



Request for Selection (RfS) Document for Selection of Solar Power Developers for Setting up of 15 MW of Grid-Connected Rooftop Solar PV Projects on Government buildings under RESCO mode through Tariff-Based Competitive Bidding

RfS No. SECI/C&P/IPP/14/0002/23-24 dated: 07.07.2023

Tender Search Code on ISN-ETS: SECI-2023-TN000011

*Solar Energy Corporation of India Limited
(A Government of India Enterprise)
6th Floor, Plate-B, NBCC Office Block Tower-2,
East Kidwai Nagar, New Delhi – 110023
Tel: 011 - 24666200, e-mail : contracts@seci.co.in*

DISCLAIMER

- I. Though adequate care has been taken while preparing the RfS document, the bidder(s) shall satisfy themselves that the document is complete in all respect. Intimation regarding any discrepancy shall be given by the prospective bidders to the office of SECI immediately. If no intimation is received from any bidder within **20 (Twenty) days from the date of issuance of RfS documents**, it shall be considered that the document is complete in all respect and has been received/ acknowledged by the bidder(s).
- II. Solar Energy Corporation of India Ltd (SECI) reserves the right to modify, amend or supplement this document.
- III. This RfS document has been prepared in good faith, and on best endeavour basis. Neither SECI nor their employees or advisors make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions herein, or the accuracy, completeness or reliability of information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this document, even if any loss or damage is caused by any act or omission on their part.
- IV. In case of any discrepancy in the documents uploaded on the websites of SECI, ISN-ETS and CPPP, the documents uploaded on the ISN-ETS website will prevail.

Place: New Delhi

Date: 07.07.2023

BID INFORMATION SHEET

The brief details of the RfS are as under:

(A)	NAME OF WORK/ BRIEF SCOPE OF WORK/ JOB	Selection of Project Developers for setting up of 15 MW of Grid-Connected Rooftop Solar PV Projects on Government Buildings under RESCO mode.					
(B)	RfS NO. & DATE	RfS No. SECI/C&P/IPP/14/0002/23-24 dated 07.07.2023					
(C)	TYPE OF BIDDING SYSTEM	<table border="1"> <tr> <td>SINGLE BID SYSTEM</td> <td><input type="text"/></td> </tr> <tr> <td>TWO BID SYSTEM</td> <td>Yes</td> </tr> </table>	SINGLE BID SYSTEM	<input type="text"/>	TWO BID SYSTEM	Yes	
SINGLE BID SYSTEM	<input type="text"/>						
TWO BID SYSTEM	Yes						
(D)	TYPE OF RfS/ TENDER	<table border="1"> <tr> <td>E-TENDER</td> <td>Yes</td> </tr> <tr> <td>MANUAL</td> <td><input type="text"/></td> </tr> </table>	E-TENDER	Yes	MANUAL	<input type="text"/>	
E-TENDER	Yes						
MANUAL	<input type="text"/>						
(E)	COMPLETION/ CONTRACT PERIOD	As mentioned in RfS Document					
(F)	BID PROCESSING FEE	<table border="1"> <tr> <td>APPLICABLE</td> <td>Yes</td> </tr> <tr> <td>NOT APPLICABLE</td> <td><input type="text"/></td> </tr> </table>	APPLICABLE	Yes	NOT APPLICABLE	<input type="text"/>	<p>Amount: INR 29,500/- (Indian Rupees Twenty-Nine Thousand Five Hundred Only) including GST, to be submitted either through NEFT/RTGS transfer in the account of SECI, or in the form of DD/Pay Order along with the response to RfS in favour of "Solar Energy Corporation of India Ltd", payable at New Delhi.</p>
APPLICABLE	Yes						
NOT APPLICABLE	<input type="text"/>						
(G)	EARNEST MONEY DEPOSIT (EMD)	<table border="1"> <tr> <td>APPLICABLE</td> <td>Yes</td> </tr> <tr> <td>NOT APPLICABLE</td> <td><input type="text"/></td> </tr> </table>	APPLICABLE	Yes	NOT APPLICABLE	<input type="text"/>	<p>Amount: INR 10,28,000 /- (Indian Rupees Ten Lakhs Twenty Eight Thousand) per MW to be submitted in the form</p>
APPLICABLE	Yes						
NOT APPLICABLE	<input type="text"/>						

		of Bank Guarantee/Payment on Order Instrument, along with the Response to RfS	
(H)	PERFORMANCE BANK GUARANTEE	APPLICABLE	<input type="text" value="Yes"/>
		NOT APPLICABLE	<input type="text"/>
(I)	DATE, TIME & VENUE OF PRE-BID MEETING	Scheduled as per NIT on ISN-ETS portal and/or SECI website.	
(J)	OFFLINE & ONLINE BID-SUBMISSION DEADLINE	As per NIT on ISN-ETS portal	
(K)	TECHNO-COMMERCIAL BID OPENING	As per NIT on ISN-ETS portal	
(L)	CONTACT DETAILS OF ISN-ETS PORTAL	M/s Electronic Tender.com (India) Pvt. Ltd. Contact Person: ISN-ETS Support Team Customer Support: +91-124-4229071,4229072 (From 10:00 Hrs. to 18:00 Hrs. on all working Days i.e., Monday to Friday except Govt. Holidays) Email: support@isn-ets.com	
(M)	NAME, DESIGNATION, ADDRESS AND OTHER DETAILS (FOR SUBMISSION OF RESPONSE TO RfS)	Sh. Ajay Kumar Sinha Addl. General Manager (Contracts & Procurement) Solar Energy Corporation of India Limited 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi - 110023 Contact No.: 011-24666200 Email: contracts@seci.co.in	
(N)	DETAILS OF PERSONS TO BE CONTACTED IN CASE OF ANY ASSISTANCE REQUIRED	1) Sh. Pratik Prasun Sr. Manager (C&P) Ph: 011-24666237 pratikpr@seci.co.in 2) Sh. Abhisekh Srivastav Manager (C&P) Ph: 011-24666260 biblesh@seci.co.in 3) Sh. Swapnil Gandhi Senior Engineer (C&P) Ph: 011-24666359 swapnil.gandhi@seci.co.in	

- Bids must be submitted strictly in accordance with Section-2 and 3 of the RfS, depending upon Type of Tender as mentioned at Clause no. (D) of Bid Information Sheet.
- Bidders are required to quote strictly as per terms and conditions of the RfS documents and not to stipulate any deviations/ exceptions.
- Any bidder, who meets the Qualifying Requirement and wishes to quote against this RfS, may download the complete RfS document along with its amendment(s) and clarifications if any, from ISN-ETS Portal (<https://www.bharat-electronictender.com>) and/or SECI website (www.seci.co.in) and submit their Bid complete in all respect as per terms & conditions of RfS Document on or before the due date of bid submission.
- Clarification(s)/ Corrigendum(s) if any shall also be available on the above referred websites.

Bidders are requested to remain updated for any notices/ amendments/ clarifications etc. to the RfS document through the websites <https://www.bharat-electronictender.com> and www.seci.co.in. No separate notifications will be issued for such notices/ amendments/ clarifications etc. in the print media or individually. Intimation regarding notification on the above shall be updated on www.seci.co.in and the details only will be available from <https://www.bharat-electronictender.com>

SECTION 1. INTRODUCTION & INVITATION FOR BIDS

1 Background & Introduction

- 1.1 Solar Energy Corporation of India Limited (hereinafter called “SECI”) is a Government of India Enterprise under the administrative control of the Ministry of New & Renewable Energy (MNRE). One of the main objectives of the Company is to assist the Ministry and function as the implementing and facilitating arm of the National Solar Mission (NSM) for development, promotion and commercialization of solar energy technologies in the country.
- 1.2 One of the targets enshrined by the Government under the “Panchamrit” announced by Hon’ble Prime Minister at the COP 26 summit in Glasgow, is meeting 50% of total energy requirements from renewable energy by 2030. Accordingly, several Government organizations, Ministries and other institutions have taken necessary steps to install Grid-Connected Rooftop Solar PV Projects at their premises/buildings, to increase electricity consumption through renewable energy. As part of these initiatives, SECI has been approached by these organizations to carry out the bidding and selection of Project developers through a competitive bidding process, to set up Projects under RESCO mode. In line with the above, SECI, on behalf of such as Municipal Corporation of Delhi (MCD), hereby invites proposals for setting up of around 15 MW of Grid-Connected Rooftop Solar PV (RTSPV) Projects on Build Own Operate (B-O-O) basis, on the buildings owned by MCD.
- 1.3 SECI shall be the bidding agency for selection Project Developers for setting up of RTSPV Projects on various buildings under MCD.
- 1.4 The Bidders will be free to avail fiscal incentives like Accelerated Depreciation, Concessional Customs and Excise Duties, Tax Holidays etc. as available for such Projects. The same will not have any bearing on comparison of bids for selection. As equal opportunity is being provided to all Bidders at the time of tendering itself, it is up to the Bidders to avail various tax and other benefits. No claim shall arise on SECI for any liability if Bidders are not able to avail fiscal incentives and this will not have any bearing on the applicable tariff. SECI does not however, give a representation on the availability of fiscal incentive and submission of bid by the Bidder shall be independent of such availability or non-availability as the case may be of the fiscal incentives.
- 1.5 No separate Central Financial assistance is envisaged for implementation of the projects selected under this RfS.

2 Invitation for Bids

- 2.1 A Single Stage, Two-Envelope Bidding Procedure will be adopted and will proceed as detailed in the RfS Documents. Bidding will be conducted through the competitive bidding procedures as per the provisions of Sections 2 and 3 of the RfS.
- 2.2 Interested bidders have to necessarily register themselves on the portal <https://www.bharat-electronictender.com> (“ETS portal”) through M/s Electronic

Tender.com (India) Pvt. Limited to participate in the bidding under this invitation for bids. It shall be the sole responsibility of the interested bidders to get themselves registered at the aforesaid portal for which they are required to contact M/s Electronic Tender.com (India) Pvt. Limited, New Delhi to complete the registration formalities. Contact details of ISN-ETS is mentioned on the Bid Information Sheet. All required documents and formalities for registering on ISN-ETS are mentioned in the subsequent RfS documents.

They may obtain further information regarding this IFB from the registered office of SECI at the address given on the Bid Information Sheet from 10:00 hours to 17:00 hours on all working days.

For proper uploading of the bids on the ETS portal, it shall be the sole responsibility of the bidders to apprise themselves adequately regarding all the relevant procedures and provisions as detailed in the portal as well as by contacting M/s Electronic Tender.com (India) Pvt. Limited directly, as and when required, for which contact details are also mentioned on the Bid Information Sheet. SECI in no case shall be responsible for any issues related to timely or properly uploading/ submission of the bid in accordance with the relevant provisions of the Bidding Documents.

- 2.3 Bidders should submit their bid proposal complete in all aspect on or before last date and time of Bid Submission as mentioned on ISN-ETS Portal (<https://www.bharat-electronictender.com>), SECI website <http://www.seci.co.in> and as indicated in the Bid Information Sheet.
- 2.4 Bidder shall submit its proposal along with non-refundable Bid Processing Fees and Earnest Money Deposit (EMD) (if applicable) complete in all respect as per the Bid Information Sheet. Techno-Commercial bids will be opened as per the Bid Information Sheet in online presence of authorized representatives of bidders who wish to be present online. Bid proposals received without the Bid Processing Fees and/or Earnest Money Deposit (EMD) (as applicable) will be rejected. **In the event of any date indicated being declared a holiday, the next working day shall become operative for the respective purpose mentioned herein.**

RfS documents which include Eligibility Criteria, Technical Specifications, various Conditions of Contract, Formats etc. can be downloaded from the ISN-ETS Portal or from SECI's website. It is mandatory to download official copy of the RfS Document from Electronic Tender System (ISN-ETS) Portal to participate in the Tender. Any amendment(s)/corrigendum(s)/clarification(s) with respect to this RfS shall be uploaded on ISN-ETS website. The Bidder should regularly check for any Amendment(s)/Corrigendum(s)/Clarification(s) on the above mentioned ISN-ETS website. The same may also be uploaded on SECI website also. However, in case of any discrepancy, the information available on ISN-ETS website shall prevail.

- 2.5 SECI reserves the right to cancel/withdraw/defer this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.

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2.7 INTERPRETATIONS

- Words comprising the singular shall include the plural & vice versa.
- An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
- A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
- Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and if there is any differentiation between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.
- The table of contents and any headings or sub headings in the contract has been inserted for case of reference only & shall not affect the interpretation of this agreement.

SECTION 2. SPECIAL CONDITIONS OF CONTRACT

3 *Scope of Work*

- 3.1 Under this RfS, the Solar Power Developer (SPD) shall be required to set up Grid-Connected Rooftop Solar PV (RTSPV) Projects, with the primary objective of supplying solar power to MCD, as per the provisions of the RfS and draft standard Power Purchase Agreement (PPA).
- 3.2 The Projects shall be set up under the RESCO Mode, as defined by MNRE. The scope of work of the SPD, inter alia, includes obtaining No Objection Certificate (NOC) from the Distribution Company (DISCOM) for grid connectivity, complete design, engineering, supply, storage, civil work, erection, testing & commissioning of the RTSPV Project including Operation and Maintenance (O&M) of the project for the term of the PPA. The O&M of the Project may include wear, tear, overhauling, machine breakdown, insurance, and replacement of defective modules, invertors/Power Conditioning Unit (PCU), spares, consumables & other parts for the PPA term.
- 3.3 Obtaining Net-metering and grid connectivity of the Project under this tender would be the responsibility of the bidder in accordance with the prevailing guidelines of the respective State Regulators (SERC) or Central Electricity Authority (CEA) or the DISCOM in the respective area. The Government organization (“**Client Organization**”) could facilitate connectivity and necessary approvals, however, the entire responsibility lies with the SPD only.
- 3.4 The SPD shall take all necessary permits, approvals and licenses, insurance etc., provide training and such other items and services required to complete the scope of work mentioned above.
- 3.5 The SPD shall abide by all Statutory Laws, By Laws, Labour Laws, Factory laws, etc.
- 3.6 The SPD will take comprehensive insurance cover for the solar plants and its associated machinery during the installation phase as well as O&M period for any kind of theft/pilferage/damage etc.
- 3.7 The Projects to be selected under this scheme provide for deployment of Solar Photovoltaic Technology. However, the selection of Projects would be technology agnostic.

4 *Total capacity offered*

The estimated cumulative Project capacity envisaged for MCD buildings is around 15 MW will be carried out through e-bidding. The tentative list of Buildings under MCD has been annexed at **Annexure-C**. The final capacity to be installed will be determined at the time of signing of PPA between the SPD and MCD.

5 *Maximum Eligibility for Contracted Capacity Allocation for a Bidder*

Following conditions shall be applicable to the Bidders for submission of bids against this RfS:

- 5.1 A Bidder, including its Parent, Affiliate or Ultimate Parent or any Group Company can submit a single bid offering a minimum cumulative quantum of Contracted Capacity of **500 kW** and a maximum cumulative quantum of Contracted Capacity of **15 MW** as per the building details provided.

Note: In case a common Company/Companies directly or indirectly hold(s) more than 10% but less than 26% shareholding in more than one Bidder participating in the RfS, each one of such Bidders will be required to submit the Disclosure as per Format 7.8A. In all other cases, Format 7.8 will be applicable.

- 5.2 The total capacity to be allocated to a Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company shall be up to **15 MW**.
- 5.3 The evaluation of bids shall be carried out as described in Section-5 of the RfS. The methodology for Allocation of Projects is elaborated in Section-5 of the RfS.
- 5.4 Subject to the exception as per Clause 5.1 above, multiple bids from same company including its Parent/ Ultimate Parent/ Affiliates/ Group Companies shall make all the bids submitted by the group invalid.

6 Project Location

- 6.1 The Projects shall be located at rooftops of MCD buildings chosen by the Bidder from the indicative list of possible rooftops enclosed as **Annexure-C** at its own discretion of and cost, risk and responsibility.

Bidder are required to visit the respective sites prior to the bid submission and assess the feasibility of space including installation capacity in consultation with respective site in charge/ rooftop owner.

The Prospective bidders may contact the following Officers from MCD for site visit.

Name of the Officer of MCD	Contact Details
Sh. Kuldeep (AE)	Mobile No.: 9650194545
Sh. Raju (AE)	Mobile No.: 8588899524

In addition, the bidders are required to submit the priority list of as many buildings as possible including the installation capacity as an Annexure to Format 7.1. However, the entire responsibility of identifying the rooftops will be of the Bidder. **SECI shall not bear any responsibility in this regard.**

Further, the space/rooftop shall not be used/subletted for the purpose other than the allotted as per the terms and conditions of PPA. Any violation shall lead to penalty/compensation as decided by MCD/Client Organization.

6.2 Project Configuration:

The term “Project” shall have the meaning as defined in Section 6 of the RfS. A single Project shall refer to one or multiple Grid-connected RTSPV systems installed on a single/group of buildings, connected to the grid through a single or multiple meter. PPA will be signed for each Project separately. Configuration of a Project is under scope of

the SPD. Configuration of each project shall be decided mutually between MCD and Successful bidder/SPD.

7 *Connectivity with the Grid*

- 7.1 The Project should be designed for interconnection with the grid in accordance with prevailing CERC/SERC/DISCOM regulations in this regard. For interconnection with the grid and metering, the SPD shall abide by applicable Grid Code, Grid Connectivity Standards, Regulations on Communication System for transmission of electricity and other regulations/procedures (as amended from time to time) issued by Appropriate Commissions and Central Electricity Authority (CEA), and any other regulations of the concerned DISCOM where the Project is located. Minimum voltage level for interconnection with the grid shall be as determined by the respective DISCOM.
- 7.2 The responsibility of getting connectivity and necessary approvals for grid connection and net-metering shall entirely be with the SPD and shall be at the risk and cost of the SPD. The transmission of power up to, and including at the point(s) of interconnection where metering is done for energy accounting, shall be the responsibility of the SPD at its own cost. The maintenance of transmission system up to and including at the Interconnection Point shall be responsibility of the SPD, to be undertaken entirely at its risk and cost.
- 7.3 Metering arrangement of each Project shall have to be adhered to in line with relevant clauses of the PPA. The entire cost of transmission (if applicable) including cost of construction of line, wheeling charges, SLDC/Scheduling charges, SOC, MOC, maintenance, losses etc. and any other charges from the Project up to and including at the Interconnection Point will be borne by the SPD.
- 7.4 Note: The SPD shall apply for Net-metering approval with the respective DISCOM within 90 days of signing of PPA, failing which, the PPA will be liable to be terminated by the Client Organization, along with encashment of PBG for the respective Project.

8 *Energy Supply by the Solar Power Developer*

8.1 Criteria for Energy Supply

The Bidders will declare the annual CUF of the Projects at the time of submission of response to RfS, and the SPDs will be allowed to revise the same once within first year after COD. Thereafter, the CUF for the Project shall remain unchanged for the entire term of the PPA. The declared annual CUF shall in no case be less than 13.5% for Projects to be set up. It shall be the responsibility of the SPD, entirely at its cost and expense to install such number of Solar panels and associated equipment as may be necessary to achieve the required CUF. The SPD shall maintain generation so as to achieve annual energy supply corresponding to CUF within + 10% and -15% of the declared value till the end of 10 years from COD, subject to the annual CUF remaining minimum of 13.5%, and within +10% and -20% of the declared value of the annual CUF thereafter till the end of the PPA term. The lower limit will, however, be relaxable to the extent of non-availability of grid, during solar generation hours, for evacuation which is beyond the control of the SPD. The annual CUF will be calculated every year from 1st

April of the year to 31st March next year. Relaxation to the non-availability of grid beyond the control of SPD need to be certified by MCD. Further, duly signed hindrance register shall be maintained during the time of execution and O&M.

8.2 **Shortfall in Energy Supply**

Subsequent to Project commissioning, if for any Contract Year, except for the first year after Project commissioning, it is found that the SPD has not been able to supply minimum energy corresponding to the value of annual CUF within the permissible lower limit of CUF declared by the SPD, the SPD shall be levied liquidated damages @50% of the PPA tariff for the shortfall in energy terms, in accordance with terms of the PPA. This compensation shall be applied to the amount of shortfall in energy supply during the year. However, this compensation shall not be applicable in events of Force Majeure identified under PPA affecting supply of power by SPD.

