has been used for meeting Qualification Requirements.*

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

II. Average Annual Turnover

We certify that the Bidding Company, with the support of its Affiliates, (*strike out if not applicable*) is fulfilling the Average Annual Turnover criterion, by demonstrating an Average Annual Turnover of INR _ only (*in INR _____ only - in words also*) as on _____ (at least 3 of the last 5 Financial Years from FY 2019-20 to the last date of Financial Year 2023-24 or from FY 2020-21 to the last date of Financial Year 2024-25 in case audited financials are available for Financial Year 2024-25).

Exhibit (i): Applicable in case of Bidding Company

For the above calculations, we have considered the Annual Turnover by Bidding Company and/ or its Affiliate(s) as per the following details:

| Name of Bidding Company | Name of Affiliate(s) whose Average Annual Turnover is to be considered | Relationship with Bidding Company* | Average Annual Turnover (in INR Crore) # |
|--------------------------------|---|---|---|
| Company 1 | | | |
| | | | |
| | | | |
| Total | | | |

** The column for "Relationship with Bidding Company" is to be filled only in case the financial capability of Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by a practicing company secretary / Chartered Accountant is required to be attached with the format.*

Mention the average of any 3 Financial Years of the last 5 Financial Years that have been considered for arriving at Average Annual Turnover.

Exhibit (ii): Applicable in case of Joint Venture (to be filled by each Party in a Joint Venture separately)

Name of Party: (*Insert name of the Partner*)

Average Annual Turnover Requirement to be met by the Joint venture Members collectively

For the above calculations, we have considered Average Annual Turnover by Partner in Joint Venture and / or its Affiliate(s) as per following details:

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

| Name of Partner | Name of Affiliate(s) whose Average Annual Turnover is to be considered | Relationship with Partner* (If any) | Equity Commitment (in %) in Joint venture | Average Annual Turnover (in INR Crore) # |
|------------------------|---|--|--|---|
| Company 1 | | | | |
| | | | | |
| Total | | | | |

** The column for “Relationship with Partner” is to be filled only in case the financial capability of Affiliate has been used for meeting Qualification Requirements. Further, documentary evidence to establish the relationship, duly certified by a practicing company secretary / Chartered Accountant is required to be attached with the format.*

Mention the average of 3 Financial Years of the last 5 Financial Years that have been considered for arriving at Average Annual Turnover.

(Signature and Name of Authorised Signatory)

Date: _____

Note:

- (i) Along with the above format, in a separate sheet on the Letter Head of the Chartered Accountant’s Firm, provide details of computation of ‘Net Worth’ and ‘Annual Turnover’ duly certified by the Chartered Accountant.
- (ii) Certified copies of ‘Balance Sheet’, ‘Profit and Loss Account’, ‘Schedules’ and ‘Cash Flow Statements’ are to be enclosed in complete form along with all the ‘Notes to Accounts’.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

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Format-13

**Bidder's Experience
(To be submitted in letter head of the bidding company)**

Ref. No. _____

Date: _____

From: *(insert name and address of Bidding Company / Lead Partner of Joint Venture)*

Tel. No.:

Fax No.:

Email Address:

To

The Vice Chairman and Managing Director,
NREDCAP,
12-464/5/1, River Oaks apartments,
CSR Kalyana mandapam road,
Tadepalli, Andhra Pradesh

Sub: Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Setting up of 233.33 MWp Grid Connected Rooftop Solar systems on identified SC-ST residential households in Division/Cluster at APDISCOMs in ULA (CAPEX) mode under PM Surya Ghar Scheme-reg.

Dear Sir/Madam

Please find the below exhibit that represents our experience in Design, Engineering, Supply, Installation, Testing & Commissioning, Operation and Maintenance of Solar PV Power Projects/ Solar Pump Projects as per clause 1.2.2 in the last 5 years. We are submitting bid for a cumulative capacity of _____ MWp under General Category and _____ MWp under Local Category.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Exhibit: Experience in execution of Solar PV Power Projects/ Solar Pump Projects :

| Sl. No. | Description of services | LOA / WO No. and Date | Full Postal Address & Phone Nos. of Client. | Capacity of Solar PV Power Projects/ Solar Pump Projects in kWp | Date of commencement of services | Scheduled completion time (in months) | Date of actual completion | Reasons for delay in execution if any |
|----------------|--------------------------------|------------------------------|--|--|---|--|----------------------------------|--|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total | | | | | | | | |

Signature of the authorized person:

Name of the authorized person:

Designation:

Date:

Stamp of Bidder:

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

ANNEXURE A

**Undertaking/Self- Declaration for domestic content requirement fulfilment
(On a Company Letter Head)**

1. This is to certify that M/S..... [Company Name] has installed kW [Capacity] Grid Connected Rooftop Solar Plant for [Consumer Name] at [Address] under sanction number dated [sanction date] issued by [DISCOM Name].