9 ***Commissioning of Projects***

When the SPD fulfils his obligation under the Contract, he shall be eligible to apply for Completion/commissioning Certificate. SECI shall normally issue to the SPD the Completion Certificate within one month after receiving any application therefore from the SPD after verifying from the completion documents and satisfying himself that the Work has been completed in accordance with and as set out in PPA/RfS documents.

Not more than 15 days prior to proposed commissioning date, the SPD shall give the final written notice to SECI and Buying Entity. The inspection of the Solar Plant will be witnessed in presence of client organization/SECI. Following documents (duly signed and stamped by the authorized signatory) are required to be submitted by SPD, physically/online to the office of SECI at least 15 days prior to the proposed commissioning date along with the above notice:

- a. Covering letter.
- b. Checklist for inspection of Rooftop SPV power plants as per **Annexure-A1**. (Copy of Inspection Report along with the required documents as per SECI format.)
- c. Checklist for Completion as per **Annexure-A2**.
- d. Board resolution/Authorization Letter for authorized signatory for signing of commissioning related documents.
- e. Copy of CEIG Certificate (if applicable).
- f. Copy of Beneficiary Certificate/ Client Completion Certificate (Project completion/satisfaction certificate) as per **Annexure-A3**. (Mandatory if date of inspection is after date of commissioning)
- g. Solar PV Plant Insurance Cover.
- h. Net Metering Installation Report/ Intimation to DISCOM/NOC from DISCOM regarding plant connectivity approval.
- i. JMR (Generation Data Certificate) from the date of Commissioning as certified by the client organisation/ rooftop owner till the date of Inspection will also be needed for declaring the commissioning of the Rooftop Solar Power Plant if the inspection of the plant is carried out after the SCD.

- j. Snapshots (with timestamp) of the GCRT plant, including but not limited to, solar PV modules, all inverters showing instantaneous and total generation for that particular day, switch gears, metering as per applicable regulations at delivery point, etc along with the installation report.

Partial Capacity Commissioning of the sanctioned project may be allowed.

The rooftop SPV power plant must get CEIG inspection certificate as per the State/UT Rules and Regulations, in case the plant is not exempted from CEIG inspection.

In case NOC from DISCOM or CEIG certificate is not available, the bidder needs to indemnify SECI by submitting indemnity bond before the issuance of commissioning.

Intimation to the concerned DISCOM: All the bidders shall intimate the concerned DISCOM regarding the implementation of the grid connected roof top solar SPV plant as per the given format in **Annexure-A5** or applicable format of DISCOM and submit the copy of the same acknowledgement to SECI for the issuance of Commissioning Certificate.

9.1 **Commissioning Schedule and Liquidated Damages Not Amounting to Penalty for Delay in Commissioning**

- a. The Scheduled Commissioning Date (SCD) for commissioning of the full capacity of the Project shall be the date as on **09 months** from the Effective Date of the PPA (for e.g., if Effective Date of the PPA is 07.10.2023, then SCD shall be 07.07.2024).
- b. The maximum time period allowed for commissioning of the full Project Capacity with applicable liquidated damages, shall be limited to the date as on **06 months** from the SCD or the extended SCD (if applicable) (for e.g., if SCD of the Project is 07.07.2023, then the above deadline for Project commissioning shall be 07.01.2024).
- c. In case of delay in commissioning of the Project beyond the SCD until the date as per Clause 9.1.b above, as part of the liquidated damages, the total PBG 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 2 MW capacity, if commissioning of 1 MW capacity is delayed by 18 days beyond the SCD, then the liquidated damages shall be: PBG amount X (1/2) X (18/180). For the purpose of calculations of the liquidated damages, 'month' shall be considered consisting of 30 days.
- d. In case Commissioning of the Project is delayed beyond the date as per Clause 9.1.b above, the PPA capacity shall stand reduced/amended to the Project Capacity commissioned and the PPA for the balance capacity will stand terminated.

9.2 **Project Inspection:**

The progress of all the projects will be monitored by SECI and the projects will be inspected for quality at any time during commissioning or after the completion of the project either by officer(s) from SECI or any agency/ experts designated/ authorized by

SECI from time to time. SECI shall depute a technical person(s) from its list of empanelled experts/ agencies updated from time to time for inspection, third party verification, monitoring of system installed to oversee, the implementation as per required standards and also visit the manufacturer's facilities to check the quality of products as well as to visit the system the integrators to assess their technical capabilities as and when required. The cost of Inspection to be carried out by SECI shall be borne by SECI. The cost of re-inspection, if any shall be borne by Vendor. The projects shall be inspected at any time during commissioning or after the completion of the project.

While inspecting the Rooftop Solar SPV plant, demonstration of the desired Performance Ratio (PR) of 75% against commissioning is mandatory for acceptance of the plant. In case inspection of the plant is carried out after end date of commissioning, certificate indicating project completion will be mandatory from rooftop owner for commissioning of the plant.

10 Operation & Maintenance (O&M) Guidelines to be mandatorily followed by the SPD

10.1 The SPD shall be responsible for all the required activities for successful O&M of the Rooftop Solar PV system for the PPA term from the date of commissioning of the Project.

10.2 Following guidelines shall be followed in this regard. In addition, O&M practices shall be strictly followed.

- i. O&M of the Project shall be compliant with grid requirements to achieve committed energy generation.
- ii. SPD shall set up a maintenance office cum control room for the smooth functioning of the project.
- iii. Deputation of qualified and experienced engineer/ technicians till the O&M period at project site.
- iv. Periodic cleaning of solar modules. The modules shall be cleaned with a periodic interval of 15 days or as and when required as per actual site conditions. It's the responsibility of the SPD to get the modules cleaned during O&M Period.
- v. A "hindrance register" shall be maintained to record any issues affecting Project O&M. The same shall be duly signed by both parties of the PPA, recording
- vi. Periodic checks of the Modules, PCUs and BoS shall be carried out as a part of routine, preventive and breakdown maintenance.
- vii. Replacement of defective Modules, Invertors/PCUs and other equipment, as and when required, will be carried out within 15 working days from the date of reporting of defect which can be extended based on the site accessibility, etc. as mutually agreed by the two parties.
- viii. 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.

- ix. All the testing instruments required for Testing, Commissioning and O&M for the healthy operation of the Plant shall be maintained by the SPD. 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.
- x. If negligence/ mal-operation on part of the SPD's operator results in failure of equipment, such equipment should be repaired/ replaced by the SPD free of cost.
- xi. Co-ordination with Owner/ DISCOM/ CEIG as per the requirement for Joint Meter Reading (JMR) Report. The person-in-charge present at site from the SPD's side shall take a joint meter reading in the presence of rooftop owner on a monthly basis.
- xii. Online Performance Monitoring, controlling, troubleshooting, maintaining of logs & records. A maintenance record register is to be maintained by the operator with effect from Commissioning to record the daily generation, regular maintenance work carried out as well as any preventive and breakdown maintenance along with the date of maintenance, reasons for the breakdown, duration of the breakdown, steps taken to attend the breakdown, etc.
- xiii. For any issues related to operation & maintenance, a toll-free number shall be made available to the rooftop owner to resolve the same within 72 hours.
- xiv. If any jobs covered in O&M Scope as per RfS are not carried out by the SPD during the O&M period, the Client Organization shall take appropriate action as deemed fit. SECI reserves the right to make surprise checks/ inspection visits at its own or through authorized representative to verify the O&M activities being carried out by the SPD. Failure to adhere to above guidelines may result in penal action including debarring from participation in next tender.
- xv. It is up to SPD and MCD/ Client to mutually decide on the source and amount of water to be supplied for module cleaning during O&M period.

10.3 **O&M PBG:**

Prior to release of the PBG upon successful commissioning of the Project, the SPD shall submit O&M Performance Bank Guarantee (PBG) for a value @ **INR 5.14 Lakh/MW/Project (Indian Rupees Five Lakhs and Fourteen Thousand per MW per Project)**, valid up to 3 years from COD. This PBG shall also be issued in the name of the Client Organization. The Client Organization reserves the right to encash this PBG/deduct from the running bill payment up to the amount as per his choosing, in case of any lapses discovered during the O&M period which may be ascribed to the SPD. SECI shall not have any role in this regard.

SECTION 3. STANDARD CONDITIONS OF CONTRACT

11 *Obtaining RfS Documents*

Interested bidders have to download the official copy of RfS & other documents after login into the ISN-ETS portal by using the Login ID & Password provided by ISN-ETS during registration (Refer **Annexure-B** of the RfS). The bidder shall be eligible to submit/upload the bid document only after logging into the ISN-ETS portal and downloading the official copy of RfS. The Bidding documents are available free of cost.

12 *Bid Processing Fees*

Prospective Bidders interested to participate in the bidding process are required to submit their Project proposals in response to this RfS document along with a non-refundable processing fee as mentioned in the Bid Information Sheet. A Bidder will be eligible to participate in the bidding process only on submission of entire financial amounts as per the Bid Information Sheet. In case the Bidder chooses to submit the Bid Processing Fees through NEFT/RTGS (electronic transfer), the Bidder shall submit the transaction receipt instead of the corresponding DDs, as part of the offline bid submission.

The bank details of SECI are available at SECI website, www.seci.co.in, under the “Financials” Tab. Upon making the necessary payments, the prospective Bidders shall immediately write to SECI (mailing to finance@seci.co.in), providing the payment details along with name and registered address of the Bidder (with GSTIN of the paying entity), to enable seamless issuance of payment invoices for taxation purpose. SECI will not be liable for any delay in issuing necessary invoices in this regard.

In case a Bidder chooses to deduct TDS while making the payments against Bid Processing Fee, such TDS details shall be submitted by the Bidder along with the transaction details, as part of online bid submission.

Bids submitted without Bid Processing Fee and/or Bank Guarantee/Payment on Order Instrument towards Earnest Money Deposit (EMD) (including partial submission of any one of the respective amounts), may be liable for rejection by SECI.

MSMEs (Micro, Small and Medium Enterprises) having Udyam Registration Certificate Only are exempted from submission of Bid Processing Fee & Earnest Money Deposit (EMD), whose credential are validated online through Udyam Registration portal (https://udyamregistration.gov.in/Udyam_Verify.aspx).

For a Consortium to be eligible for exemption from submission of Bid Processing Fee & Earnest Money Deposit, all the members of the Consortium shall be registered as MSME.

Further, submission of MSME certificates issued in the name of Affiliate/promoter Company will not be considered.

13 *Project Scope & Technology Selection*

Refer Clause 3 of the RfS.

14 Not Used

15 Bank Guarantee/ Payment on Order Instrument (POI) against Earnest Money Deposit (EMD)

- 15.1 Earnest Money Deposit (EMD) of **INR 10,28,000/MW** (Indian Rupees Ten Lakhs Twenty Eight Thousand per MW) in the form of Bank Guarantee according to Format 7.3A and valid for 12 months from the last date of bid submission, shall be submitted by the Bidder along with their bid, failing which the bid shall be summarily rejected. The Bank Guarantees towards EMD have to be issued in the name of the Bidding Company/ Lead Member of Bidding Consortium. In the event of encashment of EMD, the encashed amount shall include all applicable taxes.
- 15.2 The Bidder shall furnish the Bank Guarantees towards EMD from any of the Scheduled Commercial Banks as listed on the website of Reserve Bank of India (RBI) and amended as on the date of issuance of bank guarantee. Bank Guarantee issued by foreign branch of a Scheduled Commercial Bank is to be endorsed by the Indian branch of the same bank or State Bank of India (SBI).

The EMD shall be valid as per the timelines stipulated above. However, shortfall in the EMD validity, if any, up to a period of seven (7) days shall be acceptable. Further, an additional shortfall only in the following cases shall be acceptable: If the Bidder has submitted the EMD with validity as per original bid submission date or as per any revised submission date and if the deadline for submission of bids has been extended further, the Bid Guarantee shall be acceptable provided, the EMD is valid for more than two months from the actual date of bid submission and the Bidder submits the EMD extension for the requisite period within seven days from the date of actual bid submission, if required.

- 15.3 SECI has agreed to accept the EMD in the form of an unconditional and irrevocable Bank Guarantee instead of the cash deposit with the clear position intimated to the bidder that the EMD Bank Guarantee shall be encashable for being appropriated by SECI in terms of the guarantee as in the case of appropriation of the cash deposit lying with SECI.
- 15.4 The Bank Guarantee (BG) or amendment to be submitted against EMD shall be effective only when the BG issuance message is transmitted by the issuing bank through SFMS to IDFC First Bank IFSC: IDFB0020101, Client Name: Solar Energy Corporation of India Ltd and a confirmation in this regard is received by SECI. Message Type: IFN760COV is to be used by the issuing bank.
- 15.5 **Forfeiture of EMD:**

The BG towards EMD shall be encashed by SECI in following cases:

- a. If the Bidder withdraws or varies the bid after due date and time of bid submission and during the validity of bid;

- b. In case, the Client Organization offers to execute the PPA with the Successful Bidder and if the Successful Bidder does not execute the PPA within the stipulated time period;
- 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 Bidder fails to furnish required PBG in accordance with Clause 16 of the RfS.

15.6 **Payment on Order Instrument (POI):** As an alternative to submission of EMD as above, the Bidder also has an option to submit a letter of undertaking issued by either of the following three organizations, viz. (i) Indian Renewable Development agency Limited (IREDA) or (ii) Power Finance Corporation Limited or (iii) REC Limited. This Letter of Undertaking shall be issued as “Payment on Order Instrument” (POI), wherein the POI issuing organization undertakes to pay in all scenarios under which the EMD would be liable to be encashed by SECI within the provisions of RfS/PPA. This instrument would have to be furnished as per Format 7.3 B of the RfS, within the timelines as per Clause 15.1 above, for the amount and validity period as per those Clause 15.1 above.

The term “Bank Guarantee (BG) towards/ against EMD” occurring in the RfS shall be read as “Bank Guarantee (BG)/ Payment on Order Instrument (POI) towards/ against EMD”.

16 Performance Bank Guarantee (PBG)

16.1 Bidders selected by SECI based on this RfS shall submit to the Client Organization, a Performance Guarantee for a value @ **INR 25,70,000/MW/Project (Indian Rupees Twenty-Five Lakhs Seventy Thousand per MW per Project)** prior to signing of PPA. It may be noted that Successful Bidder shall submit the Performance Guarantee according to the Format 7.3C with a validity period up to (& including) the date as on 9 months after the Scheduled Commissioning Date of the Project.

16.2 All Performance Bank Guarantees (PBGs) shall be submitted separately for each Project. The PBGs will be issued in favour of the Client Organization/authorized agency, whose details will be provided to the SPD prior to issuance of the PBG.

Note: The PBGs are required to be submitted in the name of the entity signing the PPA. In case of PPA being eventually signed with the SPV incorporated/utilized by the successful bidder, the PBG may be submitted in the name of the successful bidder within the above prescribed deadline, if the bidder chooses to do so, and the same shall be replaced by the PBG issued in the name of the SPV, prior to signing of PPA.

16.3 The SPD shall furnish the PBG from any of the Scheduled Commercial Banks as listed on the website of Reserve Bank of India (RBI) and amended as on the date of issuance of bank guarantee. Bank Guarantee issued by foreign branch of a Scheduled Commercial Bank is to be endorsed by the Indian branch of the same bank or State Bank of India (SBI). In case of the Project being implemented through an SPV incorporated by the successful bidder, the PBG shall be furnished in the name of the SPV, except for the case as indicated in Clause 32.4 of the RfS.

- 16.4 The format of the Bank Guarantee prescribed in the Formats 7.3 A (EMD) and 7.3 C (PBG) shall be strictly adhered to and any deviation from the above Formats shall result in rejection of the PBG and consequently, the Project. In case of deviations in the formats of the Bank Guarantees, the corresponding PPA shall not be signed.
- 16.5 The selected Bidder for the Project selected based on this RfS is required to sign PPA with the Client Organization within the timeline as stipulated in Clause 18 of the RfS. In case, the Client Organization offers to execute the PPA with the Selected Bidder and if the Selected Bidder does not meet eligibility criteria upon submission of documents or does not execute the PPA within the stipulated time period, then the Bank Guarantee equivalent to the amount of the EMD shall be encashed by SECI from the Bank Guarantee/POI available with SECI (i.e. EMD or PBG) as liquidated damages not amounting to penalty, the selected Project shall stand cancelled and the selected Bidder expressly waives off its rights and objections, if any, in that respect.
- 16.6 The Bank Guarantees have to be executed on non-judicial stamp paper of appropriate value as per Stamp Act relevant to the place of execution.
- 16.7 All expenditure towards execution of Bank Guarantees such as stamp duty etc. shall be borne by the Bidders/SPDs.
- 16.8 In case of Bank Guarantees issued by foreign branch of a Scheduled Commercial Bank, the same is to be endorsed by the Indian branch of the same bank or SBI.

The PBG of SPDs shall be returned to them, after successful commissioning of their projects as per Terms of PPA and after successful receipt and verification of the PBG for O&M, after considering any liquidated damages due to delays in commissioning as per Clause 9 of the RfS.

17 Service Charges

- 17.1 The Selected Bidder shall pay Service Charge @ **INR 2570/kW (Indian Rupees Two Thousand Five Hundred Seventy per kW) + applicable taxes** to SECI towards administrative overheads, coordination with Government Authorities and others, pre-commissioning and commissioning expense, as applicable.
- 17.2 The Service Charges will be calculated on the total Project capacity for which PPAs are signed by the SPD. These charges will be payable in two installments as follows:

(i) 50% to be paid within 30 days of issuance of LoAs by SECI, and (ii) Remaining 50% to be paid to SECI prior to signing of PPA. In case of any reduction/addition in the total Project capacity for which PPAs are executed, the second installment of 50% will be adjusted suitably. Both the installments of Service Charges paid to SECI are non-refundable.

Illustration 1: Assuming that a Bidder is issued LoAs for a total quoted capacity of 5 MW. The Service charge amount corresponding to the awarded capacity is Rs. 1.285 Crores + GST. Thus, the Bidder will pay Rs. 64.25 Lakhs + GST to SECI within 30 days of issuance of LoAs. Now, assuming that based on site assessment and discussions with the Client Organization, the final capacity for which PPAs are to be signed gets modified

to 4 MW. Thus, the second installment of Service Charge gets modified to Rs. 38.55 Lakhs + GST (Total Service Charges = Rs. 25.7 lakhs x 4 = Rs. 1.028 Crores + GST, out of which, Rs. 64.25 lakh + GST have been deposited in the 1st installment). The second installment will similarly get enhanced in case of any capacity enhancement prior to signing of PPA.

Illustration 2: Assuming that a Bidder is issued LoAs for a total quoted capacity of 5 MW. The Service charge amount corresponding to the awarded capacity is Rs. 1.285 Crores + GST. Thus, the Bidder will pay Rs. 64.25 Lakhs + GST to SECI within 30 days of issuance of LoAs. Now, assuming that based on site assessment and discussions with the Client Organization, the final capacity for which PPAs are to be signed gets modified to 2.4 MW. In such case the total service charges for 2.4MW is Rs. 61.68 lakhs + GST (Rs. 25.7 lakhs x 2.4 = Rs. 61.68 lakhs + GST), against that, Rs. 64.25 Lakhs + GST have been already deposited in the 1st installment. Thus, the second installment of Service Charge gets modified to Rs. Zero, and there will be no refund of service charge to bidders in such cases.

- 17.3 Service Charges are to be paid by the SPD in the form of DD/ Pay Order/ NEFT/ RTGS. In case of the first installment, any delay in depositing the said amount to SECI beyond 30 days of LoAs shall attract late payment charges @ 18% per annum+18% GST, levied on per day basis, on the amount corresponding to the 1st installment (i.e. 50% of Service Charges), until (and including) the date of payment of the said amount, which shall not be later than 45 days after issuance of LoA. In case of delay in submission of the 1st installment beyond 45 days after issuance of LoA, the awarded capacity shall stand cancelled and BG against EMD will be encashed by SECI.
- 17.4 The 2nd installment shall be paid prior to signing of PPA, and the PPA shall be signed only after deposit of the second installment to SECI.