2. It is hereby undertaken that the PV modules installed for the above-mentioned project fulfil the Domestic Content Requirement condition i.e., domestically manufactured modules manufactured from domestically manufactured cells. The details of installed PV Modules are follows:

- i. PV Module Capacity:
- ii. Number of PV Modules:
- iii. Sr No of PV Module
- iv. PV Module Make:
- v. Purchase Order Number:
- vi. Purchase Order Date:
- vii. Cell manufacturer's name
- viii. Cell GST invoice No

3. The above undertaking is based on the certificate issued by PV Module manufacturer/supplier while supplying the above-mentioned order, adhering to the Domestic Content Requirement condition.

4. I, on behalf of M/s [Company Name] further declare that the information given above is true and correct and nothing has been concealed therein. If anything is found incorrect at any stage, then the due Central Financial Assistance (CFA) that I have not charged from the consumer can be withheld and appropriate action may be taken against me and my company for wrong declaration. Supporting documents and proof of the above information will be provided as and when requested by NREDCAP/DISCOM.

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

(Signature With official Seal)

For M/S.....

Name:

Designation:

Phone:

Email:

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

ANNEXURE B

Quality Certification, Standards and Testing for Grid-connected Rooftop Solar Systems/Plants

Quality certification and standards for grid-connected Rooftop Solar system are essential for the successful mass-scale implementation of this technology. It is also imperative to put in place an efficient and rigorous monitoring mechanism, adherence to these standards. Hence, all components of grid-connected Rooftop Solar system/ plant must conform to the relevant standards and certifications given below:

| Quality Certification, Standards and Testing for Grid Connected Rooftop Solar PV Systems/ Power Plants | |
|---|---|
| Solar PV Modules/Panels | |
| IEC 61215/ IS 14286 | Design Qualification and Type Approval for Crystalline Silicon Terrestrial Photovoltaic (PV) Modules |
| IS / IEC 61701 | Salt Mist Corrosion Testing of Photovoltaic (PV) Modules |
| IEC 61853 - 1/ IS 16170 - 1 | Photovoltaic (PV) module performance testing and energy rating: Irradiance and temperature performance measurements, and power rating |
| IEC 62716 / IS 16664 | Photovoltaic (PV) Modules – Ammonia (NH ₃) Corrosion Testing (As per the site condition like dairies, toilets) |
| IS 16077 : 2013 / IEC 616646 : 2008 | Thin – Film terrestrial Photovoltaic (PV) modules – Design qualification and type approval |
| IS / IEC 61730 - 1, 2 | Photovoltaic (PV) Module Safety Qualification–Part - 1: Requirements for Construction, Part - 2: Requirements for Testing including |
| IS 17210 (part 1) or IEC TS 62804 - 1 | Photovoltaic (PV) modules - Test method for detection of potential-induced degradation. IEC 62804-1: Part - 1: Crystalline silicon |
| Solar PV Inverters | |
| IEC 62109 or IS : 16221 | Safety of power converters for use in photovoltaic power systems – Part - 1: General requirements, and Safety of power converters for use in photovoltaic power systems Part - 2: Particular requirements for inverters. Safety compliance |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

| Quality Certification, Standards and Testing for Grid Connected Rooftop Solar PV Systems/ Power Plants | |
|---|---|
| | (Protection degree IP 65 for outdoor mounting, IP 54f or indoor mounting) |
| IEC 61000 | All inverters/PCUs shall be IEC 61000 compliant for electromagnetic compatibility, harmonics, Surge, etc. Harmonic current injections from a generating station shall not exceed the limits specified in the Institute of Electrical and Electronic Engineers (IEEE) Standard 519 |
| IS / IEC 61683 (As applicable) | Photovoltaic Systems – Power conditioners: Procedure for Measuring Efficiency (10%, 25%,50%, 75% & 90-100% Loading Conditions) |
| IEC 60068 - 2 / IEC 62093 (As applicable) | Environmental Testing of PV System – Power Conditioners and Inverters |
| IEC 62116:2014 IS 16169 | Utility-interconnected Photovoltaic inverters – Test procedure of islanding prevention measures |
| BS EN 50530 (As applicable) | Overall efficiency of grid-connected photovoltaic inverters: This European Standard provides a procedure for the measurement of the accuracy of the maximum power point tracking (MPPT) of inverters, which are used in grid- connected photovoltaic systems. In that case the inverter energizes a low voltage grid of stable AC voltage and constant frequency. Both the static and dynamic MPPT efficiency is considered. |
| IEC 62116/ UL 1741/ IEEE 1547 (As applicable) | Utility-interconnected Photovoltaic Inverters - Test Procedure of Islanding Prevention Measures |
| IEC 61000 – 2,3,4,5,6 (As applicable) | Electromagnetic Interference (EMI) and Electromagnetic Compatibility (EMC) testing of PV Inverters |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

| Quality Certification, Standards and Testing for Grid Connected Rooftop Solar PV Systems/ Power Plants | |
|---|---|
| Fuse | |
| IS / IEC 60947 (Part 1, 2 & 3), EN 50521 | General safety requirements for connectors, switches, circuit breakers (AC/DC): a) Low-voltage Switchgear and Control-gear, Part 1: General rules b) Low-Voltage Switchgear and Control-gear, Part 2: Circuit Breakers c) Low-voltage switchgear and Control-gear, Part 3: Switches, disconnectors, switch-disconnectors, and fuse-combination units d) EN 50521: Connectors for photovoltaic systems – Safety requirements and tests |
| IS / IEC 60269-6 | Low-voltage fuses - Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems |
| Solar PV Roof Mounting Structure | |
| IS 2062 / IS 4759 | Material for the structure mounting |
| Surge Arrestors | |
| IEC 62305-4 | Lightening Protection Standard, CEA safety regulations |
| BFC 17-102:2011 / NFC 102:2011 / IEC 62305 | Lightening Protection Standard |
| IEC 60364-5-53 / IS 15086-5 (SPD) IEC 61643 – 11:2011 | Electrical installations of buildings - Part 5-53: Selection and erection of electrical equipment - isolation, switching and control Low-voltage surge protective devices – Part 11: Surge protective devices connected to low-voltage power systems – Requirements and test methods |
| Cables | |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

| Quality Certification, Standards and Testing for Grid Connected Rooftop Solar PV Systems/ Power Plants | |
|---|--|
| IEC 60227 / IS 694, IEC 60502 / IS 1554 (Part 1 & 2) / IEC 69947 (as applicable) | General test and measuring method for PVC (Polyvinyl chloride) insulated cables (for working voltages up to and including 1100 V, and resistant for outdoor installation) |
| IS 17293:202 | Electric Cables for Photovoltaic Systems for Rated Voltage 1500 V DC |
| Junction Boxes | |
| IEC 60529 | Junction boxes and solar panel terminal boxes shall be of the thermo-plastic type with IP 65 or better protection for outdoor use, and IP 54 or better protection for indoor use |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

ANNEXURE C

Details of Division/ Cluster wise identified households for setting up of Grid Connected Rooftop Solar Systems

DISCOM name: APSPDCL

Divisions under General Category – APSPDCL

| Sl. No. | Project No. | Circle | Division | No. of SC and ST Consumer households proposed by DISCOM | Roof Top Solar Capacity (MWp) | CUF (%) | Annual Generation from RTS (MU) |
|----------------|--------------------|---------------|-----------------|--|--------------------------------------|----------------|--|
| 1 | SP1 | Nellore | Atmakur | 5,577 | 11.15 | 16.70% | 16.31 |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Clusters under Local Category – APSPDCL

| Sl. No. | Project No. | Circle | Division | Cluster | No. of SC and ST Consumer households proposed by DISCOM | Roof Top Solar Capacity (MWp) | CUF (%) | Annual Generation from RTS (MU) |
|--------------|-------------|----------------|-------------|------------|---|-------------------------------|---------|---------------------------------|
| 1 | SP26A | Annamayya | Madanapalle | MPL OSD 1 | 558 | 1.12 | 17.50% | 1.72 |
| 2 | SP26B | Annamayya | Madanapalle | MPL OSD 2 | 911 | 1.82 | 17.50% | 2.79 |
| 3 | SP26C | Annamayya | Madanapalle | MPL RSD 1 | 551 | 1.10 | 17.50% | 1.69 |
| 4 | SP26D | Annamayya | Madanapalle | MPL RSD 2 | 640 | 1.28 | 17.50% | 1.96 |
| 5 | SP26E | Annamayya | Madanapalle | MPL MKC 1 | 777 | 1.55 | 17.50% | 2.38 |
| 6 | SP26F | Annamayya | Madanapalle | MPL MKC 2 | 645 | 1.29 | 17.50% | 1.98 |
| 7 | SP27A | Annamayya | Piler | PLR CCO 1 | 803 | 1.61 | 16.90% | 2.38 |
| 8 | SP27B | Annamayya | Piler | PLR KLKR 1 | 698 | 1.40 | 16.90% | 2.07 |
| 9 | SP27C | Annamayya | Piler | PLR KLKR 2 | 796 | 1.59 | 16.90% | 2.35 |
| 10 | SP28A | Annamayya | Rajampet | RJP KDR 1 | 598 | 1.20 | 16.60% | 1.74 |
| 11 | SP28B | Annamayya | Rajampet | RJP KDR 2 | 1,019 | 2.04 | 16.60% | 2.97 |
| 12 | SP28C | Annamayya | Rajampet | RJP CTV 1 | 951 | 1.90 | 16.60% | 2.76 |
| 13 | SP28D | Annamayya | Rajampet | RJP CTV 2 | 760 | 1.52 | 16.60% | 2.21 |
| 14 | SP28E | Annamayya | Rajampet | RJP RJP 1 | 593 | 1.19 | 16.60% | 1.73 |
| 15 | SP28F | Annamayya | Rajampet | RJP RJP 2 | 813 | 1.63 | 16.60% | 2.37 |
| 16 | SP30A | Kadapa | Pulivendula | PVL OSD 1 | 996 | 1.99 | 17.80% | 3.1 |
| 17 | SP30B | Kadapa | Pulivendula | PVL RSD 1 | 501 | 1.00 | 17.80% | 1.56 |
| 18 | SP30C | Kadapa | Pulivendula | PVL VPL 1 | 550 | 1.10 | 17.80% | 1.72 |
| 19 | SP30D | Kadapa | Pulivendula | PVL VPL 2 | 540 | 1.08 | 17.80% | 1.68 |
| 20 | SP32A | Sri Sathya Sai | Puttaparthi | PTP CKP 1 | 908 | 1.82 | 17.50% | 2.79 |
| 21 | SP32B | Sri Sathya Sai | Puttaparthi | PTP DVM 1 | 627 | 1.25 | 17.50% | 1.92 |
| 22 | SP32C | Sri Sathya Sai | Puttaparthi | PTP DVM 2 | 617 | 1.23 | 17.50% | 1.89 |
| 23 | SP32D | Sri Sathya Sai | Puttaparthi | PTP PTP 1 | 656 | 1.31 | 17.50% | 2.01 |
| 24 | SP32E | Sri Sathya Sai | Puttaparthi | PTP PTP 2 | 712 | 1.42 | 17.50% | 2.18 |
| 25 | SP32F | Sri Sathya Sai | Puttaparthi | PTP PTP 3 | 518 | 1.04 | 17.50% | 1.59 |
| Total | | | | | 17,738 | 35.48 | | 53.54 |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