18 Power Purchase Agreement (PPA)

- 18.1 The Client Organization shall enter into Power Purchase Agreements (PPAs) with Bidders selected based on this RfS. A copy of standard PPA to be executed between the two parties is available on the ISN-ETS Portal and also on SECI's website. The PPA shall be signed within 60 days from the date of issue of Letter of Award (LoA), if not extended by SECI/Client Organization. *(For e.g. If the LoA is dated 07-09-2023, then the last date of signing of PPA shall be 05-04-2024)*. Subsequent extension in this timeline shall be finalized as mutually agreed by the Client Organization and the SPD. PPA will be executed between Client Organization and selected bidder, or its SPV, separately for each Project. The PPA shall be valid for a period of 25 years from date of commissioning of the Project.
- 18.2 The PPA signing authority will be decided by the Client Organisation.
- 18.3 After completion of the PPA tenure, the solar plants shall be the property of the Client organization in functional mode.

18.4 Bidder has to make the complete and careful examinations of feasibility of GCRT plant/capacity estimation as per the load study of buildings and respective regulation of net metering before signing of PPA with client.

18.5 **Capacity identification and confirmation:**

Subsequent to issuance of LoA(s) by SECI, bidders other than L1 bidder will be given a time period of 30 days for carrying out site visits and due diligence of the buildings offered by the Client Organization for filling up the balance capacity after allocation of buildings to all the successful bidders as per Clause 38.1 of the RfS. The bidder may assess the Project sizing and estimated capacity installation under the cumulative capacity quoted by the bidder (if required), for filling up the balance capacity. Within this period, the individual Project size to be set up on each building and the cumulative Project capacity for which PPAs are to be signed, will be finalized by both parties.

18.6 **Limits on capacity modification:**

- a. Reduction in the total awarded capacity to a single Bidder is allowed up to 80% of the allocated capacity (i.e., an awarded capacity of 4 MW, for example, may be reduced up to 0.8 MW), based on the actual site assessment and project feasibility determined by the Successful Bidder. It is however not permitted to reduce any capacity after signing of PPA.
- b. Such reduction in capacity will be generally accepted by SECI, without any encashment of EMD. In specific cases, if MCD or the concerned authority under it objects to any capacity reduction, SECI shall review such requests, and such capacity reduction will be allowed only after approval from SECI and MCD after taking into consideration the project feasibility and assessment report.
- c. It may be noted that reduction in capacity more than the limits as stipulated above, will result in encashment of EMD for the corresponding capacity being surrendered beyond the reduction allowed as per the above limits.
- d. Capacity enhancement is also allowed, up to 25% of the total capacity awarded under the tender, with submission of additional Service Charges and revised PBG amount as calculated. Such capacity enhancement will require consent from the concerned authority under the MCD, as brought out at Clause 18.2 above.
- e. All such modifications in the awarded capacity, and signing of PPAs are required to be concluded within 60 days from issuance of LoAs, unless extended by the Client Organization.

18.7 The PPAs shall be valid for a period of 25 years from the date of Project Commissioning, i.e. the Commercial Operation Date, or **COD** of the Project. Any extension of the PPA term beyond this shall be carried out through mutual agreement between the SPD and the Client Organization.

18.8 The Performance Bank Guarantee as per Clause 16 above and Service Charges as per Clause 17 above, shall be submitted by the SPD prior to signing of PPA. Before signing of PPA, SECI will verify the shareholding of the Project Company along with a copy of complete documentary evidence. If at this stage, it is found that the documents

furnished by the SPDs are false/misleading or misrepresented in any way, then the provisions contained in this RfS will be applicable.

SECI will issue necessary go-ahead for signing of PPA, upon verification of compliance of pre-requisites by the SPD as brought out above. The PBG will be required to be submitted directly to the Client Organization, and scanned copy of the issued PBG will be submitted to SECI for verification.

- 18.9 SECI shall facilitate the PPA signing process and will bear no responsibility whatsoever on account of non-availability of indicated buildings and/or non-execution of PPA for any particular building.

19 Not Used

20 Minimum Paid Up Share Capital to be Held by Project Promoter

- 20.1 The Bidder shall provide complete information in their bid in reference to this RfS about its promoters and upon issuance of LoA, the SPD shall indicate its shareholding in the company indicating the controlling shareholding before signing of PPA with SECI.
- 20.2 No change in the controlling shareholding of the Bidding Company or Bidding Consortium shall be permitted from the date of submission of response to RfS till the execution of the PPA. However, in case the Project is being set up by a listed Company, this condition will not be applicable.

Following shall not be considered as change in shareholding as mentioned above:

- a. Infusion of Fresh equity capital amongst the existing shareholders/promoters at the time of Bid Submission to meet equity requirements.
 - b. Conversion of CCDs, CCPs etc. already issued to existing shareholders.
 - c. Death, marriage, Divorce, minor attaining major (any legal heir who was minor at the time of signing of PPA), insolvent, insane of existing shareholders.
 - d. Transfer of shares within the members of Immediate Promoter Group only.
 - e. Transfer of shares to IEPF.
 - f. Issue of Bonus Shares.
- 20.3 In case of Project being executed through SPVs: The Selected Bidder executing the project, if being a single company, shall ensure that its shareholding in the SPV/ Project Company executing the PPA, shall not fall below 51% at any time prior to 01 (one) year after the COD. In the event the selected Bidder is a consortium, then the combined shareholding of the consortium members in the SPV/ Project Company executing the PPA, shall not fall below 51% at any time prior to 01 (one) year after COD. However, in case the Project is being set up by a listed Company, this condition will not be applicable.
- 20.4 In case of the selected Bidder itself executing the PPA, it shall ensure that its promoters shall not cede control (Control shall mean the ownership, directly or indirectly, of more than 50% of the voting shares of such Company or right to appoint majority Directors), till 01 (one) year after the COD. However, in case the Project is being set up by a listed Company, this condition will not be applicable.

- 20.5 In case of companies having multiple promoters (but none of the shareholders having more than 50% of voting rights and paid up share capital), it shall be considered as a company under joint control. In such cases, the shareholding pattern in the company as submitted at the time of bidding, shall be maintained for a period of 01 (one) year after COD.
- 20.6 Any change in the shareholding after the expiry of 01 year after COD can be undertaken under intimation to SECI and the Client Organization.

21 Instructions to Bidders for Structuring of Bid Proposals in Response to RfS

The bidder including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit single response to RfS. Detailed Instructions to be followed by the bidders for online submission of response to RfS are stated at **Annexure-B**. Submission of bid proposals by Bidders in response to RfS shall be in the manner described below:

- i. Covering Letter as per **Format 7.1**.
- ii. In case of a Bidding Consortium, a Power of Attorney in favour of the Lead Member issued by the other Members of the Consortium shall be provided in original as per format attached hereto as **Format 7.2**.
- iii. Bank Guarantee/ Payment on Order Instrument (POI) against Earnest Money Deposit (EMD) as per **Format 7.3 A/7.3 B**.
- iv. Board Resolutions, as per prescribed formats enclosed as per **Format 7.4** duly certified by the Company Secretary or the Director of the relevant Bidder, as applicable to the Bidder and mentioned hereunder:
 - a. Board Resolution from the Bidding Company or the Lead Member of the Consortium, as the case may be, in favour of the person signing the response to RfS and in the event of selection of the Projects and to sign the PPA with SECI. Board Resolution from each of the Consortium Members in favour of the person signing Consortium Agreement.
 - b. Board Resolution from the Bidding Company committing 100% (One Hundred Percent) of the equity requirement for the Project/ Board Resolutions from each of the Consortium Members together in aggregate committing to 100% (One Hundred Percent) of equity requirement for the Project (in case of Bidding Consortium); and
 - c. Board Resolutions from each of the Consortium Members and Lead member contributing such additional amount over and above the percentage limit (specified for the Lead Member and other member in the Consortium Agreement) to the extent becoming necessary towards the total equity share in the Project Company, obligatory on the part of the Consortium pursuant to the terms and conditions in the Consortium Agreement.
- v. In case of a Consortium, the Consortium Agreement between the Members in the Consortium as per **Format 7.5** along with Board resolution from each Member of the Consortium for participating in Consortium.
- vi. Format for Financial Requirements as per **Format 7.6** along with the certificate from practicing Chartered Accountant/ Statutory Auditors showing details of computation of the financial credentials of the Bidder.

- vii. Undertaking regarding no willful default and no major litigation pending as per **Format 7.7.**
- viii. A disclosure statement as per **Format 7.8/ 7.8A** regarding participation of any related companies in the bidding process.
- ix. Covering letter for the financial bid as per **Format 7.9.**
- x. Priority list of the as many buildings as possible including the installation capacity as an **Annexure to Format 7.1.**
- xi. Attachments
 - a. Memorandum of Association, Article of Association of the Bidder needs to be attached along with the bid. The bidder should also highlight the relevant provision which highlights the objects relating to Power/ Energy/ Renewable Energy/ Solar Power plant development.
 - In case, there is no mention of the above provisions in the MoA/AoA of the Bidder, the same has to be amended and submitted prior to signing of PPA, if the bidder is selected as Successful bidder.
 - If the selected bidder wishes to execute the project through a Special Purpose Vehicle (SPV), the MoA/AoA of the SPV highlighting the relevant provision which highlights the objects relating to Power/ Energy/ Renewable Energy/ Solar Power plant development has to be submitted prior to signing of PPA.
 - b. Certificate of Incorporation of Bidding Company/ all member companies of Bidding Consortium.
 - c. A certificate of shareholding of the bidding company, its Parent and Ultimate Parent (if any) duly certified by a practicing Chartered Accountant/Company Secretary as on a date within 30 days prior to the last date of bid submission. SECI reserves the right to seek additional information relating to shareholding in promoter companies, their parents/ ultimate parents and other group companies to satisfy themselves that RfS conditions have been complied with and the bidder will ensure submission of the same within the required time lines.
 - d. Certified copies of annual audited accounts for the last financial year, i.e. FY 2022-23/2021-22, and provisional audited accounts, along with certified copies of Balance Sheet, Profit & Loss Account, Schedules and Cash Flow Statement supported with bank statements as on the date at least 7 days prior to the due date of bid submission (if applicable), shall be required to be submitted.
 - e. Details of all types of securities/instruments which are pending conversion into equity whether optionally or mandatorily.

22 Important Notes and Instructions to Bidders

- 22.1 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.
- 22.2 The Bidders shall be shortlisted based on the declarations made by them in relevant schedules of RfS.
- 22.3 If the Bidder/Member in a Bidding Consortium conceals any material information or makes a wrong statement or misrepresents facts or makes a misleading statement in its

response to RfS, in any manner whatsoever, SECI reserves the right to reject such response to RfS and/or cancel the Letter of Award, if issued, and the Bank Guarantee/POI provided up to that stage shall be encashed. Bidder shall be solely responsible for disqualification based on their declaration in the submission of response to RfS.

- 22.4 If the event specified at Clause 22.3 is discovered after the Effective Date of PPA, consequences specified in PPA shall apply.
- 22.5 Response submitted by the Bidder shall become the property of the SECI and SECI shall have no obligation to return the same to the Bidder.
- 22.6 All documents of the response to RfS (including RfS and subsequent Amendments/ Clarifications/ Addenda, PPA) submitted online must be digitally signed by the person authorized by the Board as per Format 7.4.
- 22.7 The response to RfS shall be submitted as mentioned in Clause 21 of the RfS. No change or supplemental information to a response to RfS will be accepted after the scheduled date and time of submission of response to RfS. However, SECI reserves the right to seek additional information from the Bidders, if found necessary, during the course of evaluation of the response to RfS.
- 22.8 The Bidder shall make sure that the correct, valid and operative Pass-Phrase to decrypt the relevant Bid-part is submitted into the 'Time Locked Electronic Key Box (EKB)' after the deadline of Bid submission, and before the commencement of the Online Tender Opening Event (TOE) of Technical bid.
- 22.9 All the information should be submitted in English language only. In case of bidders or their foreign affiliate having documents in other than English language, then the documents shall be translated in English language by certified translator and submitted.
- 22.10 Bidders shall mention the name of the contact person and complete address and contact details of the Bidder in the covering letter.
- 22.11 Response to RfS that are incomplete, which do not substantially meet the requirements prescribed in this RfS, will be liable for rejection by SECI.
- 22.12 Response to RfS not submitted in the specified formats will be liable for rejection by SECI.
- 22.13 Bidders delaying in submission of additional information or clarifications sought will be liable for rejection.
- 22.14 Non-submission and/ or submission of incomplete data/ information required under the provisions of RfS shall not be construed as waiver on the part of SECI of the obligation of the Bidder to furnish the said data/information unless the waiver is in writing.
- 22.15 Only New Delhi Courts shall have exclusive jurisdiction in all matters pertaining to this RfS.

- 22.16 All the financial transactions to be made with SECI including success charges, delay charges, and any additional charges (if required), shall attract 18% GST on each transaction, irrespective of the same being mentioned in the RfS/PPA.

23 Non-Responsive Bid

The response to RfS submitted by the bidder along with the documents submitted **online** to SECI shall be scrutinized to establish “Responsiveness of the bid”. Each bidder’s response to RfS shall be checked for compliance with the submission requirements set forth in this RfS.

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

- a. Non-submission of the requisite Bid Processing Fee as mentioned in the Bid Information Sheet.
- b. Response to RfS not received by the due date and time of bid submission.
- c. Non-submission of correct, valid and operative Pass-Phrases for both Technical and Financial Bid (Price Bid) Parts after the deadline of Bid Submission, and before the commencement of the Online Tender Opening Event (TOE) of Techno-Commercial Bid.
- d. Any indication of tariff in any part of response to the RfS, other than in the financial bid.
- e. Data filled in the Electronic Form of Financial Bid (Second Envelope), not in line with the instructions mentioned in the same electronic form.
- f. In case it is found that the Bidding Company including Ultimate Parent Company/ Parent Company/Affiliate/Group Companies have submitted more than one response to this RfS, then all these bids submitted shall be treated as non-responsive and rejected.

In any of the above cases, the bid shall not be considered for bid opening and evaluation process.

24 Method of Submission of Response to RfS by the Bidder

24.1 Documents to be Submitted Offline (in Original)

The bidder has to submit original of following documents **offline**.

- a. DD/Pay order or NEFT/RTGS details towards Bid Processing Fee as mentioned in Bid Information Sheet.
- b. Bank Guarantee/ Payment on Order Instrument towards EMD as mentioned in the Bid Information Sheet (as per Format 7.3A/ 7.3B). One EMD shall be submitted for the cumulative capacity quoted by the Bidder.
- c. Pass-phrases for Techno-commercial and Financial bids submitted on the ETS portal.

No documents will be accepted in person, on or before the date of bid submission. Bank Guarantee/POI against EMD needs to be submitted in both online and offline modes. The bidders will be required to submit the bank guarantee/POI against EMD and DDs/Pay Orders (if applicable) against the bid processing fee, either in person or through post, at the office of SECI until the date as on 2 working days after the closing date of bid submission. The 2-day duration will be counted from the date of bid submission.

For e.g., if the bid submission deadline is 18:00 hrs. on 22.08.2023, the above deadline will expire at 18:00 hrs. on 24.08.2023. In case the above deadline being a holiday, the next working day in SECI will be the deadline for submission of Bank Guarantees.

Note: In all cases, the Bank Guarantee/POI against EMD along with DDs/Pay Orders (if applicable), shall be issued on or before the bid submission deadline. These instruments issued after the expiry of the deadline will be summarily rejected.

The bidding envelope shall contain the following sticker:

Selection of Solar Power Developers for Setting up 15 MW of Grid-Connected Rooftop Solar PV Projects on Government buildings under RESCO Mode through Tariff-Based Competitive Bidding	
<i>Cumulative Capacity of the projects applied for</i>	_____ MWp
<i>No. of Projects Bid for</i>	
<i>RfS Reference No.</i>	SECI/C&P/IPP/14/0002/23-24 dated 07.07.2023
<i>Submitted by</i>	(Enter Full name and address of the Bidder)
<i>Organization ID (OID) on ETS portal</i>	(Enter the OID through which the Bid has been submitted online on ETS portal)
<i>Authorized Signatory</i>	(Signature of the Authorized Signatory) (Name of the Authorized Signatory) (Stamp of the Bidder)
<i>Bid Submitted to</i>	AGM (C&P) Solar Energy Corporation of India Limited 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023 Tel No. 011-24666200 Email - contracts@seci.co.in

24.2 Documents to be Submitted Online

Detailed instructions to be followed by the Bidders for online submission of response to RfS as stated as **Annexure-B** of the RfS. The bidders shall strictly follow the instructions mentioned in the electronic form in respective technical bid and financial bid while filling the forms.

If the Bidder has submitted bid online and fails to submit the DDs/Pay order against bid processing fee offline within 2 working days from last date of bid submission, then the same shall be treated as incomplete bid and Bid Processing fee submitted shall be encashed.

All documents of the response to RfS submitted online must be digitally signed and uploaded on the website, <https://www.bharat-electronictender.com> which should contain the following:

I. Technical Bid (First Envelope)

The Bidder shall upload single technical bid containing scanned copies of the following documents duly signed and stamped on each page by the authorized signatory as mentioned below.

- a. Formats - 7.1, 7.2 (if applicable), 7.3 A/7.3 B, 7.4, 7.5 (if applicable), 7.6, 7.7, and 7.8/7.8A as elaborated in Clause 21 of the RfS.
- b. All attachments elaborated in Clause 21 of the RfS, under the sub-clause xi: Attachments, with proper file names.
- c. Priority list of the as many buildings as possible including the installation capacity as an Annexure to Format 7.1.
- d. All supporting documents regarding meeting the eligibility criteria.
- e. Scanned Copies of NEFT/RTGS details towards Bid Processing Fee as mentioned in Bid Information Sheet.

The Bidder will have to fill the Electronic Form provided at the ISN-ETS portal as part of Technical Bid.

Submission of Pass-phrases: In line with Clause 22.8 and **Annexure-B**, the Bidder shall be required to submit the Pass-Phrase to decrypt the relevant Bid-part is submitted into the 'Time Locked Electronic Key Box (EKB)' after the deadline of Bid submission, and before the commencement of the Online Tender Opening Event (TOE) of Technical bid.

II. Financial Bid (Second Envelope)

- a) Bidders shall submit the single Financial Bid containing the scanned copy of following document(s):
 - i. Covering letter as per Format - 7.9 of the RfS

b) Bidding Parameter:

- i. A single levelized tariff as a bidding parameter: Under this RfS, the bidding parameter shall be the tariff quoted by the Bidder i.e., a fixed tariff in Rs./kWh for the term of the PPA.
- ii. The above tariff-fixed for the term of the PPA-shall include all costs related to the Scope of Work as per the RfS and Obligations of the SPD under the PPA. The Bidder shall quote for the entire facilities on a "single responsibility" basis such that the tariff covers all the obligations in respect of Design, Supply, Erection, Testing and Commissioning including Warranty, Operation & Maintenance (25 years), inclusive of all taxes. The fixed tariff should be quoted while accounting for the cost of grid-connectivity and net metering application/ security deposit etc. All costs associated with net-metering will have to be borne by the successful Bidder/SPD.
- iii. The tariff shall remain firm and fixed and shall be binding on the Successful Bidder/SPD for the Term of the PPA irrespective of actual cost of execution of the Project. No escalation on the tariff will be granted for any reason whatsoever. The

SPD shall not be entitled to claim any additional charges, even though it may be necessary to extend the completion period for any reasons whatsoever.

- iv. The fixed tariff shall be inclusive of all duties and taxes, insurance etc. The prices quoted by the firm shall be complete in all respect and no price variation/adjustment shall be payable by the Client Organization. However, statutory variation of taxes and duties may be paid by the Client Organization.
- v. **Only a single tariff bid for the cumulative Project capacity quoted by the bidders, shall have to be filled online in the Electronic Form provided at the ISN-ETS portal. The instructions mentioned in the Financial Bid Electronic Form have to be strictly followed without any deviation, else the bid shall be considered as non-responsive.**
- vi. **Important Note:**
- (a) The Bidding envelope shall be properly sealed with the signature of the Authorized Signatory running across the sealing of the envelope.
- (b) In case the Bidder submits the online documents on ISN-ETS within the bid submission deadline and fails to submit the pass phrases in the ETS portal within 2 working days after bid submission deadline, the online bid of the Bidder shall not be opened and shall be ‘archived’ on the ISN-ETS portal. Similarly, bids submitted offline but without any online submission on ISN-ETS portal shall not be opened.
- For e.g., if the bid submission deadline is 18:00 hrs. on 05.10.2023, the above deadline will expire at 18:00 hrs. on 07.10.2023. In case of the above deadline being a holiday, the next working day in SECI will be the deadline for online submission of Pass-phrases in the ETS portal.

25 *Validity of the Response to RfS*

The Bidder shall submit the response to RfS which shall remain valid up to the date as on 12 months from the last date of bid submission (“Bid Validity”). SECI reserves the right to reject any response to RfS which does not meet the aforementioned validity requirement.

26 *Bid Preparation Cost*

The Bidder shall be responsible for all the costs associated with the preparation of the response to RfS and participation in discussions and attending pre-bid meeting(s) etc. SECI shall not be responsible in any way for such costs, regardless of the conduct or outcome of the bid process.

27 *Clarifications/ Pre-Bid Meeting/ Enquiries/ Amendments*

- 27.1 Clarifications/ Doubts, if any, on RfS document may be emailed and/ or through ISN-ETS portal. The format for submission of clarifications is available on the portal.
- 27.2 SECI will make effort to respond to the same in the Pre-Bid Meeting to be held as mentioned in the Bid Information Sheet. A compiled list of such questionnaire and

SECI's response will be uploaded in the ISN-ETS portal <https://www.bharat-electronictender.com>. If necessary, amendments, clarifications, elaborations shall be issued by SECI which will be notified on SECI/ ISN-ETS web site. No separate reply/intimation will be given for the above, elsewhere.

- 27.3 A Pre-Bid Meeting shall be held as mentioned in the Bid Information Sheet (Venue to be notified later on SECI's website).
- 27.4 Enquiries/ Clarifications up to award of contract may be sought by the Bidder from following point of contacts in SECI

<u>Name of the Authorized Person of SECI:</u>	<u>Contact Details:</u>
Sh. Ajay k Sinha AGM (C&P)	Phone (Off): 011-24666200 Email: contracts@seci.co.in
Sh. Pratik Prasun Sr. Manager (C&P)	Phone (Off): 011-24666237 Email: pratikpr@seci.co.in
Sh. Abhisekh Srivastav Manager (C&P)	Phone (Off): 011-24666260 Email: abhisekhsri@seci.co.in
Sh. Swapnil Gandhi Sr. Engineer (C&P)	Phone (Off): 011-24666359 Email: swapnil.gandhi@seci.co.in

- 27.5 Bidders/SPDs may contact SECI's following points of contact for inquiries, clarifications, or authorizations after issuance of LoA, during execution stage and after Project Commissioning:

<u>Name of the Authorized Person of SECI:</u>	<u>Contact Details:</u>
Sh. Sanjay Sharma Director (Solar)	Phone (Off): 011-24666200
Sh. M. Karukkuvel Sr. Manager (Solar)	Phone (Off): 011-24666247 Email: m.karukkuvel@seci.co.in
Sh. Alankar Saxena Manager (Solar)	Phone (Off): 011-24666265 Email: alankar@seci.co.in
Sh. Aman Gautam Sr. Engineer (Solar)	Phone (Off): 011-24666373 Email: aman.gautam.seci@seci.co.in

28 *Right of SECI to Reject a Bid*

SECI reserves the right to reject any or all of the responses to RfS or cancel the RfS or annul the bidding process for any project at any stage without assigning any reasons whatsoever and without thereby any liability. In the event of the tender being cancelled at any stage, the processing fee (excluding GST, if amount credited to SECI's account), without any interests, and EMD submitted by the Bidders shall be returned to the respective Bidders (if applicable).

29 *Post Award Compliances*

Timely completion of all the milestones i.e. signing of PPA, meeting Conditions Subsequent (PPA), Commissioning etc. will be the sole responsibility of SPD. SECI/Client Organization shall not be liable for issuing any intimations/ reminders to SPDs for timely completion of milestones and/ or submission of compliance documents.

Any checklist shared with SPD by SECI and/or Client Organization for compliance of above-mentioned milestones to be considered for the purpose of facilitation only. Any additional documents required as per the conditions of RfS and PPA must be timely submitted by the SPD.

SECTION 4. QUALIFICATION REQUIREMENTS FOR BIDDERS

Shortlisting of Bidders will be based on the following Criteria:

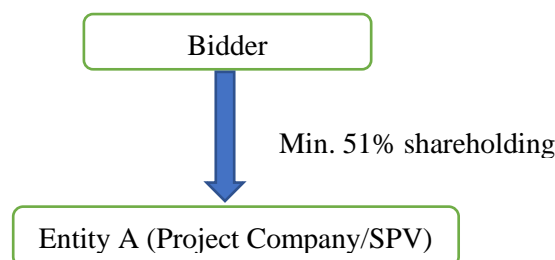
30 *General Eligibility Criteria*

Bidders participating in the RfS will be required to meet the following eligibility criteria (as applicable).

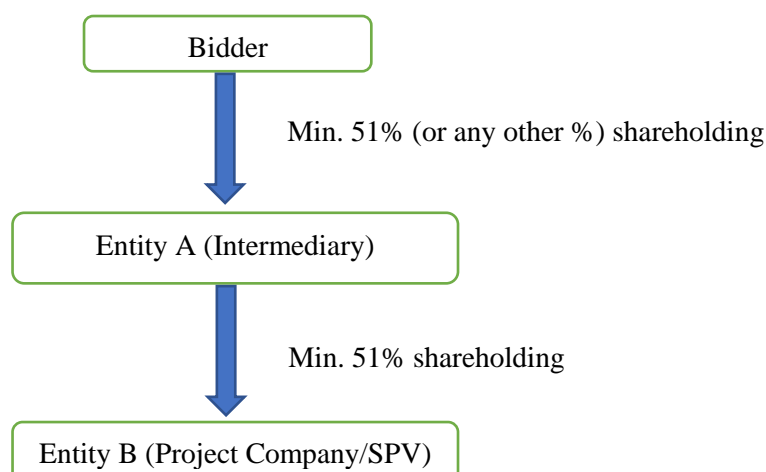
- 30.1 The Bidder shall be a Company or a Limited Liability Partnership as defined.
- 30.2 Bidding Consortium with one of the Companies as the Lead Member. Consortium shortlisted and selected based on this RfS has to necessarily form a Project Company and get it registered under the Companies Act, 2013 prior to signing of PPA, keeping the original shareholding of the Bidding Consortium unchanged. In case applications for multiple Projects have been made by a Consortium, separate Project Companies can be formed for each Project. For the avoidance of doubt, it is hereby clarified that the shareholding pattern of the Project Company shall be the identical to the shareholding pattern of the Consortium as indicated in the Consortium Agreement (Format 7.5).
- 30.3 A foreign company cannot participate on a standalone basis or as a member of consortium under this RfS.
- 30.4 In line with the O.M. issued by the Department of Expenditure, Ministry of Finance, vide No. 6/18/2019-PPD dated 23.07.2020 and subsequent amendments and clarifications thereto, the Bidder shall meet the following criteria for its bid to be considered for evaluation under the RfS:
- i. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority (as defined in the OM as referred above).
 - ii. “Bidder” in this reference, means any person or firm or company, including any member of a consortium, every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in this tender.
 - iii. “Bidder from a country which shares a land border with India” for the purpose of this clause, means:
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium where any member of the consortium falls under any of the above.
 - iv. In support of the above, the Bidder shall be required to submit necessary Undertaking, as per Format 7.8/7.8A of the RfS.

- v. Other provisions of the referred OM dated 23.07.2020, except Sl. 11 of the OM, will also be applicable for this tender. Any interpretation of the above clauses will be made in line with the referred OM, including subsequent amendments and clarifications thereto.
- 30.5 In case of a Limited Liability Partnership (LLP) participating as a Bidder and in case of the LLP being declared as a Successful Bidder, the LLP shall be required to incorporate an SPV, as mentioned in Clause 30.6 below, prior to signing of PPA.
- 30.6 A Bidder which has been selected as Successful Bidder based on this RfS can also execute the Project through a Special Purpose Vehicle (SPV) i.e., a Project Company especially incorporated/acquired as a subsidiary Company of the successful bidder for setting up of the Project, with at least 51% shareholding in the SPV which has to be registered under the Indian Companies Act, 2013, before signing of PPA. Multiple SPVs may also be utilized for executing more than one Project.
- 30.7 Any consortium, if selected as Successful Bidder for the purpose of supply of power to SECI, shall incorporate a Project company with equity participation by the Members in line with consortium agreement (to be submitted along with the response to RfS) before signing of PPA with SECI, i.e. the Project Company incorporated shall have the same shareholding pattern as that indicated in the Consortium Agreement given at the time of submission of response to RfS. This shall not change till the signing of PPA and the Controlling Shareholding (held by the Lead Member holding not less than 51% of the voting rights and paid up share capital) shall not change from submission deadline of response to RfS up to one year after the COD of the Project, except with the prior approval of SECI.
- 30.8 The Bidder or any of its Affiliates should not be a wilful defaulter to any lender, and that there is no major litigation pending or threatened against the Bidder or any of its Affiliates which are of a nature that could cast a doubt on the ability or the suitability of the Bidder to undertake the Project. The Bidder shall submit an undertaking to this effect.
- 30.9 For avoidance of doubt, it is clarified that the fully owned subsidiary Company as mentioned in Clauses 30.3 and 30.6 above should be an immediate subsidiary of the bidder, without any intermediaries involved. The following illustrations are provided to clarify the same:

Scenario 1:



Scenario 2:



As per provisions of the RfS, only Scenario 1 will be permissible under this RfS.

31 Technical Eligibility Criteria

- 31.1 Under this RfS, it is proposed to promote only commercially established and operational technologies to minimize the technology risk and to achieve timely commissioning of the Projects. The Bidder is required to undertake to furnish evidence of meeting the above criteria in line with provisions of the RfS. The undertaking shall be submitted as per enclosed Format 7.8.
- 31.2 Detailed technical parameters for Solar PV Projects to be met by SPDs are at **Annexure-A**. The Bidders shall strictly comply with the technical parameters detailed in the **Annexure-A**. Further, the provisions as contained in the O.M. dated 10.03.2021 issued by MNRE on the subject “Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement of Compulsory Registration) Order, 2019-Implementation-Reg.” and its subsequent amendments and clarifications issued until the bid submission deadline, shall be applicable for this RfS. The modules used in the Project under this RfS should have been included in the List-I under the above Order, valid as on the date of invoicing of such modules.
- 31.3 The Bidder must have experience in Design, Supply, Installation & Commissioning of Grid Connected Solar PV Power Plants of cumulative Capacity **not less than 50% of quoted capacity** in the last 07 (Seven) Financial Years prior to the bid submission deadline of this RfS. The Solar PV Power Plants must be commissioned and should be operating satisfactorily for a period not less than 1 year. The last date of bid submission will be the cut-off date for consideration of such experience.

AND

The Bidder must have experience in Design, Supply, Installation & Commissioning of at least 02 (Two) Grid Connected Solar PV Power Plants of individual minimum capacities of **not less than 50 kW** in the last 07 (Seven) Financial Years prior to the bid submission deadline of this RfS. The Solar PV Power Plants and Solar Systems must be commissioned and should be operating satisfactorily for a period not less than 01 year.

The last date of bid submission will be the cut-off date for consideration of such experience.

The Bidder shall submit applicable contract(s) and Project commissioning certificate(s) for the respective Project(s) and a certificate from the respective client(s) certifying satisfactory operation of the plant(s).

The bidder may submit the experience of the ground mounted or Rooftop Solar PV projects to meet the above said technical criteria.

32 Financial Eligibility Criteria

32.1 Net-Worth

- i. The Net Worth of the Bidder should be greater than or equal to **INR 1.028 Cr./MW (Indian Rupees 1,02,80,000/- per MW)** of the quoted capacity, as on the last date of previous Financial Year, i.e., FY 2022-23.
- ii. The net worth to be considered for the above purpose will be the cumulative net-worth of the Bidding Company or Consortium, together with the Net Worth of those Affiliates of the Bidder(s) that undertake to contribute the required equity funding and PBG in case the Bidder(s) fail to do so in accordance with the RfS.
- iii. Net Worth to be considered for this clause shall be the total Net Worth as calculated in accordance with the Companies Act, 2013 and any further amendments thereto.

AND

32.2 Minimum Average Annual Turnover

The Bidder shall demonstrate a Minimum Average Annual Turnover (MAAT) of **INR 2.056 Cr./MW** (Indian Rupees 2,05,60,000/- per MW) of the quoted capacity during the last three financial years, i.e., 2022-23, 2021-22, and 2020-21. It is hereby clarified that "Other Income" as indicated in the annual accounts of the Bidder shall not be considered for arriving at the annual turnover.

AND

32.3 Liquidity

The Bidder shall demonstrate Working Capital or Line of Credit with a letter from the bidder's bank, having net worth not less than INR 500 Crores for the last Financial Year, 2022-23, for a minimum amount of **INR 1.285 Cr./MW** (Indian Rupees 1,28,50,000/- per MW) of the quoted capacity.

**In case of tender having the submission deadline up to 30th September of the relevant financial year and audited financial results of immediate financial year being not available, the bidder has an option to submit the audited financial result of year immediately prior to relevant financial year. In case the bid submission deadline is after 30th September of the relevant financial year, bidder has to compulsorily submit the audited financial results of immediately preceding financial year.*

- 32.4 The Bidder may seek qualification on the basis of financial capability of its Affiliate(s) for the purpose of meeting the qualification requirements as per Clauses 32.1, 32.2 and 32.3 above. In case of the Bidder being a Bidding Consortium, any Member may seek qualification on the basis of financial capability of its Affiliate. In this case, a Bidder can use the credential of only a single affiliate to meet all the financial eligibility criteria. In such cases, the Bidder shall be required to submit Board Resolutions from the respective Affiliate, undertaking to contribute the required equity funding and Performance Bank Guarantees/POI in case the Bidder(s) fail to do so in accordance with the RfS. In case of non-availability of the Board Resolution as required above, a letter from the CEO/ Managing Director of the respective Affiliate, undertaking the above, shall be required to be submitted and the requisite Board Resolution from the Affiliate shall be required to be submitted prior to signing of PPA.
- 32.5 For the purposes of meeting financial requirements, only latest unconsolidated audited annual accounts shall be used. However, audited consolidated annual accounts of the Bidder may be used for the purpose of financial requirements provided the Bidder has at least twenty six percent (26%) equity in each Company whose accounts are merged in the audited consolidated account.
- 32.6 A Company/Consortium would be required to submit annual audited accounts for the last FY, 2022-23, or as on the day at least 7 days prior to the bid submission deadline, along with net worth, annual turnover, working capital certificate (if applicable) from a practicing Chartered Accountant/Statutory Auditor to demonstrate fulfillment of the criteria.

Note: In case of bidder seeking eligibility using credential of foreign Parent/Ultimate Parent/Affiliate entity, in the event the Bidder is unable to furnish the audited annual accounts for the previous financial year as per the prevalent norm in the respective country, the Bidder shall submit the annual audited accounts of the last financial year for which the audited accounts are available. This, however, would be acceptable, subject to the condition that the last date of response to this RfS falls on or within the deadline for completion of audit of annual accounts of companies, as stipulated by the laws/rules of the respective country, and the Bidder shall submit the corresponding documentary evidence against the same. In case the annual accounts or provisional accounts as on the day at least 7 days prior to the bid submission deadline, are submitted in a language other than English, a certified English translation from an approved translator shall be required to be submitted by the Bidder.

- 32.7 For meeting the above financial eligibility criteria, if the data is provided by the Bidder in a foreign currency, equivalent Indian Rupees of Net Worth and other financial parameters will be calculated by the Bidder using Reserve Bank of India's reference rates prevailing on the date of closing of the accounts for the respective financial year. In case of any currency for which RBI reference rate is not available, Bidders shall convert such currency into USD as per the exchange rates certified by their banker prevailing on the relevant date and used for such conversion. After such conversion, Bidder shall follow the procedure/ submit document as elaborated in Clause 32.6 above.

- 32.8 In case the response to RfS is submitted by a Consortium, then the financial eligibility requirement to be met by each Member of the Consortium shall be computed in proportion to the equity commitment made by each member in the Project Company.

For example, if two companies A and B form a Consortium with equity participation in 70:30 ratio and submit their bid for a capacity of 10 MW, then, total Net-Worth to be met by the Consortium is Rs. 1.028 Crores x 10 MW = Rs. 10.28 Crores. Minimum requirement of Net-Worth to be met by Member A would be Rs. 7.196 Crores and the one to be met by Member B would be Rs. 3.084 Crores. Similar methodology shall be followed for computation of other requirements.

SECTION 5. BID EVALUATION AND SELECTION OF PROJECTS

33 *Bid Evaluation*

Bid evaluation will be carried out considering the information furnished by Bidders as per provisions of this RfS. The detailed evaluation procedure and selection of bidders are described in subsequent clauses in this Section.

34 *Techno-Commercial Evaluation of Bidders (Step 1)*

- 34.1 Bid opening (online) will be done only after the deadline for submission of pass-phrases in the ETS portal.

For e.g., if the bid submission deadline is 18:00 hrs. on 05.07.2023, the online bid opening will be conducted on 08.07.2023. In case of the above deadline being a holiday, the bids will be opened on the next working day.

- 34.2 Documents (as mentioned in the previous clause) received after the bid submission deadline as specified by SECI, shall be rejected and returned unopened, if super-scribed properly with address, to the bidder.
- 34.3 Subject to Clause 23 of the RfS, SECI will examine all the documents submitted by the Bidders and ascertain meeting of eligibility conditions prescribed in the RfS. During the examination of the bids, SECI may seek clarifications/additional documents to 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 SECI within 07 (seven) days from the date of such intimation from SECI. All correspondence in this regard shall be made through email/ISN-ETS portal only. It shall be the responsibility of the Bidder to ensure that the email id of the authorized signatory of the Bidder is functional. The Bidder may provide an additional email id of the authorized signatory in the covering letter. No reminders in this case shall be sent. It shall be the sole responsibility of the Bidders to remove all the discrepancies and furnish additional documents as requested. SECI shall not be responsible for rejection of any bid on account of the above.
- 34.4 The response to RfS submitted by the Bidder shall be scrutinized to establish Techno-Commercial eligibility as per the RfS.

35 *Financial Bid Evaluation (Step 2)*

- 35.1 In this step evaluations of Techno-Commercially Qualified Bids shall be done based on the “Fixed Tariff”, quoted by the Bidder in the Electronic Form of Financial Bid.
- 35.2 Second Envelope (containing Fixed Tariff) of only those bidders shall be opened whose technical bids are found to be qualified as per the RfS.
- 35.3 The Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company will have to submit a single bid (single application) quoting a single tariff in Indian Rupee per kWh for all the Projects applied for. **The tariff has to be quoted in Indian Rupee per kWh up to two places of decimal only.** If it is quoted with more than two

digits after decimal, digits after first two decimal places shall be ignored. (For e.g. if the quoted tariff is INR 2.337, then it shall be considered as INR 2.33).

- 35.4 In this step, evaluation will be carried out for the cumulative Project capacity, separately within the maximum capacities based on the tariff quoted by Bidders.
- 35.5 On completion of Techno-Commercial bid evaluation, if only one or two Bidder(s) is/are eligible for the next stage, opening of the financial bid of the Bidder(s) will be at the discretion of SECI. Thereafter, SECI will take appropriate action as deemed fit.
- 35.6 Based on the fixed tariff quoted by the bidders, SECI shall arrange the bids in the ascending order i.e., L1, L2, L3, etc. (L1 being the lowest quote).
- 35.7 If the fixed tariff quoted is same for two or more Bidders, then all the Bidders with same tariff shall be considered of equal rank/ standing in the order.

However, in case of capacity bid by the same ranking bidders exhausts the maximum capacity, the remaining capacity to be allocated to the same ranking bidders will be split in pro rata basis on the ratio of the capacity bid by them.

- 35.8 Ranking of bidders after Financial Bid Evaluation: Following illustrates an example of ranking of bidders after financial bid opening and evaluation.