DISCOM Name: APCPDCL

Divisions under General Category – APCPDCL

| Sl.No. | Project No. | Circle | Division | No. of SC and ST Consumer households proposed by DISCOM | Roof Top Solar Capacity (MWp) | CUF (%) | Annual Generation from RTS (MU) |
|---------------|--------------------|---------------|-----------------|--|--------------------------------------|----------------|--|
| 1 | CP14 | Bapatla | Bapatla | 8,288 | 16.58 | 16.70% | 24.26 |
| 2 | CP15 | Bapatla | Chirala | 8,240 | 16.48 | 16.90% | 24.4 |
| 3 | CP16 | Prakasam | Darsi | 6,197 | 12.39 | 17.80% | 19.32 |
| 4 | CP19 | Prakasam | Ongole | 10,884 | 21.77 | 17.30% | 32.99 |
| Total | | | | 33,609 | 67.22 | | 100.97 |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

DISCOM Name: APEPDCL

Divisions under General Category – APEPDCL

| Sl. No. | Project No. | Circle | Division | No. of SC and ST Consumer households proposed by DISCOM | Roof Top Solar Capacity (MWp) | CUF (%) | Annual Generation from RTS (MU) |
|----------------|--------------------|-----------------------------|-----------------|--|--------------------------------------|----------------|--|
| 1 | EP4A | Dr. B.R. Ambedkar Konaseema | Amalapuram1 | 9,000 | 18.00 | 17.00% | 26.81 |
| 2 | EP4B | Dr. B.R. Ambedkar Konaseema | Amalapuram2 | 8,500 | 17.00 | 17.00% | 25.32 |
| 3 | EP9 | Eluru | Jangareddygudem | 13,538 | 27.08 | 17.00% | 40.33 |
| 4 | EP11 | Kakinada | Kakinada | 5,133 | 10.27 | 17.00% | 15.29 |
| 5 | EP17 | West Godavari | Narsapuram | 10,471 | 20.94 | 17.00% | 31.18 |
| Total | | | | 46,642 | 93.29 | | 138.93 |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Clusters under Local Category – APEPDCL

| Sl. No. | Project No. | Circle | Division | Cluster | No. of SC and ST Consumer households proposed by DISCOM | Roof Top Solar Capacity (MWp) | CUF (%) | Annual Generation from RTS (MU) |
|----------------|--------------------|---------------|----------------------|-----------------------|--|--------------------------------------|----------------|--|
| 1 | EP3B | Anakapalli | Narsipatnam | Narsipatnam 1 | 1,595 | 3.19 | 17.00% | 4.75 |
| 2 | EP23B | Srikakulam | Srikakulam | Srikakulam 1 | 1,500 | 3.00 | 17.00% | 4.47 |
| 3 | EP23C | Srikakulam | Srikakulam | Srikakulam 2 | 1,500 | 3.00 | 17.00% | 4.47 |
| 4 | EP20A | Anakapalli | Kasimkota | Kasimkota1 | 692 | 1.38 | 17.50% | 2.12 |
| 5 | EP20B | Anakapalli | Kasimkota | Kasimkota2 | 663 | 1.33 | 17.50% | 2.04 |
| 6 | EP20C | Anakapalli | Kasimkota | Kasimkota3 | 528 | 1.06 | 17.50% | 1.62 |
| 7 | EP20D | Anakapalli | Kasimkota | Kasimkota4 | 552 | 1.10 | 17.50% | 1.69 |
| 8 | EP26A | Visakhapatnam | Visakhapatnam Zone-3 | Visakhapatnam Zone-3A | 636 | 1.27 | 17.00% | 1.89 |
| 9 | EP26B | Visakhapatnam | Visakhapatnam Zone-3 | Visakhapatnam Zone-3B | 594 | 1.19 | 17.00% | 1.77 |
| 10 | EP26C | Visakhapatnam | Visakhapatnam Zone-3 | Visakhapatnam Zone-3C | 500 | 1.00 | 17.00% | 1.49 |
| 11 | EP27B | Vizianagaram | Bobbili | Bobbili 2 | 1,466 | 2.93 | 16.50% | 4.24 |
| 12 | EP29A | Vizianagaram | Vizianagaram Town | Vizianagaram Town1 | 1,538 | 3.08 | 17.00% | 4.59 |
| 13 | EP29B | Vizianagaram | Vizianagaram Town | Vizianagaram Town2 | 1,333 | 2.66 | 17.00% | 3.96 |
| Total | | | | | 11,502 | 26.19 | | 34.35 |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

Summary:

| DISCOM | Category | No of Divisions/ Clusters | No. of Consumers | Roof Top Solar Capacity (MWp) |
|----------------------|----------------------------|--------------------------------------|-----------------------------|--|
| APSPDCL | General Category Divisions | 1 | 5,577 | 11.15 |
| | Local Category Clusters | 25 | 17,738 | 35.48 |
| | Total | 26 | 23,315 | 46.63 |
| APCPDCL | General Category Divisions | 4 | 33,609 | 67.22 |
| | Local Category Clusters | 0 | 0 | 0 |
| | Total | 4 | 33,609 | 67.22 |
| APEPDCL | General Category Divisions | 5 | 46,642 | 93.29 |
| | Local Category Clusters | 13 | 13,097 | 26.19 |
| | Total | 18 | 59,739 | 119.48 |
| All Discoms Combined | General Category Divisions | 10 | 85,828 | 171.66 |
| | Local Category Clusters | 38 | 30,835 | 61.67 |
| | Total | 48 | 116,663 | 233.33 |

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

Tender Reference No: NREDCAP/PMSG/SC&ST/7A/2025

ANNEXURE D

**Bidder preference order for Divisions/ Clusters
(On Company Letter Head)**

I hereby certify that I am submitting my bid(s) for the work outlined in TENDER NOTICE NO: RfS No. NREDCAP/PMSG/SC&ST/7A/2025, Dated 01.12.2025 and below is the order of my preference for allotment of Divisions/ Clusters, with Serial No. 1 indicating my highest preference, followed by others in descending order of priority.

| Serial No. | Project No. | Division/ Cluster |
|------------|-------------|-------------------|
| 1 | | |
| 2 | | |
| | | |

[Insert rows as per the number of Divisions/ Clusters bid by the Bidder]

(Signature of Authorised Person with official Seal)

Name of Authorised Person.....

Designation:.....

Phone:.....

Email:.....

Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 233.33 MWp Grid Connected Rooftop Solar (RTS) Plants for 1,16,663 SC & ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

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ANNEXURE E¹

Information Checklist for Solar Rooftop Installations

Note: Information checklist shall be filled out and submitted for each solar rooftop/ground mounted site by the aggregator/ EPC contractor on behalf of sub-borrower, for both standalone and aggregated installations, as may be applicable.

If ground mounted provide boundary map of the premises and siting of PV within it, in all cases photos of buildings and sites to be attached to the checklist.

A. Sub-borrower and aggregator (EPC Contractor)/ Individual Roof Owner Information

| | |
|---|--|
| Type of Solar Rooftop Installation: | Aggregator/Individual (standalone) (✓ whichever is applicable) |
| Name of Sub-borrower | |
| Name of aggregator/ EPC Contractor or Individual Roof owner (in case of standalone cases) | |
| Name of person filling checklist for aggregator/ EPC Contractor with contact details (mobile and email) | |
| Address of Solar Rooftop/Ground mounted Installation Site | |