For e.g. (Shortlisting of Bidders for L1 matching and selection of successful bidder):

Total capacity of the techno-commercially shortlisted bidders= 20 MW

Techno-commercially qualified Bidder	Rank based on quoted tariff	Quoted capacity in MW	Eligible capacity for award	Shortlisted bidders for L1 matching
B4	L1	2	15 MW	<i>B4</i>
B7	L2	3		<i>B7</i>
B3	L3	2		<i>B3</i>
B1	L3	1		<i>B1</i>
B5	L4	4		<i>B5</i>
B6	L5	2		<i>B6</i>
B2	L6	1		<i>B2</i>
B8	L7	3		
B9	L8	2		

36 Not Used

37 L-1 Matching and Selection of Successful Bidders

- 37.1 The Bidder quoting the lowest tariff (L1 tariff) will be identified and shall be declared as the Successful Bidder. In case of multiple Bidders quoting the L1 tariff, all such Bidders (“L1 Bidders”) will be declared as Successful Bidders and based on the priority list submitted by the L1 bidder (annexure to format 7.1), the L1 bidder will be allocated

the quoted capacity and the buildings prioritized by them till the quoted capacity is exhausted.

- 37.2 The Bidders other than the L1 Bidder(s) will be given a period of 7 days to match the L1 tariff. In case a Bidder wishes to match the L1 tariff, such matching shall be communicated to SECI only through email. The 7-day period shall commence from the date on which the L1 tariff is intimated to all the eligible Bidders (through email), and will culminate at 11:59:59 PM of the 7th day after such intimation by SECI.

For example: In case SECI intimates the L1 tariff on 05.10.2023, the above deadline for L1 matching shall expire at 11:59:59 PM on 12.10.2023. Any communication after the expiry of the above deadline will not be entertained, and decision taken by SECI in this regard shall be final and binding on all parties.

Note: Matching of the L1 Tariff does not guarantee the allotment of the capacity quoted by the Bidder. The capacity allocation will be done based on the tariff quoted by the Bidders in their financial bid as elaborated in Clause 37.3 below.

- 37.3 For the remaining capacity (if any) subsequent to allocation of the capacity and buildings to the L1 bidder as per Clause 37.1, the ranking of the bidders as per Clause 35.6 shall be modified based on the Bidders' matching of L1 tariff in line with Clause 37.2. In other words, the Bidders (L2 onwards as per Clause 35.6) matching the L1 tariff shall be arranged in ascending order of the tariff quoted by them in their financial bid.
- 37.4 In case two or more Bidders quote the exact same tariff (INR/kW), such tie will be prioritized based on the CUF quoted by the bidder and if the CUFs are also the same, then the bidders will be prioritized based on the Net worth. In case the Net worth of the bidders is also same then the bidders will be prioritized based on the quantum of the capacity quoted by the bidder and if the quantum of the capacity quoted by the bidders is also same, then the successful bidder(s) will be selected based on the draw of lots.
- 37.5 Further, subject to the capacity to be allocated, in case of partial capacity allotment to the last Successful Bidder, the Bidder shall have an option to refuse such partially allocated capacity and in this case the EMD submitted by such Bidder shall be returned along with the unsuccessful Bidders. Such refusal shall be intimated to SECI within 7 days of issuance of the LoAs by SECI, failing which, the awarded capacity shall be deemed to be accepted by the said Bidder.
- 37.6 At this stage, only L1 matching requests will be entertained. Capacity modification for a Bidder will not be taken up at this stage.
- 37.7 There shall be no negotiation on the quoted price/Fixed tariff between SECI and the Bidder(s) during the process of evaluation/L1 matching.

38 Allocation of Buildings and Issuance of LOAs

38.1 Allocation of buildings:

Subsequent to L1 matching, allocation of buildings (i.e. the installations under MCD as per Annexure-C of the RfS) will be carried out by SECI as per the following methodology:

- Allocation of buildings will be carried out based on the choices of buildings submitted by the bidders as part of their response to RfS.
- The L1 bidder as discovered after financial bid opening, shall be allocated its choice of buildings first, followed by allocation of buildings by the next highest ranked bidder, and so on.
- In case of 2 or more bidders submitting one or more common buildings as part of their respective list of chosen buildings, the highest ranked bidder (based on the ranking of bids after opening of price bids), will be given priority in allocation of such buildings, and the respective buildings will be removed from the list of buildings eligible for the remaining bidders.
- The above process will be carried out until the list of buildings submitted by the bidders is exhausted or the total tendered capacity is reached, whichever is earlier. All such bidder(s) will be identified and shall be declared as the Successful Bidder(s).

Illustration:

Assuming the number of buildings for which bids have been received is 15 (S1, S2, S3, ... S15).

Successful Bidder after L1 matching	Ranking of the Bidder after opening of price bids	List of buildings quoted at the time of bid submission	Allocation of buildings by SECI
B4	L1	S1, S4, S7, S8, S9	S1, S4, S7, S8, S9
B7	L2	S1, S2, S4, S8, S10, S11	S2, S8, S10, S11
B3	L3	S1, S2, S3, S4, S5, S8, S9	S3, S5
B1	L3	S2, S3, S4, S8	-
B5	L4	S3, S4	-
B6	L5	S14, S15	S14, S15
B2	L6	S1, S7, S12, S13	S12, S13

Subsequent to the allocation of buildings (as illustrated above in Clause 38.1) to the Successful Bidders as per the respective quoted capacities, the balance capacity (after allocation of buildings) of the quoted capacity submitted by the bidders other than L1 bidder, will be filled with the remaining buildings under Annexure-C (after allocation of buildings to all the Successful Bidders) as per Clause 18.5 of the RfS.

38.2 Issuance of LoAs:

At the end of selection process, Letters of Award (LoAs) will be issued to the Successful Bidders identified as per the provisions of Clause 37.

In case of a Consortium being selected as the successful Bidder, the LoA shall be issued to the Lead Member of the Consortium.

Each Successful Bidder shall acknowledge the LoA and return duplicate copy with signature of the authorized signatory of the Successful Bidder to SECI within 07 (Seven) days of issue of LoA, failing which it will be deemed to have been accepted by the Bidder.

If the Successful Bidder, to whom the LoA has been issued does not fulfil any of the conditions specified in Bid document, then SECI reserves the right to annul/cancel the award of the Letter of Award of such Successful Bidder.

In all cases, SECI's decision regarding selection of Bidder based on tariff or annulment of tender process shall be final and binding on all participating bidders.

39 *Inspection and Audit by the Government*

The Successful bidder shall permit SECI to inspect the Successful bidder's site, accounts and records relating to the performance of the SPD and to have them audited by auditors appointed by the SECI, if so, required by the SECI any time.

40 *Debarment from Participating in SECI's Future Tenders*

- 40.1 SECI reserves the right to carry out the performance review of each Bidder/SPD from the time of submission of Bid. In case it is observed that a bidder/SPD has not fulfilled its obligations in meeting the various timelines envisaged, in addition to the other provisions of the RfS, such Bidders may be debarred from participating in SECI's any future tender for a period as decided by the competent authority of SECI.
- 40.2 Any Projects which are already installed or commissioned before the issuance of LoA shall be construed as fraudulent activity in which case Successful bidder(s)/SPD may be debarred from participating in SECI's future tenders for a period as decided by the competent authority of SECI. However, such locations, where there are already installed or commissioned Projects, may be used for installation of additional capacity with the prior approval of SECI and MCD.

SECTION 6. DEFINITIONS OF TERMS

41 Following terms used in the documents will carry the meaning and interpretations as described below:

- 41.1 **"ACT" or "ELECTRICITY ACT, 2003"** shall mean the Electricity Act, 2003 and include any modifications, amendments and substitution from time to time.
- 41.2 **"AFFILIATE"** shall mean a company that, directly or indirectly,
- i. controls, or
 - ii. is controlled by, or
 - iii. is under common control with, a company developing a Project or a Member in a Consortium developing the Project and control means ownership, directly or indirectly, of more than 50% (fifty percent) of the voting shares of such company or right to appoint majority Directors.
- 41.3 **"B.I.S."** shall mean specifications of Bureau of Indian Standards (BIS).
- 41.4 **"BID" or "PROPOSAL"** shall mean the documents submitted by the Bidder towards meeting the techno-commercial and financial qualifying requirements, along with the price bid submitted by the Bidder, if applicable, as part of its response to the RfS issued by SECI.
- 41.5 **"BIDDER"** shall mean Bidding Company or a Bidding Consortium submitting the Bid. Any reference to the Bidder includes Bidding Company/ Bidding Consortium, Member of a Bidding Consortium including its successors, executors and permitted assigns and Lead Member of the Bidding Consortium jointly and severally, as the context may require.
- 41.6 **"BIDDING CONSORTIUM" or "CONSORTIUM"** shall refer to a group of Companies that collectively submit the response in accordance with the provisions of this RfS under a Consortium Agreement.
- 41.7 **"BID CAPACITY"** shall mean aggregate project capacity of the Solar PV Power Project(s) as proposed by the Bidder.
- 41.8 **"CAPACITY UTILIZATION FACTOR or CUF"** shall have the same meaning as provided in CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2009 as amended from time to time.

For illustration, CUF shall be calculated based on the annual energy injected and metered at the Delivery Point. In any Contract Year, if 'X' MWh of energy has been metered out at the Delivery Point for 'Y' MW Project capacity, $CUF = (X \text{ MWh} / (Y \text{ MW} * 8766)) * 100\%$.

It may be noted that in the above illustration, the capacity 'Y' MW shall refer to the Contracted Capacity in terms of the PPA.

- 41.9 **"CEA"** shall mean Central Electricity Authority.

41.10 **“CHARTERED ACCOUNTANT”** shall mean a person practicing in India or a firm whereof all the partners practicing in India as a Chartered Accountant(s) within the meaning of the Chartered Accountants Act, 1949.

For Bidders incorporated in countries other than India, “Chartered Accountant” shall mean a person or a firm practicing in the respective country and designated/ registered under the corresponding Statutes/ laws of the respective country.

41.11 **“CLIENT ORGANIZATION”** shall mean the Municipal Corporation of Delhi (MCD) and/or its organization authorized to sign the PPA with the SPD.

41.12 **“COMPANY”** shall mean a body corporate incorporated in India under the Companies Act, 2013 or any law in India prior thereto relating to Companies, as applicable.

41.13 **“COMMERCIAL OPERATION DATE (COD)”** shall mean as defined in PPA.

41.14 **“CONTRACTED CAPACITY”** shall mean the AC capacity in kW/MW contracted with the Client Organization for supply of power by the SPD to the Client Organization at the Delivery Point from the Project, based on which the PPA is executed with the Client Organization.

41.15 **“CONTRACT YEAR”** shall mean the period beginning from the Effective Date of the PPA and ending on the immediately succeeding 31st March and thereafter each period of 12 months beginning on 1st April and ending on 31st March provided that:

- i. In the financial year in which the Scheduled Commissioning Date would occur, the Contract Year shall end on the date immediately before the Scheduled Commissioning Date and a new Contract Year shall commence once again from the Scheduled Commissioning Date and end on the immediately succeeding 31st March, and thereafter each period of 12 (Twelve) Months commencing on 1st April and ending on 31st March, and
- ii. Provided further that the last Contract Year of this Agreement shall end on the last day of the Term of this Agreement.

41.16 **“CONTROL”** shall mean the ownership, directly or indirectly, of more than 50% (fifty percent) of the voting shares of such Company or right to appoint majority Directors.

41.17 **“CONTROLLING SHAREHOLDING”** shall mean more than 50% of the voting rights and paid up share capital in the Company/ Consortium.

41.18 **“DAY”** shall mean calendar day.

41.19 **“EFFECTIVE DATE”** shall mean the date of signing of the Power Purchase Agreement (PPA) executed by both the parties.

41.20 **“EQUITY”** shall mean Net Worth as defined in Companies Act, 2013.

41.21 **“GROUP COMPANY”** of a Company means

- i. a Company which, directly or indirectly, holds 10% (Ten Percent) or more of the share capital of the Company or;

- ii. a Company in which the Company, directly or indirectly, holds 10% (Ten Percent) or more of the share capital of such Company or;
- iii. a Company in which the Company, directly or indirectly, has the power to direct or cause to be directed the management and policies of such Company whether through the ownership of securities or agreement or any other arrangement or otherwise or;
- iv. a Company which, directly or indirectly, has the power to direct or cause to be directed the management and policies of the Company whether through the ownership of securities or agreement or any other arrangement or otherwise or;
- v. a Company which is under common control with the Company, and control means ownership by one Company of at least 10% (Ten Percent) of the share capital of the other Company or power to direct or cause to be directed the management and policies of such Company whether through the ownership of securities or agreement or any other arrangement or otherwise;

Provided that a financial institution, scheduled bank, foreign institutional investor, Non-Banking Financial Company, and any mutual fund, pension funds and sovereign funds shall not be deemed to be Group Company, and its shareholding and the power to direct or cause to be directed the management and policies of a Company shall not be considered for the purposes of this definition unless it is the Project Company or a Member of the Consortium developing the Project.

- 41.22 **“IEC”** shall mean specifications of International Electro-Technical Commission.
- 41.23 **“INTER-CONNECTION POINT/ DELIVERY/ METERING POINT”** shall be the single point, at a location mutually agreed by the SPD and Client Organization, in line with applicable regulation/ rules where Solar Power is delivered by the SPD from the Project to the Client Organization.
- 41.24 **“JOINT CONTROL”** shall mean a situation where a company has multiple promoters (but none of the shareholders has more than 50% of voting rights and paid up share capital).
- 41.25 **“LEAD MEMBER OF THE BIDDING CONSORTIUM”** or **“LEAD MEMBER”**: There shall be only one Lead Member, having the shareholding of not less 51% in the Bidding Consortium.
- Note: The shareholding of the Lead member in the Project Company (Special Purpose Vehicle) cannot be changed until 01 (one) year after the Commercial Operation Date (COD) of the Project.*
- 41.26 **“LETTER OF AWARD”** or **“LoA”** shall mean the letter issued by Solar Energy Corporation of India Limited (SECI) to the selected Bidder for award of the cumulative Project capacity.
- 41.27 **“LIMITED LIABILITY PARTNERSHIP”** or **“LLP”** shall mean a Company governed by Limited Liability Partnership Act 2008 or as amended.

- 41.28 **“MEMBER IN A BIDDING CONSORTIUM”** or **“MEMBER”** shall mean each Company in a Bidding Consortium. In case of a Technology Partner being a member in the Consortium, it has to be a Company.
- 41.29 **“MONTH”** shall mean calendar month.
- 41.30 **“NET-WORTH”** shall mean the Net-Worth as defined section 2 of the Companies Act, 2013.
- 41.31 **“PAID-UP SHARE CAPITAL”** shall mean the paid-up share capital as defined in Section 2 of the Companies Act, 2013.
- 41.32 **“PARENT”** shall mean a Company, which holds more than 50% voting rights and paid up share capital, either directly or indirectly in the Project Company or a Member in a Consortium developing the Project.
- 41.33 **“PROJECT”** or **“ROOFTOP SOLAR PV PROJECT”** or **“SOLAR POWER PROJECT”** shall mean a Solar Photovoltaic Project set up on a single rooftop or collection of rooftops having a single or multiple metering point(s). The Project shall include all units/modules, auxiliaries and associated facilities, structures, equipment, plant and machinery, facilities and related assets required for the efficient and economic operation of the power generation facility, whether completed or at any stage of development and construction or intended to be developed and constructed for the purpose of supply of power.
- 41.34 **“PROJECT CAPACITY”** shall mean the maximum AC capacity at the delivery point that can be scheduled on which the Power Purchase Agreement shall be signed.
- 41.35 **“PROJECT COMMISSIONING”**: The Project will be considered as commissioned if all equipment as per rated project capacity has been installed and energy has flown into grid, in line with the Commissioning procedures defined in the PPA.
- 41.36 **“PROJECT DEVELOPER”** or **“DEVELOPER”** or **“SOLAR POWER DEVELOPER (SPD)”** shall mean the Bidding Company or a Bidding Consortium participating in the bid and having been selected and allocated a Project capacity by SECI (through a competitive bidding process) {in case of the Successful Bidder/Bidding Consortium itself executing the Project}, or the SPV formed by the selected bidder/consortium for the purpose of setting up of the Project and signing of PPA with the Client Organization {in case of Project execution through SPV}.
- 41.37 **“RESCO”** shall mean Renewable Energy Service Companies.
- 41.38 **“RESCO MODEL”** shall mean a business model where the Project Developer sets up a Rooftop Solar PV Power Project on the rooftop of a building owned by a different entity, by obtaining right to access the rooftop/leasing the rooftop with the rooftop owning entity on mutually agreed terms and conditions, and enters into the PPA with rooftop owner/ DISCOM/ others for supply of Solar power for the term of the PPA. The Project Developer is responsible for construction, commissioning, ownership and operation of the Project for the entire term of the PPA at its own risk and cost.

- 41.39 **“ROOFTOP SOLAR PV” or “SOLAR PV”** shall mean solar PV array/system installed on the flat /inclined roof of the building/elevated platform on metallic or concrete structure minimum 10 feet above ground level/Ground mounted system (in the places where sufficient shadow free rooftop area is not available.) In such instance up to 40% Solar PV array/system capacity can be accommodated on nearby unutilised land subject to the SECI’s approval.
- 41.40 **“RfS” or “RfS DOCUMENT” or “BIDDING DOCUMENT(S)” or “TENDER DOOCUMENTS”** shall mean the “Request for Selection” document issued by SECI including standard Power Purchase Agreement along with subsequent clarifications and amendments thereof, vide RfS No. SECI/C&P/IPP/14/0002/23-24 dated 07.07.2023.
- 41.41 **“SECI”** shall mean Solar Energy Corporation of India Limited.
- 41.42 **“SCHEDULED COMMISSIONING DATE” or “SCD”** shall be the date as indicated in Clause 9 of the RfS.
- 41.43 **“SELECTED BIDDER” or “SUCCESSFUL BIDDER”** shall mean the Bidder selected pursuant to this RfS to set up the Project and supply electrical output as per the terms of PPA.
- 41.44 **“SOLAR PV PROJECT” or “SOLAR POWER GENERATING SYSTEM/ STATION” or “ROOFTOP SOLAR PV PROJECT”** shall mean the Solar Photo Voltaic Power Project that uses sunlight for direct conversion of solar energy into electricity through Photo Voltaic Technology.
- 41.45 **“TOE”** shall mean Tender Opening Event.
- 41.46 **“ULTIMATE PARENT”** shall mean a Company, which owns more than 50% (Fifty Percent) voting rights and paid up share capital, either directly or indirectly in the Parent and Affiliates.
- 41.47 **“WEEK”** shall mean calendar week.

SECTION 7. SAMPLE FORMS & FORMATS FOR BID

SUBMISSION

The following formats are required to be submitted as part of the RfS. These formats are designed to demonstrate the Bidder's compliance with the Qualification Requirements set forth in Section 4 and other submission requirements specified in the RfS.

Format 7.1

COVERING LETTER

**(The Covering Letter should be submitted on the Letter Head of the Bidding Company/
Lead Member of Consortium)**

Ref. No. _____

Date:

From: _____ (Insert name and address of Bidding Company/ Lead Member of Consortium)

Tel. #:

Fax #:

E-mail address#

To

Solar Energy Corporation of India Limited
6th Floor, Plate-B, NBCC Office Block Tower-2,
East Kidwai Nagar, New Delhi - 110 023

Sub: Response to RfS No. dated for (Insert title of the RfS)

Dear Sir/ Madam,

We, the undersigned [Insert name of the 'Bidder'] having read, examined and understood in detail the RfS including Qualification Requirements in particular, terms and conditions of the standard PPA for supply of power for the Term of the PPA to Client Organization, hereby submit our response to RfS.

We confirm that in response to the aforesaid RfS, neither we nor any of our Ultimate Parent Company/ Parent Company/ Affiliate/ Group Company has submitted response to RfS other than this response to RfS, directly or indirectly, in response to the aforesaid RfS (as mentioned in Format 7.8 under Disclosure) **OR** We confirm that in the response to the aforesaid RfS, we have a Group Company who owns more than 10% but less than 26% in the bidding company as well as other companies who may participate in this RfS, and accordingly, we have submitted requisite undertaking as per Format 7.8A in this regard {strike out whichever not applicable}.

We also confirm that we including our Ultimate Parent Company/ Parent Company/ Affiliate/ Group Companies directly or indirectly have not submitted response to RfS for more than cumulative capacity of 15 MW, including this response to RfS.