B. Sub-project Information

| Particulars | Response |
|---|---|
| Roof/ Plot Area for panel installation (sqm) | Roof area: sqm Land area for ground mount ¹ , if applicable: sqm Total area: sqm |
| Solar panel installations within premises include Note: Asbestos materials shall not be used for any of the activities under the Project. No installations will be on rooftops identified as containing asbestos due to the risks posed to the installers. Its presence or absence in the rooftop will be confirmed by a competent asbestos surveyor of the EPC contractor. | Only rooftop Combination of both rooftop and ground mount Only Ground mount within the premises Sloping roof, if any (mention type of roofing material RCC/GI sheet /Tiles/Others) |
| Installed capacities (kW) | Rooftop (including sloping roof) kW Ground Mount.....kW Total Capacity (kW) |
| Geographical/GPS Coordinates of Installation Site | Latitude: Longitude: |

¹ Please provide boundary map of the premises indicating the location of solar photo voltaic panels

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| | |
|--|-----------|
| State whether the roof has safe access and if the roof owner has been informed about the consent for the installation of solar panels without compromising on other utility requirements of the roof like overhead tank, circulation area etc. | Yes No |
| State if water for cleaning of solar panels is available on a weekly basis (approx. 10 litres/ cleaning cycle per KW) | Yes No |
| State whether a toilet facility is available for the workforce at the time of installation of panels. | Yes No |

Undertaking: I/ we hereby declare and affirm that the information furnished above is true and correct to the best of my/ our knowledge and belief and no material has been concealed therein.

Name:

Contact No.:

Email:

Date:

Place:

Aggregator/ EPC Contractor of Sub-borrow

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ANNEXURE F²

NABARD's Prohibited Investment Activities List

The following do not qualify for NABARD's financing:

- Production or activities involving harmful or exploitative forms of forced labor³ or child labor⁴.
- Production or trade in any product or activity deemed illegal under host country laws or regulations or international conventions and agreements or subject to international phaseouts or bans, such as:
 - pharmaceuticals⁵, pesticides and herbicides⁶, (b) Ozone-depleting substances⁷, (c) Polychlorinated biphenyls⁸ and other hazardous chemicals⁹, (d) Wildlife or wildlife products regulated under the Convention on International Trade in Endangered Species of Wild Fauna and Flora¹⁰, (e) Transboundary trade in waste or waste products.¹¹
- Production or trade in weapons and munitions, including paramilitary materials.
- Production or trade in alcoholic beverages, excluding beer and wine.
- Production or trade in tobacco.¹²
- Gambling, casinos, and equivalent enterprises.¹³
- Production or trade in radioactive materials¹⁴, including nuclear reactors and components thereof.
- Production or trade in unbonded asbestos fibers.¹⁵
- Commercial logging operations or the purchase of logging equipment for use in primary tropical moist forests or old-growth forests.
- Marine and coastal fishing practices such as large-scale pelagic drift net fishing and fine mesh net fishing harmful to vulnerable protected species in large numbers damaging to marine biodiversity habitats.

² Note: NABARD's prohibited list of activities is extracted from the Environmental and Social Management System (ESMS) of NABARD which has been disclosed by NABARD in public domain and can be viewed using the [link](#)

³ Forced labor means all work or services not voluntarily performed, that is, extracted from individuals under threat of force or penalty.

⁴ Child labor means the employment of children whose age is below the host country's statutory minimum age of employment or employment of children in contravention of International Labor Organization Convention No. 138 "Minimum Age Convention" (www.ilo.org).

⁵ A list of pharmaceutical products subject to phaseouts or bans is available at <http://www.who.int>

⁶ A list of pesticides and herbicides subject to phaseouts or bans is available at <http://www.pic.int>

⁷ A list of the chemical compounds that react with the ozone layer and are subject to phaseout is available at <http://www.unep.org/ozone>

⁸ Polychlorinated biphenyls are likely to be found in oil-filled electrical transformers, capacitors, and switchgear dating from 1950 to 1985.

⁹ A list of hazardous chemicals is available at <http://www.pic.int>

¹⁰ For projects involving investments in wildlife and related products, a comprehensive list is available from the CITES Secretariat: [Front | CITES](#)

¹¹ This does not apply to project sponsors who are not substantially involved in these activities; "Not substantially involved" means that the activity concerned is ancillary to a project sponsor's primary operations.

¹² This does not apply to project sponsors who are not substantially involved in these activities; "Not substantially involved" means that the activity concerned is ancillary to a project sponsor's primary operations.

¹³ This does not apply to project sponsors who are not substantially involved in these activities; "Not substantially involved" means that the activity concerned is ancillary to a project sponsor's primary operations.

¹⁴ This does not apply where the radioactive source materials are (a) low activity and (b) for medical equipment use, quality control (measurement) equipment, and any other equipment where the radioactive source could reasonably be considered incidental for such use.

¹⁵ This does not apply to purchase and use of bonded asbestos cement sheeting where asbestos content is less than 20%.