We are submitting RfS for the development of following Project(s): -

1. We give our unconditional acceptance to the RfS, dated [Insert date in dd/mm/yyyy] and standard PPA document attached thereto, issued by SECI. In token of our acceptance to the RfS and PPA along with the amendments and clarifications issued by SECI, the same have been digitally signed by us and enclosed with the response to RfS. We shall ensure that the PPA is executed as per the provisions of the RfS and provisions of PPA and shall be binding on us. Further, we confirm that the Project shall be commissioned within the deadline as per Clause 9 of the RfS.

2. Earnest Money Deposit (EMD): - (Please read Clause 15 carefully before filling)

We have enclosed EMD of INR (Insert Amount), in the form of Bank Guarantee/Payment on Order Instrument (POI) no. [Insert bank guarantee/Payment on Order Instrument number] dated [Insert date of bank guarantee/POI] as per Format 7.3A/7.3B from [Insert name of bank providing bank guarantee/POI] and valid up to.....in terms of Clause 15 of this RfS. The total Project capacity offered by us is MW [Insert cumulative capacity proposed]. (Strike off whichever is not applicable)

3. We hereby declare that in the event our Project capacity get selected and we are not able to submit Bank Guarantee of the requisite value(s) towards PBG, Service charges for the selected Project capacity, within due time as mentioned in Clauses 16 & 17 of this RfS and/or we are not able to sign PPA with the Client Organization within the timeline as stipulated in the RfS for the selected Projects, SECI shall have the right to encash the EMD/PBG submitted by us and return the balance amount (if any) for the value of EMD pertaining to unsuccessful capacity.

4. We have submitted our response to RfS strictly as per Section 7 (Sample Forms and Formats) of this RfS, without any deviations, conditions and without mentioning any assumptions or notes in the said Formats.

5. Acceptance:-

We hereby unconditionally and irrevocably agree and accept that the decision made by SECI in respect of any matter regarding or arising out of the RfS shall be binding on us. We hereby expressly waive and withdraw any deviations and all claims in respect of this process.

We also unconditionally and irrevocably agree and accept that the decision made by SECI in respect of award of Projects in line with the provisions of the RfS, shall be binding on us.

6. Familiarity with Relevant Indian Laws & Regulations: -
We confirm that we have studied the provisions of the relevant Indian Laws and Regulations as required to enable us to submit this response to RfS and execute the PPA with the Client Organization, in the event of our selection as Successful Bidder.
7. In case of our selection as the Successful Bidder under the scheme and the project being executed by a Special Purpose Vehicle (SPV) incorporated by us which shall be our subsidiary, we shall infuse necessary equity to the requirements of RfS. Further we will submit a Board Resolution prior to signing of PPA with SECI, committing total equity infusion in the SPV as per the provisions of RfS.
8. We are submitting our response to the RfS with formats duly signed as desired by you in the RfS online for your consideration.
9. It is confirmed that our response to the RfS is consistent with all the requirements of submission as stated in the RfS, including all clarifications and amendments and subsequent communications from SECI.
10. The information submitted in our response to the RfS is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our response to the RfS.
11. We undertake that the onus of locating the buildings/ rooftops and completing the other documentation like finalizing the Project report and entering into agreements with the buildings/ rooftops owners lies with us and that SECI does not bear any responsibility in this regard.
12. We confirm that all the terms and conditions of our Bid are valid up to _____
(Insert date in dd/mm/yyyy) for acceptance [i.e., a period up to the date as on 12 months from the last date of submission of response to RfS].

13. Contact Person

Details of the representative to be contacted by SECI are furnished as under:

Name :
 Designation :
 Company :
 Address :
 Phone Nos. :
 Mobile Nos. :
 Fax Nos. :
 E-mail address:

14. We have neither made any statement nor provided any information in this Bid, which to the best of our knowledge is materially inaccurate or misleading. Further, all the confirmations, declarations and representations made in our Bid are true and accurate. In case this is found to be incorrect after our selection as Successful Bidder, we agree that the same would be treated as our event of default under PPA and consequent provisions of PPA shall apply.

Dated the _____ day of _____, 20....

Thanking you,
We remain,
Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.

Annexure to Format 7.1

**PRIORITY LIST OF THE BUILDINGS INCLUDING THE INSTALLATION
CAPACITY**

**(To be submitted on the Letter Head of the Bidding Company/ Lead Member of
Consortium)**

Ref. No. _____

Date: _____

From: _____ (Insert name and address of Bidding Company/ Lead Member of
Consortium)

Tel. #:

Fax #:

E-mail address#

To

Solar Energy Corporation of India Limited
6th Floor, Plate-B, NBCC Office Block Tower-2,
East Kidwai Nagar, New Delhi - 110 023

Sub: Response to RfS No. dated for(Insert title of
the RfS)

Priority No.	Ward No.	Name of the School/Building	Suitability of Rooftop for SPV capacity installation (kW)
1			
2			
3			
4			
5			

Dated the _____ day of _____, 20....

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.

FORMAT FOR POWER OF ATTORNEY

(Applicable Only in case of Consortiums)

(To be provided by each of the other members of the Consortium in favor of the Lead Member)
(To be stamped in accordance with Stamp Act, the Non-Judicial Stamp Paper of Appropriate Value)

KNOW ALL MEN BY THESE PRESENTS THAT M/s..... having its registered office at,, and M/s having its registered office at, (Insert names and registered offices of all Members of the Consortium) the Members of Consortium have formed a Bidding Consortium named (insert name of the Consortium if finalized) (hereinafter called the 'Consortium') vide Consortium Agreement dated..... and having agreed to appoint M/s..... as the Lead Member of the said Consortium do hereby constitute, nominate and appoint M/s..... a company incorporated under the laws of and having its Registered/ Head Office at as our duly constituted lawful Attorney (hereinafter called as Lead Member) to exercise all or any of the powers for and on behalf of the Consortium in regard to submission of the response to RfS No.....

We also authorize the said Lead Member to undertake the following acts:

- i) To submit on behalf of Consortium Members response to RfS.
- ii) To do any other act or submit any information and document related to the above response to RfS Bid.

It is expressly understood that in the event of the Consortium being selected as Successful Bidder, this Power of Attorney shall remain valid, binding and irrevocable until the Bidding Consortium achieves execution of PPA.

We as the Member of the Consortium agree and undertake to ratify and confirm all whatsoever the said Attorney/ Lead Member has done on behalf of the Consortium Members pursuant to this Power of Attorney and the same shall bind us and deemed to have been done by us.

IN WITNESS WHEREOF M/s, as the Member of the Consortium have executed these presents on this..... day of under the Common Seal of our company.

For and on behalf of Consortium Member

M/s.....

----- (Signature of person authorized by the board)

(Name

Designation

Place:

Date:)

Accepted

(Signature, Name, Designation and Address
of the person authorized by the board of the Lead Member)

Attested

(Signature of the executant)

(Signature & stamp of Notary of the place of execution)

Place: -----

Date: -----

Lead Member in the Consortium shall have the controlling shareholding in the Company as defined in Section-6, Definition of Terms of the RfS.

FORMAT FOR BANK GUARANTEE TOWARDS EARNEST MONEY DEPOSIT
(EMD)

(To be stamped in accordance with Stamp Act, the Non-Judicial Stamp Paper of Appropriate Value)

Reference:

Bank Guarantee No.:

Date:

In consideration of the _____ [*Insert name of the Bidder*]
(hereinafter referred to as 'Bidder') submitting the response to RfS inter alia for
_____ [*Insert title of the RfS*] of the cumulative capacity of MW [*Insert cumulative Project capacity proposed*] for supply of power there from on long term basis to the Client Organization, in response to the RfS No. _____ dated _____ issued by Solar Energy Corporation of India Limited (hereinafter referred to as SECI) and SECI considering such response to the RfS of [*Insert the name of the Bidder*] as per the terms of the RfS, the _____ [*Insert name & address of bank*] hereby agrees unequivocally, irrevocably and unconditionally to pay to SECI at [*Insert Name of the Place from the address of SECI*] forthwith without demur on demand in writing from SECI or any Officer authorized by it in this behalf, any amount up to and not exceeding Rupees _____ [*Insert amount not less than that derived on the basis of Rs. 9 Lakhs per MW of cumulative capacity proposed*], only, on behalf of M/s _____ [*Insert name of the Bidder*].

This guarantee shall be valid and binding on this Bank up to and including _____ [*insert date of validity in accordance with Clause 15 of this RfS*] 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 liability under this Guarantee is restricted to INR _____ (Indian Rupees _____ only). Our Guarantee shall remain in force until _____ [*insert date of validity in accordance with Clause 15 of this RfS*]. SECI shall be entitled to invoke this Guarantee till _____ [*insert date of validity in accordance with Clause 15 of this RfS*].

The Guarantor Bank hereby agrees and acknowledges that the SECI 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 SECI, made in any format, raised at the above-mentioned address of the Guarantor Bank, in order to make the said payment to SECI.

The Guarantor Bank 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 Guarantor Bank shall not require SECI to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against SECI in respect of any payment made hereunder.

This BANK GUARANTEE shall be interpreted in accordance with the laws of India and the courts at New Delhi 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 SECI shall not be obliged before enforcing this BANK GUARANTEE 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 SECI or to exercise, levy or enforce any distress, diligence or other process against the Bidder.

This BANK GUARANTEE shall be effective only when the Bank Guarantee issuance message is transmitted by the issuing Bank through SFMS to IDFC First Bank and a confirmation in this regard is received by SECI.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to INR _____ (Indian Rupees _____ Only) and it shall remain in force until _____ [*Date to be inserted on the basis of Clause 15 of this RfS*].

We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if SECI serves upon us a written claim or demand.

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:

Banker's Stamp and Full Address.

Dated this ____ day of ____, 20__

**FORMAT OF PAYMENT ON ORDER INSTRUMENT TO BE ISSUED BY
IREDA/REC/PFC (IN LIEU OF BG TOWARDS EMD)**

No.

Date

SECI,

Registered

**Reg: M/s _____ (insert name of the Bidder) – Issuance of Payment on
Order Instrument for an amount of Rs. _____**

Dear Sir,

1. It is to be noted that M/s. _____ (*insert name of the POI issuing Agency*) (**'IREDA/REC/PFC'**) has sanctioned a non-fund-based limit loan of Rs. _____ (Rupees _____ only) to M/s _____ under the Loan Agreement executed on _____ to execute Renewable Energy Projects.
2. At the request of M/s _____, on behalf of _____ (*insert name of the Bidder*), this Payment on Order Instrument (POI) for an amount of Rs. _____ (Rupees _____ (*in words*)). This Payment on Order Instrument comes into force immediately.
3. In consideration of the _____ [*Insert name of the Bidder*] (hereinafter referred to as 'Bidder') submitting the response to RfS inter alia for _____ [*Insert title of the RfS*] of the cumulative capacity of MW [*Insert cumulative Project capacity proposed*] for supply of power there from on long term basis to the Client Organization, in response to the RfS No. _____ dated _____ issued by Solar Energy Corporation of India Limited (hereinafter referred to as SECI) and SECI considering such response to the RfS of [*Insert the name of the Bidder*] as per the terms of the RfS, the _____ [*Insert name & address of IREDA/PFC/REC*] hereby agrees unequivocally, irrevocably and unconditionally to pay to SECI at [*Insert Name of the Place from the address of SECI*] forthwith without demur on demand in writing from SECI or any Officer authorized by it in this behalf, any amount up to and not exceeding Rupees _____ [*Insert amount not less than that derived on the basis of Rs. 9 Lakhs per MW of cumulative capacity proposed*], only, on behalf of M/s _____ [*Insert name of the Bidder*].
4. In consideration of the above facts, IREDA/REC/PFC, having its registered office at _____, agrees to make payment for the sum of Rs. _____ lakhs (in words.....) to SECI on the following conditions:-
 - (a) IREDA/REC/PFC agrees to make payment of the above said amount unconditionally, without demur and without protest within a period of _____ days of receipt of request from SECI within the validity period of this letter as specified herein;

- (b) The commitment of IREDA/REC/PFC, under this Payment of Order Instrument will have the same effect as that of the commitment under the Bank Guarantee issued by any Public Sector Bank and shall be enforceable in the same manner as in the case of a Bank Guarantee issued by a Bank and the same shall be irrevocable and shall be honored irrespective of any agreement or its breach between IREDA/REC/PFC or its constituents notwithstanding any dispute that may be raised by the against SECI;
 - (c) The liability of IREDA/REC/PFC continues to be valid and binding on IREDA/REC/PFC and shall not be terminated, impaired and discharged, by virtue of change in its constitution and specific liability under letter of undertaking shall be binding on its successors or assignors;
 - (d) The liability of IREDA/REC/PFC shall continue to be valid and binding on IREDA/REC/PFC and shall not be terminated/ impaired/ discharged by any extension of time or variation and alternation made given or agreed with or without knowledge or consent of the parties (SECI and Bidding Party), subject to the however to the maximum extent of amount stated herein and IREDA/REC/PFC is not liable to any interest or costs etc.;
 - (e) This Payment on Order Instrument can be invoked either partially or fully, till the date of validity;
 - (f) IREDA/REC/PFC agrees that it shall not require any proof in addition to the written demand by SECI made in any format within the validity period. IREDA/REC/PFC shall not require SECI to justify the invocation of the POI against the SPV/SPD, to make any claim against or any demand against the SPV/SPD or to give any notice to the SPV/SPD;
 - (g) The POI shall be the primary obligation of IREDA/REC/PFC and SECI shall not be obliged before enforcing the POI to take any action in any court or arbitral proceedings against the SPV/SPD;
 - (h) Neither SECI is required to justify the invocation of this POI nor shall IREDA/REC/PFC have any recourse against SECI in respect of the payment made under letter of undertaking;
5. Notwithstanding anything contrary contained anywhere in this POI or in any other documents, this POI is and shall remain valid up to _____ and IREDA/REC/PFC shall make payment thereunder only if a written demand or request is raised within the said date and to the maximum extent of Rs. and IREDA/REC/PFC shall in no case, be liable for any interest, costs, charges and expenses and IREDA's/REC's/PFC's liability in no case will exceed more than the above amount stipulated.
6. In pursuance of the above, IREDA/REC/PFC and SECI have signed an Umbrella Agreement dated ____ setting out the terms and conditions for issue of letter of undertaking by IREDA/REC/PFC to SECI and the said terms and conditions shall be read as a part of this letter of undertaking issued for the project of the project of PP mentioned above.

Thanking you,

Yours faithfully
For and on behalf of
M/s. _____
(Name of the POI issuing agency).

()
General Manager (TS)

Copy to:-

M/s. __PP_____

_____ As per their request

()
General Manager (TS)

FORMAT FOR PERFORMANCE BANK GUARANTEE (PBG)

(To be submitted Separately for each Project)

(To be stamped in accordance with Stamp Act, the Non-Judicial Stamp Paper of Appropriate Value)

Reference:

Bank Guarantee No.:

Date:

In consideration of the _____ [Insert name of the Bidder] (hereinafter referred to as 'selected Solar Power Developer' or 'SPD') submitting the response to RfS inter alia for [Insert title of the RfS] of the capacity of MW, at [Insert name of the place], for supply of power there from on long term basis to the Client Organization, in response to the RfS dated..... issued by Solar Energy Corporation of India Limited (hereinafter referred to as SECI) and SECI considering such response to the RfS of [Insert name of the Bidder] (which expression shall unless repugnant to the context or meaning thereof include its executors, administrators, successors and assignees) and selecting the Project of the Solar Power Developer and issuing Letter of Award No. _____ to _____ (Insert Name of selected Solar Power Developer) as per terms of RfS and the same having been accepted by the selected SPD resulting in a Power Purchase Agreement (PPA) to be entered into with _____ [Insert name of the Client Organization], hereinafter referred to as "Client", for purchase of Power [from selected Solar Power Developer or a Project Company, M/s _____ {a Special Purpose Vehicle (SPV) formed for this purpose}, if applicable].

As per the terms of the RfS, the _____ [Insert name & address of Bank] hereby agrees unequivocally, irrevocably and unconditionally to pay to Client at _____ [Insert Name of the Place from the address of the Client Organization] forthwith on demand in writing from Client or any Officer authorised by it in this behalf, any amount up to and not exceeding Indian Rupees _____ [Total Value] only, on behalf of M/s _____ [Insert name of the selected Solar Power Developer/Project Company]

This guarantee shall be valid and binding on this Bank up to and including 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 liability under this Guarantee is restricted to INR _____ (Indian Rupees _____ Only).

Our Guarantee shall remain in force until..... Client shall be entitled to invoke this Guarantee till

The Guarantor Bank hereby agrees and acknowledges that Client 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 Client, made in any format, raised at the above-mentioned address of the Guarantor Bank, in order to make the said payment to Client.

The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by _____ [Insert name of the selected Solar Power Developer/ Project Company as applicable] and/ or any other person. The Guarantor Bank shall not require Client to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against Client in respect of any payment made hereunder.

This BANK GUARANTEE shall be interpreted in accordance with the laws of India and the courts at _____ 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 Client shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against the selected Solar Power Developer/ Project Company, to make any claim against or any demand on the selected Solar Power Developer/ Project Company or to give any notice to the selected Solar Power Developer/ Project Company or to enforce any security held by Client or to exercise, levy or enforce any distress, diligence or other process against the selected Solar Power Developer / Project Company.

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

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to INR _____ (Indian Rupees _____ Only) and it shall remain in force until We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if Client serves upon us a written claim or demand.

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:
Banker's Stamp and Full Address.

Dated this ____ day of ____, 20__

Witness:

1.

Signature
Name and Address

2.

Signature
Name and Address

Notes:

1. The Stamp Paper should be in the name of the Executing Bank and of appropriate value.
2. The Performance Bank Guarantee shall be executed by any of the Scheduled Commercial Banks as listed on the website of Reserve Bank of India (RBI) and amended as on the date of issuance of Bank Guarantee. Bank Guarantee issued by foreign branch of a Scheduled Commercial Bank is to be endorsed by the Indian branch of the same bank or State Bank of India (SBI).

FORMAT FOR BOARD RESOLUTIONS

The Board, after discussion, at the duly convened Meeting on [Insert date], with the consent of all the Directors present and in compliance of the provisions of the Companies Act, 1956 or Companies Act 2013, as applicable, passed the following Resolution:

1. RESOLVED THAT Mr./Ms., be and is hereby authorized to do on our behalf, all such acts, deeds and things necessary in connection with or incidental to our response to RfS vide RfS No. _____ for _____ (insert title of the RfS), including signing and submission of all documents and providing information/ response to RfS to Solar Energy Corporation of India Limited (SECI), representing us in all matters before SECI, and generally dealing with SECI in all matters in connection with our bid for the said Project. *(To be provided by the Bidding Company or the Lead Member of the Consortium)*

2. FURTHER RESOLVED THAT pursuant to the provisions of the Companies Act, 1956 or Companies Act, 2013, as applicable and compliance thereof and as permitted under the Memorandum and Articles of Association of the Company, approval of the Board be and is hereby accorded to invest total equity in the Project. *(To be provided by the Bidding Company)*

[Note: In the event the Bidder is a Bidding Consortium, in place of the above resolution at Sl. No. 2, the following resolutions are to be provided]

FURTHER RESOLVED THAT pursuant to the provisions of the Companies Act, 1956 or Companies Act, 2013, as applicable and compliance thereof and as permitted under the Memorandum and Articles of Association of the Company, approval of the Board be and is hereby accorded to invest (----%) equity [Insert the % equity commitment as specified in Consortium Agreement] in the Project. *(To be provided by each Member of the Bidding Consortium including Lead Member such that total equity is 100%)*

FURTHER RESOLVED THAT approval of the Board be and is hereby accorded to participate in consortium with M/s ----- [Insert the name of other Members in the Consortium] and Mr/ Ms....., be and is hereby authorized to execute the Consortium Agreement. *(To be provided by each Member of the Bidding Consortium including Lead Member)*

And

FURTHER RESOLVED THAT approval of the Board be and is hereby accorded to contribute such additional amount over and above the percentage limit (specified for the Lead Member in the Consortium Agreement) to the extent becoming necessary towards the total equity share in the Project Company, obligatory on the part of the Consortium pursuant to the terms and conditions contained in the Consortium Agreement dated executed by the Consortium as per the provisions of the RfS. *[To be passed by the Lead Member of the Bidding Consortium]*

3. NOT USED

Certified True Copy

(Signature, Name and Stamp of Company Secretary)

Notes:

- 1) This certified true copy should be submitted on the letterhead of the Company, signed by the Company Secretary/ Director.
- 2) The contents of the format may be suitably re-worded indicating the identity of the entity passing the resolution.
- 3) This format may be modified only to the limited extent required to comply with the local regulations and laws applicable to a foreign entity submitting this resolution. For example, reference to Companies Act, 1956 or Companies Act, 2013 as applicable may be suitably modified to refer to the law applicable to the entity submitting the resolution. However, in such case, the foreign entity shall submit an unqualified opinion issued by the legal counsel of such foreign entity, stating that the Board resolutions are in compliance with the applicable laws of the respective jurisdictions of the issuing Company and the authorizations granted therein are true and valid.

FORMAT FOR CONSORTIUM AGREEMENT

(To be stamped in accordance with Stamp Act, the Non-Judicial Stamp Paper of Appropriate Value)

THIS Consortium Agreement (“Agreement”) executed on this ____ Day of _____ Two Thousand ____ between M/s _____ [Insert name of Lead Member] a Company incorporated under the laws of _____ and having its Registered Office at _____ (hereinafter called the “**Member-1**”, which expression shall include its successors, executors and permitted assigns) and M/s _____ a Company incorporated under the laws of _____ and having its Registered Office at _____ (hereinafter called the “**Member-2**”, which expression shall include its successors, executors and permitted assigns), M/s _____ a Company incorporated under the laws of _____ and having its Registered Office at _____ (hereinafter called the “**Member-n**”, which expression shall include its successors, executors and permitted assigns), [The Bidding Consortium should list the details of all the Consortium Members] for the purpose of submitting response to RfS and execution of Power Purchase Agreement (in case of award), against RfS No. _____ dated _____ issued by Solar Energy Corporation of India Limited (SECI) a Company incorporated under the Companies Act, 2013, and having its Registered Office at 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi - 110023

WHEREAS, each Member individually shall be referred to as the “Member” and all of the Members shall be collectively referred to as the “Members” in this Agreement.

WHEREAS Client Organization desires to purchase Power under RfS for _____ (insert title of the RfS);

WHEREAS, SECI had invited response to RfS vide its Request for Selection (RfS) dated _____

WHEREAS the RfS stipulates that in case response to RfS is being submitted by a Bidding Consortium, the Members of the Consortium will have to submit a legally enforceable Consortium Agreement in a format specified by SECI wherein the Consortium Members have to commit equity investment of a specific percentage for the Project.

NOW THEREFORE, THIS AGREEMENT WITNESSTH AS UNDER:

In consideration of the above premises and agreements all the Members in this Bidding Consortium do hereby mutually agree as follows:

1. We, the Members of the Consortium and Members to the Agreement do hereby unequivocally agree that Member-1 (M/s _____), shall act as the Lead Member as defined in the RfS for self and agent for and on behalf of Member-2, -----, Member-n and to submit the response to the RfS.

2. The Lead Member is hereby authorized by the Members of the Consortium and Members to the Agreement to bind the Consortium and receive instructions for and on their behalf.
3. Notwithstanding anything contrary contained in this Agreement, the Lead Member shall always be liable for the equity investment obligations of all the Consortium Members i.e. for both its own liability as well as the liability of other Members.
4. The Lead Member shall be liable and responsible for ensuring the individual and collective commitment of each of the Members of the Consortium in discharging all of their respective equity obligations. Each Member further undertakes to be individually liable for the performance of its part of the obligations without in any way limiting the scope of collective liability envisaged in this Agreement.
5. Subject to the terms of this Agreement, the share of each Member of the Consortium in the issued equity share capital of the Project Company is/shall be in the following proportion:

Name	Percentage
Member 1	---
Member 2	---
Member n	---
Total	100%

We acknowledge that after the execution of PPA, the controlling shareholding (having not less than 51% of the voting rights and paid up share capital) in the Project Company developing the Project shall be maintained for a period of 01 (one) year after COD.

6. In case of any breach of any equity investment commitment by any of the Consortium Members, the Lead Member shall be liable for the consequences thereof.
7. Except as specified in the Agreement, it is agreed that sharing of responsibilities as aforesaid and equity investment obligations thereto shall not in any way be a limitation of responsibility of the Lead Member under these presents.
8. It is further specifically agreed that the financial liability for equity contribution of the Lead Member shall not be limited in any way so as to restrict or limit its liabilities. The Lead Member shall be liable irrespective of its scope of work or financial commitments.
9. This Agreement shall be construed and interpreted in accordance with the Laws of India and courts at New Delhi alone shall have the exclusive jurisdiction in all matters relating thereto and arising thereunder.
10. It is hereby further agreed that in case of being selected as the Successful Bidder, the Members do hereby agree that they shall furnish the Performance Guarantee in favour of Client Organization in terms of the RfS.

11. It is further expressly agreed that the Agreement shall be irrevocable and shall form an integral part of the Power Purchase Agreement (PPA) and shall remain valid until the expiration or early termination of the PPA in terms thereof, unless expressly agreed to the contrary by SECI.
12. The Lead Member is authorized and shall be fully responsible for the accuracy and veracity of the representations and information submitted by the Members respectively from time to time in the response to RfS.
13. It is hereby expressly understood between the Members that no Member at any given point of time, may assign or delegate its rights, duties or obligations under the PPA except with prior written consent of SECI.
14. This Agreement
 - a) has been duly executed and delivered on behalf of each Member hereto and constitutes the legal, valid, binding and enforceable obligation of each such Member;
 - b) sets forth the entire understanding of the Members hereto with respect to the subject matter hereof; and
 - c) may not be amended or modified except in writing signed by each of the Members and with prior written consent of SECI.
15. All the terms used in capitals in this Agreement but not defined herein shall have the meaning as per the RfS and PPA.

IN WITNESS WHEREOF, the Members have, through their authorized representatives, executed these present on the Day, Month and Year first mentioned above.

For M/s----- [Member 1]

(Signature, Name & Designation of the person authorized vide Board Resolution Dated _____)

Witnesses:

1) Signature-----

Name:

Address:

2) Signature -----

Name:

Address:

For M/s-----[Member 2]

(Signature, Name & Designation of the person authorized vide Board Resolution Dated _____)

Witnesses:

1) Signature -----

Name:

Address:

2) Signature -----

Name:

Address:

For M/s-----[Member n]

(Signature, Name & Designation of the person authorized vide Board Resolution Dated _____)

Witnesses:

1) Signature -----

Name:

Address:

(2) Signature -----

Name:

Address:

Signature and stamp of Notary of the place of execution

FORMAT FOR FINANCIAL REQUIREMENT*(This should be submitted on the Letter Head of the Bidding Company/ Lead Member of Consortium)*

Ref. No. _____

Date: _____

From: _____ *(Insert name and address of Bidding Company/ Lead Member of Consortium)*

Tel. #:

Fax #:

E-mail address#

To

Solar Energy Corporation of India Limited
6th Floor, Plate-B, NBCC Office Block Tower-2,
East Kidwai Nagar, New Delhi - 110 023

Sub: Response to RfS No. _____ dated _____ for _____.

Dear Sir/ Madam,

We certify that the Bidding Company/Member in a Bidding Consortium is meeting the financial eligibility requirements as per the provisions of the RfS. Accordingly, 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 Rs. Cr. (..... in words) as on the last date of Financial Year 2022-23.

This Net Worth has been calculated in accordance with instructions provided in Clause 32.1 of the RfS.

Exhibit (i): Applicable in case of Bidding Company

For the above calculations, we have considered the Net Worth by Bidding Company and/ or its Affiliate(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 (in Rs. 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.*

Exhibit (ii): Applicable in case of Bidding Consortium

(To be filled by each Member in a Bidding Consortium separately)

Name of Member: *[Insert name of the Member]*

Net Worth Requirement to be met by Member in Proportion to the Equity Commitment: INR ----- Crore (Equity Commitment (%) * Rs. [] Crore)

For the above calculations, we have considered Net Worth by Member in Bidding Consortium and/ or its Affiliate(s) per following details:

Name of Consortium Member Company	Name of Affiliate(s) whose net worth is to be considered	Relationship with Bidding Company* (If any)	Net Worth (in Rs. Crore)	Equity Commitment (in %) in Bidding Consortium	Committed Net Worth (in Rs. 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*

Further, we certify that the Bidding Company/ Member in the Bidding Consortium, with the support of its Affiliates, (strike out if not applicable) is fulfilling the Minimum Average Annual Turnover Criteria, by demonstrating a MAAT of INR _____ (_____in words) for the last three Financial Years, namely _____, _____ and _____.

Exhibit (i): Applicable in case of Bidding Company

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

Name of Bidding Company	Name of Affiliate(s) whose Annual Turnover is to be considered	Relationship with Bidding Company*	Annual Turnover (in Rs. Crore) FY 2020-21	Annual Turnover (in Rs. Crore) FY 2021-22	Annual Turnover (in Rs. Crore) FY 2022-23
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.*

Exhibit (ii): Applicable in case of Bidding Consortium

(To be filled by each Member in a Bidding Consortium separately)

Name of Member: [Insert name of the Member]

MAAT requirement to be met by Member in Proportion to the Equity Commitment: INR -----
-----Crore (Equity Commitment (%) * Rs. [] Crore)

For the above calculations, we have considered MAAT by Member in Bidding Consortium and/ or its Affiliate(s) as per following details:

Name of Consortium Member Company	Name of Affiliate(s) whose Annual Turnover is to be considered	Relationship with Bidding Company* (If Any)	Annual Turnover (in Rs. Crore) FY 2020-21	Annual Turnover (in Rs. Crore) FY 2021-22	Annual Turnover (in Rs. Crore) FY 2022-23	Equity Commitment (in %age) in Bidding Consortium	Proportionate MAAT (in Rs. 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*

Further, we certify that the Bidding Company/ Member in the Bidding Consortium, with the support of its Affiliates, (strike out if not applicable) is fulfilling the minimum Liquidity Criteria by demonstrating a Working Capital of INR _____(in words) as on the end of Financial Year 2022-23. (Strike out if not applicable)

Exhibit (i): Applicable in case of Bidding Company

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

Name of Bidding Company	Name of Affiliate(s) whose Working Capital is to be considered	Relationship with Bidding Company*	Working Capital (in Rs. 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.*

Exhibit (ii): Applicable in case of Bidding Consortium

(To be filled by each Member in a Bidding Consortium separately)

Name of Member: *[Insert name of the Member]*

Working Capital requirement to be met by Member in Proportion to the Equity Commitment:
 INR -----Crore (Equity Commitment (%) * Rs. [] Crore)

For the above calculations, we have considered Working Capital by Member in Bidding Consortium and/ or its Affiliate(s) as per following details:

Name of Consortium Member Company	Name of Affiliate(s) whose Working Capital is to be considered	Relationship with Bidding Company* (If Any)	Working Capital (in Rs. Crore)	Equity Commitment (in %age) in Bidding Consortium	Proportionate Working Capital (in Rs. 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*

(Signature & Name of the Authorized Signatory)

(Signature and Stamp of CA)

Membership No.

Regn. No. of the CA's Firm:

Date:

- Note: (i) Along with the above format, in a separate sheet on the letterhead 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 & Loss Account, Schedules and Cash Flow Statements are to be enclosed in complete form along with all the Notes to Accounts.

UNDERTAKING

(To be submitted on the letterhead of the Bidder)

We, hereby provide this undertaking to Solar Energy Corporation of India Limited, in respect to our response to RfS vide RfS No. _____ dated _____, that M/s _____ (insert name of the Bidder), or any of its Affiliates is not a willful defaulter to any lender, and that there is no major litigation pending or threatened against M/s _____ (insert name of the Bidder) or any of its Affiliates which are of a nature that could cast a doubt on the ability or the suitability of the Bidder to undertake the Project.

(Name and Signature of the Authorized Signatory)

FORMAT FOR DISCLOSURE

(To be submitted on the Letter Head of the Bidding Company/ Each Member of Consortium)

DISCLOSURE

Ref. No. _____

Date: _____

From: _____ *(Insert name and address of Bidding Company/ Lead Member of Consortium)*

Tel.#: Fax#:

E-mail address#

To

Solar Energy Corporation of India Limited

6th Floor, Plate-B, NBCC Office Block Tower-2,

East Kidwai Nagar, New Delhi - 110 023

Sub: Response to RfS No. _____ dated _____ for _____

Dear Sir/ Madam,

We hereby declare and confirm that only we are participating in the RfS Selection process for the RfS No. _____ dated _____ and that our Parent, Affiliate or Ultimate Parent or any Group Company with which we have direct or indirect relationship are not separately participating in this selection process.

We further declare that the above statement is true & correct. We undertake that if at any stage it is found to be incorrect, in addition to actions applicable under the RfS/PPA including but not limited to cancellation of our response to this RfS and LoA/PPA as applicable, we, i.e. M/s _____ (enter name of the bidding company/member in a consortium), including our Parent, Ultimate Parent, and our Affiliates shall be suspended/debarred from participating in any of the upcoming tenders issued by SECI for a period of 2 years from the date of default as notified by SECI.

We also understand that the above is in addition to the penal consequences that may follow from the relevant laws for the time being in force.

We further declare that we have read the provisions of Clause 30.4 of the RfS, and are complying with the requirements as per the referred OM dated 23.07.2020 except Sl.11 of the OM, including subsequent amendments and clarifications thereto. Accordingly, we are also enclosing necessary certificates (Annexure to this format) in support of the above compliance

under the RfS. We understand that in case of us being selected under this RfS, any of the above certificates is found false, SECI shall take appropriate action as deemed necessary.

We further declare that we are fully aware of the binding provisions of the ALMM Order and the Lists(s) thereunder, while quoting the tariff in RfS for _____ (Enter the name of the RfS).

We further understand that the List-I (Solar PV Modules) of ALMM Order, Annexure-I of the OM, issued by MNRE on 10th March, 2021 will be updated by MNRE from time to time. We also understand that the Modules to be procured for this project, shall be from the List-I of the ALMM Order applicable on the date of invoicing of such modules.

We also further understand and accept that we shall be liable for penal action, including but not limited to blacklisting and invocation of Performance Bank Guarantee, if we are found not complying with the provisions of ALMM Order, including those mentioned above.

Dated the _____ day of _____, 20....

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.

FORMAT FOR DISCLOSURE

(To be submitted on the Letter Head of the Bidding Company/ Each Member of Consortium)

(To be submitted by all such bidders in which a common Company/companies directly/indirectly own(s) more than 10% but less than 26% shareholding)

DISCLOSURE

Ref. No. _____

Date:

From: _____ (Insert name and address of Bidding Company/ Lead Member of Consortium)

Tel.#: Fax#:

E-mail address#

To

Solar Energy Corporation of India Limited
6th Floor, Plate-B, NBCC Office Block Tower-2,
East Kidwai Nagar, New Delhi - 110 023

Sub: Response to RfS No. _____ dated _____ for _____.

Dear Sir/ Madam,

We hereby declare and confirm that in terms of the definitions of the RfS, M/s _____ (enter name of the common shareholder) is our Group Company, and has a direct/indirect shareholding of less than 26% in the bidding company. M/s _____ (enter name of the common shareholder) also holds directly/indirectly less than 26% shareholding in other Companies which may participate in this RfS, i.e. RfS No. _____.

We undertake that M/s _____ (enter name of the above common shareholder) is not a party to the decision-making process for submission of response to this RfS by M/s _____ (enter name of the bidding company/member in the consortium). We further undertake that while undertaking any action as part of our response to RfS, we are not complicit with other such bidders participating in this RfS, in which M/s _____ (enter name of the common shareholder) has less than 26% direct/indirect shareholding, if any.

We further declare that the above statement is true & correct. We undertake that if at any stage it is found to be incorrect, in addition to actions applicable under the RfS/PPA including but not limited to cancellation of our response to this RfS and LoA/PPA as applicable, we, i.e. M/s _____ (enter name of the bidding company/member in a consortium), including our Parent, Ultimate Parent, and our Affiliates shall be suspended/debarred from participating in

any of the upcoming tenders issued by SECI for a period of 2 years from the date of default as notified by SECI.

We also understand that the above is in addition to the penal consequences that may follow from the relevant laws for the time being in force.

We further declare that we have read the provisions of Clause 30.4 of the RfS, and are complying with the requirements as per the referred OM dated 23.07.2020 except Sl. 11 of the OM, including subsequent amendments and clarifications thereto. Accordingly, we are also enclosing necessary certificates (Annexure to this format) in support of the above compliance under the RfS. We understand that in case of us being selected under this RfS, any of the above certificates is found false, SECI shall take appropriate action as deemed necessary.

We further declare that we are fully aware of the binding provisions of the ALMM Order and the Lists(s) thereunder, while quoting the tariff in RfS for _____ (Enter the name of the RfS). We further understand that the List-I (Solar PV Modules) of ALMM Order, Annexure-I of the OM, issued by MNRE on 10th March, 2021 will be updated by MNRE from time to time. We also understand that the Modules to be procured for this project, shall be from the List-I of the ALMM Order applicable on the date of invoicing of such modules.

We also further understand and accept that we shall be liable for penal action, including but not limited to blacklisting and invocation of Performance Bank Guarantee, if we are found not complying with the provisions of ALMM Order, including those mentioned above.

Dated the _____ day of _____, 20....

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.

DECLARATION

RESTRICTION ON PROCUREMENT FROM CERTAIN COUNTRIES:

MoF OM No 6/18/2019-PPD dated 23.07.2020

(To be submitted on the Letter Head of the Bidding Company/ Each Member of Consortium)

Ref. No. _____

Date: _____

From: _____ *(Insert name and address of Bidding Company/Member of Consortium)*

Tel. #:

Fax #:

E-mail address#

To

Solar Energy Corporation of India Limited

6th Floor, Plate-B, NBCC Office Block Tower-2,

East Kidwai Nagar, New Delhi - 110 023

Sub: Response to the RfS No dated

Dear Sir/ Madam,

This is with reference to attached order No. OM no. 6/18/2019-PPD dated 23rd July 2020 issued by Department of Expenditure, MoF, Govt of India.

We are hereby submitting the following declaration in this regard:

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. Where applicable, evidence of valid registration by the Competent Authority shall be attached."

We further declare that the above statement is true & correct. We are aware that if at any stage it is found to be incorrect, our response to the tender will be rejected.

Dated the _____ day of _____, 20....

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Signatory.

Enclosure: OM dated 23.07.2020, as referred above

FORMAT FOR SUBMISSION OF FINANCIAL BID

(The Covering Letter should be submitted on the Letter Head of the Bidding Company/ Lead Member of Consortium)

Ref. No. _____

Date: _____

From: _____ *(Insert name and address of Bidding Company/ Lead Member of Consortium)*

Tel.#:

Fax#:

E-mail address#

To
Solar Energy Corporation of India Limited
6th Floor, Plate-B, NBCC Office Block Tower-2,
East Kidwai Nagar, New Delhi - 110 023

Sub: Response to RfS No. _____ dated _____ for _____.

Dear Sir/ Madam,

I/ We, _____ *(Insert Name of the Bidder)* enclose herewith the Financial Proposal for selection of my/ firm for a cumulative capacity of ____ MW in as Bidder for the above.

I/We have applied for Projects to be set up in _____ (insert place) under this RfS.

I/We agree that this offer shall remain valid for a period up to the date as on 12 months from the due date of submission of the response to RfS and such further period as may be mutually agreed upon.

Dated the _____ day of _____, 20....

Thanking you,
We remain,
Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.