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ANNEXURE G¹⁶

Environmental and Safeguards Checklist

Environmental Safeguard Checklist

| S.No. | Parameter | Response |
|--------------|---|--|
| 1 | Is the solar rooftop installation site area adjacent (within 1000 meter or 10km for legally protected areas) to or within any of the following environmentally sensitive areas: (Please provide the approximate distance from the proposed site): (i) Located in or near a legally protected area; (ii) Located in or near special habitats for biodiversity (critical or natural habitats, key biodiversity areas, important bird areas etc.); (iii) Wetland; (iv) Mangrove; (v) Estuarine; (vi) Offshore (marine) | No/ Yes (if yes, state the name and type of such areas along with the aerial distance of the installation site) |
| 2 | Is the solar rooftop installation site within or near (within 300 meters) any of the archeological/ historical monuments protected under the Ancient Monuments and Archeological and Remains Act, 1958 | No/ Yes (if yes, state the name of the monument along with the aerial distance of the installation site to such monument) |
| 3 | Confirm whether installation requires forest clearance for any sub- projects. | No/ Yes (if yes, state whether required permissions are available along with compliances thereof) |
| 4 | Confirm whether installation requires tree cutting/ pruning/ lopping to avoid shade area. | No/ Yes (if yes, state whether required permissions are available along with compliances thereof) |
| 5 | Confirm whether the ground mount component of solar rooftop installation requires any clearance of vegetation/ bushes, etc. | No/ Yes (if yes, state area for clearance and type of vegetation) |

¹⁶ Note: Environment, Health and Safety safeguard checklist is extracted from the Environmental and Social Management System (ESMS) of NABARD which has been disclosed by NABARD in public domain and can be viewed using the [link](#).

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| S.No. | Parameter | Response |
|--------------|---|-----------------|
| 6 | Potential Environmental Impacts Will the sub-projects cause <ul style="list-style-type: none"> • Land disturbance and land use impacts especially due to diversion of productive lands? • Disturbance to heritage buildings? • Noise, vibration, and dust from construction activities? • Aesthetic degradation and property value loss due to the establishment of plant and ancillary facilities? • Soil/water contamination due to use of hazardous materials or disposal of broken or damaged solar cells (photovoltaic technologies contain lesser amounts of cadmium, selenium, and arsenic) during installation, operation, and decommissioning? • Noise disturbance during operation due to the proximity of settlements or other features? • Risks to community health and safety due to the transport, storage, and use and/or disposal of materials and wastes such as explosives, fuel and other chemicals during construction, and operation? • Community safety risks due to both accidental and natural causes, especially where the structural elements or components of the Project are accessible to members of the affected community or where their failure could result in injury to the community throughout project construction, operation, and decommissioning? | No/ Yes |

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Environment Health and Safety due diligence of Sub-project

| S.No | EHS Management Indicators | Due Diligence by Aggregator/ EPC Contractor (Guidance for Compliance) |
|------|--|--|
| 1 | State the present condition of existing building's roof required for solar rooftop/ground mounted installation <ul style="list-style-type: none"> • structural safety • leakages and/or cracks • adequacy of roof drainage, • condition and adequacy of parapet wall (minimum 900 mm height parapet is desirable from safety concerns) | Yes/ NO (If yes, submit a Certificate from an approved Chartered Engineer /Structural Engineer/ Architect for its suitability requirements, if building is more than 15 years old. In case of any inadequacies, the same is to be rectified by the owner prior to first disbursement of loan or commissioning of solar rooftop/ground mounted installation, whichever is earlier. If NO, state time limit for submitting the required certificate (not later than first disbursal of the loan) |
| 2 | State availability of water for periodic washing solar panels, without affecting other users either on sharing or through dedicated arrangements (approx. 10 Liters/ cleaning cycle per kW) | Yes/ NO. (Submit commitment letter from land/ building owner regarding water availability for weekly cleaning cycle. If not, state arrangements should be made for ensuring the availability of water for each cleaning cycle.) |
| 3 | State whether labour license and workmen insurance has been obtained by the aggregator/ EPC contractor | Yes/ NO. (Provide supporting documents; copy of labour license and workmen insurance) |
| 4 | State arrangement agreed upon with manufacturer to take back <ul style="list-style-type: none"> • damaged/discarded panels • disused/worn out batteries etc. | Yes/ NO. (If yes, state tenure up to which take back arrangements are agreed upon. If NO, EPC contractor to ensure that 'All such damaged/ discarded panels and disused batteries are stored and disposed as per Hazardous and other waste (management and transboundary movement) Act and Rules, 2016) |
| 5 | State whether earthing of all plant and equipment has been made and tested by an approved agency as per latest Indian Electricity Act, 1956. | Yes/ NO. (If yes, furnish certificate from Competent Authorities approval for safe installation, prior to COD (Commercial Operations Date) of solar rooftop/ground mounted installation.) |

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| | | |
|----------|--|---|
| 6 | State whether all workforces are adequately trained and experienced in solar rooftop/ground mounted installation and maintenance | Yes/ NO. (If not, ensure only trained and experienced workforce are deployed at solar rooftop/ground mounted installation site. All workforces are to be led by experienced supervisor, who shall have daily 'toolbox talk' prior to start of work and ensure all workforce is oriented about safety procedure at work) |
| 7 | State whether all safety provisions like provision of rubber mats, electric shock chart, first aid box, fire extinguishers to handle all types of fire (ABC type of required capacity), sand buckets etc. are provided/installed at appropriate locations at solar | Yes/ NO. (Provide details of safety provision provided during the solar rooftop/ground mounted installation.) |

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| S.No | EHS Management Indicators | Due Diligence by Aggregator/ EPC Contractor (Guidance for Compliance) |
|------|--|---|
| | rooftop/ground mounted installation site | |
| 8 | State whether safety gear like boots, hard hats (helmets), gloves, safety harness/ belts for working at heights are provided for workforce during installation and maintenance of solar rooftop/ ground mounted installation | Yes/ NO. (If not, ensure all such required safety gear is mandatorily provided to all work force deployed on site to ensure safety of personnel at work. <ul style="list-style-type: none"> • All personnel involved in material lifting operations shall be provided with safety gear like shoes, hard hats, gloves etc. • Safety belts/harness shall be mandatorily provided for workforce working at height. • Awareness shall be created amongst workforce about safety and strict adherence to wear safety gear at work shall be enforced) |
| 9 | State whether basic training in first aid and firefighting to all personnel deployed for Erection, Operation Phases are included in solar rooftop/ground mounted installation proposal | Yes/ No. (If not, ensure all O&M personnel undergo a basic training in first aid and firefighting as part of their induction, training, prior to their deployment for installation and maintenance phases of solar rooftop/ground mounted installation) |
| 10 | State whether all workforce (unskilled, semi-skilled and skilled) deployed for Installation / O&M are paid at minimum wages as per applicable Wages Act | Yes/ No. (If not, ensure all work force are mandatorily disbursed as per the applicable Wages Act.) |
| 11 | State whether equal wages are ensured for both men and women workforce (unskilled, semi-skilled and skilled) deployed for Installation / O&M are paid as per applicable Equal Remuneration Act and Rules, 1976 | Yes/ No. (If not, ensure equal wages are mandatorily disbursed for all men and women workforce deployed for installation and maintenance phases.) |
| 12 | State whether all personnel deployed for Installation / O&M are adequately covered under workers compensation insurance policy, EPF Act, Gratuity Act etc. as applicable/relevant | Yes/ No. (If not, ensure all personnel deployed for installation and maintenance phases of solar rooftop/ground mounted installation are mandatorily covered under workers compensation insurance policy. Please also ensure that the requisite labour license is obtained by the EPC contractor during construction and O&M periods) |

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Declaration-Undertaking:

- I/ we hereby declare and affirm that the information furnished above is true and correct to the best of my/ our knowledge and belief and no material has been concealed therein/mis-stated.
- I/we shall accept all contractual liabilities as may be initiated against us arising in relation to misstatement/ concealment and or mismanagement of the information furnished above.

Name:

Contact No.:

Email:

Date:

Place:

Aggregator/ EPC Contractor of Sub-borrower

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ANNEXURE H¹⁷

Social Safeguards checklist

Social Parameters

| Sl. No. | Parameter | Response |
|----------------|---|--|
| 1. | Confirm the willingness of owner for solar rooftop installation | Yes/ No (state reason viz. not interested in govt. scheme or any other reason) |
| 2. | Confirm ownership status of site/ plot | Govt. owned/ Individual owned (tick whichever is applicable) |
| 3. | Confirm whether solar rooftop installation is being carried out within the legally owned premises | Yes/ No |
| 4. | Confirm whether NOC/ permission from concerned authority has been obtained. | No/ not applicable/ Yes (if yes, provide information on extent of land required and present users if any and provide copy of NOC/ permission) |

Indigenous Peoples Screening

| Sl. No. | Parameter | Response |
|----------------|--|--|
| 1. | State whether roof/ landowner belongs to General/ST Category (Applicable only in case of individual roof/landowners) | Yes/ No/ not applicable (please provide details in case of belonging to ST) |
| 2. | Does the household maintain distinct culture/ social norms/ dialect? | Yes/ No/ not applicable |
| 3. | Has the households/population been historically/ socially/ marginalized/ excluded, and/or discriminated against? | Yes/ No/ not applicable |
| 4. | Does households/population maintain collective attachments to distinct habitats/ ancestral territories/ natural resources where the installation will be carried out? | Yes/ No/ not applicable |

¹⁷ Note: Social safeguard checklist is extracted from the Environmental and Social Management System (ESMS) of NABARD which has been disclosed by NABARD in public domain and can be viewed using the [link](#).