Notes:

1. *There can be only one tariff for the cumulative Project capacity applied for by the Bidder. If the bidder quotes two tariffs or combination thereof for the projects, then the bid shall be considered as non-responsive.*
2. *If the bidder submits the financial bid in the Electronic Form at ETS portal not in line with the instructions mentioned therein, then the bid shall be considered as non-responsive.*
3. *Tariff requirement shall be quoted as a fixed amount in Indian Rupees only. Conditional proposal shall be summarily rejected.*
4. *In the event of any discrepancy between the values entered in figures and in words, the values entered in words shall be considered.*
5. *Tariff should be in Indian Rupee up to two decimal places only.*
6. *If the Bidder submits the financial bid containing tariff higher than the limits prescribed at Clause 35.4, the bid shall be summarily rejected.*

TECHNICAL PARAMETER OF PV MODULE AND VARIOUS OTHER COMPONENTS FOR USE IN GRID CONNECTED SOLAR POWER PLANTS

The proposed projects shall be commissioned as per the technical specifications given below:

1 DEFINITION

A Grid Tied Solar Rooftop Photo Voltaic (SPV) power plant consists of SPV array, Module Mounting Structure, Power Conditioning Unit (PCU) consisting of Maximum Power Point Tracker (MPPT), Inverter, and Controls & Protections, interconnect cables, Junction boxes, Distribution boxes and switches. PV Array is mounted on a suitable structure. Grid tied SPV system is without battery and should be designed with necessary features to supplement the grid power during day time. Components and parts used in the SPV power plants including the PV modules, metallic structures, cables, junction box, switches, PCUs etc., should conform to the BIS or IEC or international specifications, wherever such specifications are available and applicable.

Solar PV system shall consist of following equipment/components.

- Solar PV modules consisting of required number of Crystalline PV cells.
- Grid interactive Power Conditioning Unit with Remote Monitoring System
- Mounting structures
- Junction Boxes.
- Earthing and lightening protections.
- IR/UV protected PVC Cables, pipes and accessories

1.1 SOLAR PHOTOVOLTAIC MODULES:

- 1.1.1 The PV modules used must qualify to the latest edition of IEC PV module qualification test or equivalent BIS standards Crystalline Silicon Solar Cell Modules IEC 61215/IS14286. In addition, the modules must conform to IEC 61730 Part-1 - requirements for construction & Part 2 - requirements for testing, for safety qualification or equivalent IS.
- a) For the PV modules to be used in a highly corrosive atmosphere throughout their lifetime, they must qualify to IEC 61701.
 - b) Protective devices against surges at the PV module shall be provided. Low voltage drop bypass diodes shall be provided.
 - c) PV modules must be tested and approved by one of the IEC authorized test centres.
 - d) The module frame shall be made of corrosion resistant materials, preferably having anodized aluminum.
 - e) The bidder shall carefully design & accommodate requisite numbers of the modules to achieve the rated power in his bid. SECI/owners shall allow only minor changes at the time of execution.

- f) Other general requirement for the PV modules and subsystems shall be the following:
- I. The rated output power of any supplied module shall have positive tolerance in the range of 5 watt.
 - II. The peak-power point voltage and the peak-power point current of any supplied module and/or any module string (series connected modules) shall not vary by more than 2 (two) per cent from the respective arithmetic means for all modules and/or for all module strings, as the case may be.
 - III. The module shall be provided with a junction box with either provision of external screw terminal connection or sealed type and with arrangement for provision of by-pass diode. The box shall have hinged, weather proof lid with captive screws and cable gland entry points or may be of sealed type and IP-65 rated.
 - IV. I-V curves at STC should be provided by bidder.
- 1.1.2 Plants installed in high dust geographies like Rajasthan and Gujarat must have the solar modules tested with relevant dust standards (Applicable standard would be IEC 60068-2-68).
- 1.1.3 Modules deployed must use a RF identification tag. The following information must be mentioned in the RFID used on each module. This should be inside the laminate only.
- a) Name of the manufacturer of the PV module
 - b) Name of the manufacturer of Solar Cells.
 - c) Month & year of the manufacture (separate for solar cells and modules)
 - d) Country of origin (separately for solar cells and module)
 - e) I-V curve for the module Wattage, I_m , V_m and FF for the module
 - f) Unique Serial No and Model No of the module
 - g) Date and year of obtaining IEC PV module qualification certificate.
 - h) Name of the test lab issuing IEC certificate.
 - i) Other relevant information on traceability of solar cells and module as per ISO 9001 and ISO 14001
- 1.1.4 **Warranties:**
- a) Material Warranty:
 - I. Material Warranty is defined as: The manufacturer should warrant the Solar Module(s) to be free from the defects and/or failures specified below for a period not less than five (05) years from the date of sale to the original customer ("Customer")
 - II. Defects and/or failures due to manufacturing
 - III. Defects and/or failures due to quality of materials
 - IV. Non-conformity to specifications due to faulty manufacturing and/or inspection processes. If the solar Module(s) fails to conform to this warranty, the manufacturer will repair or replace the solar module(s), at the Owners sole option
 - b) Performance Warranty:

- i. The predicted electrical degradation of power generated not exceeding 20% of the minimum rated power over the 25-year period and not more than 10% after ten years period of the full rated original output.

1.2 ARRAY STRUCTURE

- a) Hot dip galvanized MS mounting structures may be used for mounting the modules/ panels/arrays. Each structure should have angle of inclination as per the site conditions to take maximum insolation. However, to accommodate more capacity the angle inclination may be reduced until the plant meets the specified performance ratio requirements.
- b) The Mounting structure shall be so designed to withstand the speed for the wind zone of the location where a PV system is proposed to be installed (like Delhi-wind speed of 150 km/hour). It may be ensured that the design has been certified by a recognized Lab/ Institution in this regard and submit wind loading calculation sheet to SECI. Suitable fastening arrangement such as grouting and calming should be provided to secure the installation against the specific wind speed.
- c) The mounting structure steel shall be as per latest IS 2062: 1992 and galvanization of the mounting structure shall be complying of latest IS 4759.
- d) Structural material shall be corrosion resistant and electrolytically compatible with the materials used in the module frame, its fasteners, nuts and bolts. Aluminum structures also can be used which can withstand the wind speed of respective wind zone. Protection towards rusting need to be provided either by coating or anodization.
- e) The fasteners used should be made up of stainless steel. The structures shall be designed to allow easy replacement of any module. The array structure shall be so designed that it will occupy minimum space without sacrificing the output from the SPV panels
- f) Regarding civil structures the bidder need to take care of the load bearing capacity of the roof and need arrange suitable structures based on the quality of roof.
- g) The minimum clearance of the structure from the roof level should be 300 mm, for RCC type roof
- h) Ballast type structures can be used only for plants for capacity more than 40 kWp.

1.3 JUNCTION BOXES (JBs)

- a) The junction boxes are to be provided in the PV array for termination of connecting cables. The J. Boxes (JBs) shall be made of GRP/FRP/Powder Coated

Aluminum /cast aluminum alloy with full dust, water & vermin proof arrangement. All wires/cables must be terminated through cable lugs. The JB's shall be such that input & output termination can be made through suitable cable glands.

- b) Copper bus bars/terminal blocks housed in the junction box with suitable termination threads conforming to IP65 standard and IEC 62208 Hinged door with EPDM rubber gasket to prevent water entry. Single / double compression cable glands. Provision of earthings. It should be placed at 5 feet height or above for ease of accessibility.
- c) Each Junction Box shall have High quality Suitable capacity Metal Oxide Varistors (MOVs) / SPDs, suitable Reverse Blocking Diodes. The Junction Boxes shall have suitable arrangement monitoring and disconnection for each of the groups.
- d) Suitable markings shall be provided on the bus bar for easy identification and the cable ferrules must be fitted at the cable termination points for identification.
- e) All fuses shall have DIN rail mountable fuse holders and shall be housed in thermoplastic IP 65 enclosures with transparent covers.

1.4 DC DISTRIBUTION BOARD:

- a) DC Distribution panel to receive the DC output from the array field.
- b) DC DPBs shall have sheet from enclosure of dust & vermin proof conform to IP 65 protection. The bus bars are made of copper of desired size. Suitable capacity MCBs/MCCB shall be provided for controlling the DC power output to the PCU along with necessary surge arrestors.

1.5 AC DISTRIBUTION PANEL BOARD:

- a) AC Distribution Panel Board (DPB) shall control the AC power from PCU/ inverter, and should have necessary surge arrestors. Interconnection from ACDB to mains at LT Bus bar while in grid tied mode.
- b) All switches and the circuit breakers, connectors should conform to IEC 60947, part I, II and III/ IS60947 part I, II and III.
- c) The changeover switches, cabling work should be undertaken by the bidder as part of the project.
- d) All the Panel's shall be metal clad, totally enclosed, rigid, floor mounted, air - insulated, cubical type suitable for operation on three phase / single phase, 415 or 230 volts, 50 Hz

- e) The panels shall be designed for minimum expected ambient temperature of 45 degree Celsius, 80 percent humidity and dusty weather.
- f) All indoor panels will have protection of IP54 or better. All outdoor panels will have protection of IP65 or better.
- g) Should conform to Indian Electricity Act and rules (till last amendment).
- h) All the 415 V AC or 230 V AC devices/equipment like bus support insulators, circuit breakers, SPDs, VTs etc., mounted inside the switchgear shall be suitable for continuous operation and satisfactory performance under the following supply conditions

Variation in supply voltage	+/- 10 %
Variation in supply frequency	+/- 5 Hz

1.6 PCU/ARRAY SIZE RATIO:

- a) The combined wattage of all inverters should not be less than rated capacity of power plant under STC.
- b) Maximum power point tracker shall be integrated in the PCU/inverter to maximize energy drawn from the array.

1.7 PCU/ Inverter:

As SPV array produce direct current electricity, it is necessary to convert this direct current into alternating current and adjust the voltage levels to match the grid voltage. Conversion shall be achieved using an electronic Inverter and the associated control and protection devices. All these components of the system are termed the “Power Conditioning Unit (PCU)”. In addition, the PCU shall also house MPPT (Maximum Power Point Tracker), an interface between Solar PV array & the Inverter, to the power conditioning unit/inverter should also be DG set interactive. If necessary. Inverter output should be compatible with the grid frequency. Typical technical features of the inverter shall be as follows:

Switching devices	IGBT/MOSFET
Control	Microprocessor /DSP
Nominal AC output voltage and frequency	415V, 3-Phase, 50 Hz (In case single phase inverters are offered, suitable arrangement for balancing the phases must be made.)
Output frequency	50 Hz
Grid Frequency Synchronization range	+/- 5 Hz

Ambient temperature considered	-20 °C to 50 °C
Humidity	95 % Non-condensing
Protection of Enclosure	IP-54(Minimum) for indoor. IP-65(Minimum) for outdoor.
Grid Frequency Tolerance range	+/- 5 Hz
Grid Voltage tolerance	-0.2 to 0.15
No-load losses	Less than 1% of rated power
Inverter efficiency(minimum)	>93% (In case of 10 kW or above with in-built galvanic isolation) >97% (In case of 10 kW or above without in-built galvanic isolation)
Inverter efficiency (minimum)	> 90% (In case of less than 10 kW)
THD	< 3%
PF	> 0.9

- a) Three phase PCU/ inverter shall be used with each power plant system (10 kW and/or above) but in case of less than 10 kW single phase inverter can be used.
- b) PCU/inverter shall be capable of complete automatic operation including wake-up, synchronization & shutdown.
- c) The output of power factor of PCU inverter is suitable for all voltage ranges or sink of reactive power, inverter should have internal protection arrangement against any sustainable fault in feeder line and against the lightning on feeder.
- d) Built-in meter and data logger to monitor plant performance through external computer shall be provided.
- e) Anti-islanding (Protection against Islanding of grid): The PCU shall have anti islanding protection in conformity to IEEE 1547/UL 1741/IEC 62116 or equivalent BIS standard.
- f) Successful Bidders shall be responsible for limiting dc injection into the grid and load as per CEA/State regulations.
- g) The PCU/ inverter generated harmonics, flicker, DC injection limits, Voltage Range, Frequency Range and Anti-Islanding measures at the point of connection to the utility services should follow the latest CEA (Technical Standards for Connectivity Distribution Generation Resources) Guidelines.
- h) The power conditioning units/inverters should comply with applicable IEC/ equivalent BIS standard for efficiency measurements and environmental tests as per standard codes IEC 61683/IS 61683 and IEC 60068-2 (1,2,14,30)/ Equivalent BIS Std.
- i) The MPPT units environmental testing should qualify IEC 60068-2 (1, 2, 14, 30)/ Equivalent BIS std. The junction boxes/ enclosures should be IP 65 (for outdoor)/ IP 54 (indoor) and as per IEC 529 specifications.
- j) The PCU/ inverters should be tested from the MNRE approved test centres/ NABL/ BIS/ IEC accredited testing- calibration laboratories. In case of imported power conditioning units, these should be approved by international test houses.

2 INTEGRATION OF PV POWER WITH GRID:

The output power from SPV would be fed to the inverters which converts DC produced by SPV array to AC and feeds it into the main electricity grid after synchronization. In case of grid failure, or low or high voltage, solar PV system shall be out of synchronization and shall be disconnected from the grid. Once the DG set comes into service, PV system shall again be synchronized with DG supply and load requirement would be met to the extent of availability of power. 4 pole isolation of inverter output with respect to the grid/ DG power connection need to be provided.

3 DATA ACQUISITION SYSTEM/PLANT MONITORING

- i. Data Acquisition System shall be provided for each of the solar PV plant above **10 kWp** capacity.
- ii. Data Logging Provision for plant control and monitoring, time and date stamped system data logs for analysis with the high quality, suitable PC. Metering and Instrumentation for display of systems parameters and status indication to be provided.
- iii. Solar Irradiance: An integrating Pyranometer / Solar cell-based irradiation sensor (along with calibration certificate) provided, with the sensor mounted in the plane of the array. Readout integrated with data logging system.
- iv. Temperature: Temperature probes for recording the Solar panel temperature and/or ambient temperature to be provided complete with readouts integrated with the data logging system
- v. The following parameters are accessible via the operating interface display in real time separately for solar power plant:
 - a. AC Voltage.
 - b. AC Output current.
 - c. Output Power
 - d. Power factor.
 - e. DC Input Voltage.
 - f. DC Input Current.
 - g. Time Active.
 - h. Time disabled.
 - i. Time Idle.
 - j. Power produced
 - k. Protective function limits (Viz-AC Over voltage, AC Under voltage, Over frequency, Under frequency ground fault, PV starting voltage, PV stopping voltage.
- vi. All major parameters available on the digital bus and logging facility for energy auditing through the internal microprocessor and read on the digital front panel at any time) and logging facility (the current values, previous values for up to a month and the average values) should be made available for energy auditing through the internal microprocessor and should be read on the digital front panel.

- vii. PV array energy production: Digital Energy Meters to log the actual value of AC/ DC voltage, Current & Energy generated by the PV system provided. Energy meter along with CT/PT should be of 0.5 accuracy class.
- viii. Computerized DC String/Array monitoring and AC output monitoring shall be provided as part of the inverter and/or string/array combiner box or separately.
- ix. String and array DC Voltage, Current and Power, Inverter AC output voltage and current (All 3 phases and lines), AC power (Active, Reactive and Apparent), Power Factor and AC energy (All 3 phases and cumulative) and frequency shall be monitored.
- x. Computerized AC energy monitoring shall be in addition to the digital AC energy meter.
- xi. The data shall be recorded in a common work sheet chronologically date wise. The data file shall be MS Excel compatible. The data shall be represented in both tabular and graphical form.
- xii. All instantaneous data shall be shown on the computer screen.
- xiii. Software shall be provided for USB download and analysis of DC and AC parametric data for individual plant.
- xiv. Provision for instantaneous Internet monitoring and download of historical data shall be also incorporated.
- xv. Remote Server and Software for centralized Internet monitoring system shall be also provided for download and analysis of cumulative data of all the plants and the data of the solar radiation and temperature monitoring system.
- xvi. Ambient / Solar PV module back surface temperature shall be also monitored on continuous basis.
- xvii. Simultaneous monitoring of DC and AC electrical voltage, current, power, energy and other data of the plant for correlation with solar and environment data shall be provided.
- xviii. Remote Monitoring and data acquisition through Remote Monitoring System software at the owner / SECI location with latest software/hardware configuration and service connectivity for online / real time data monitoring / control complete to be supplied and operation and maintenance / control to be ensured by the bidder.
- xix. The bidders shall be obligated to push real-time plant monitoring data on a specified interval (say 15 minute) through open protocol at receiver location (cloud server) in XML/JSON format, preferably. Suitable provision in this regard will be intimated to the bidders.

4 TRANSFORMER “IF REQUIRED” & METERING:

- a) Dry/oil type relevant kVA, 11 kV/415 V, 50 Hz Step up along with all protections, switchgears, Vacuum circuit breakers, cables etc. along with required civil work, as per applicable IS or IEC standard.
- b) The bidirectional electronic energy meter (0.5 S class) shall be installed for the measurement of import/Export of energy.
- c) The bidder must take approval/NOC from the Concerned DISCOM for the connectivity, technical feasibility, and synchronization of SPV plant with

distribution network and submit the same to SECI before commissioning of SPV plant.

- d) Reverse power relay shall be provided by bidder (if necessary), as per the local DISCOM requirement.

5 POWER CONSUMPTION:

Regarding the generated power consumption, priority need to give for internal consumption first and thereafter any excess power can be exported to grid. Finalization of tariff is not under the purview of SECI or MNRE. Decisions of appropriate authority like DISCOM, state regulator may be followed.

6 PROTECTIONS

The system should be provided with all necessary protections like earthing, Lightning, and grid islanding as follows:

6.1 LIGHTNING PROTECTION

The SPV power plants shall be provided with lightning & overvoltage protection. The main aim in this protection shall be to reduce the over voltage to a tolerable value before it reaches the PV or other sub system components. The source of over voltage can be lightning, atmosphere disturbances etc. The entire space occupying the SPV array shall be suitably protected against Lightning by deploying required number of Lightning Arrestors. Lightning protection should be provided as per NFC 17-102:2011 standard. The protection against induced high-voltages shall be provided by the use of SPD (type II) and suitable earthing such that induced transients find an alternate route to earth.

6.2 SURGE PROTECTION

Internal surge protection shall consist of three SPD type-II, surge-arrestors connected from +ve and -ve terminals to earth (via Y arrangement).

6.3 EARTHING PROTECTION

- a) Each array structure of the PV yard should be grounded/ earthed properly as per IS:3043-1987. In addition, the lightning arrester/masts should also be earthed inside the array field. Earth Resistance shall be tested in presence of the representative of Department/SECI as and when required after earthing by calibrated earth tester. PCU, ACDB and DCDB should also be earthed properly.
- b) Earth resistance shall not be more than 5 ohms. It shall be ensured that all the earthing points are bonded together to make them at the same potential.

6.4 GRID ISLANDING:

- a) In the event of a power failure on the electric grid, it is required that any independent power-producing inverters attached to the grid turn off in a short

period of time. This prevents the DC-to-AC inverters from continuing to feed power into small sections of the grid, known as “Islands.” Powered Islands present a risk to workers who may expect the area to be unpowered, and they may also damage grid-tied equipment. The Rooftop PV system shall be equipped with islanding protection. In addition to disconnection from the grid (due to islanding protection) disconnection due to under and over voltage conditions shall also be provided.

- b) A manual disconnect 4-pole isolation switch beside automatic disconnection to grid would have to be provided at utility end to isolate the grid connection by the utility personnel to carry out any maintenance. This switch shall be locked by the utility personnel.

7 CABLES

Cables of appropriate size to be used in the system shall have the following characteristics:

- i. Shall meet IEC 60227/IS 694, IEC 60502/IS1554 standards
- ii. Temp. Range: -10°C to $+80^{\circ}\text{C}$
- iii. Voltage rating 660 V/1000 V
- iv. Excellent resistance to heat, cold, water, oil, abrasion, UV radiation
- v. Flexible
- vi. Sizes of cables between array interconnections, array to junction boxes, junction boxes to Inverter etc. shall be so selected to keep the voltage drop (power loss) of the entire solar system to the minimum (2%)
- vii. For the DC cabling, XLPE or, XLPO insulated and sheathed, UV-stabilized single core multi-stranded flexible copper cables shall be used; Multi-core cables shall not be used.
- viii. For the AC cabling, PVC or, XLPE insulated and PVC sheathed single or, multi-core multi-stranded flexible copper/Aluminum cables shall be used; Outdoor AC cables shall have a UV-stabilized outer sheath.
- ix. The cables (as per IS) should be insulated with a special grade PVC compound formulated for outdoor use. Outer sheath of cables shall be electron beam cross-linked XLPO type and black in color.
- x. The DC cables from the SPV module array shall run through a UV-stabilized PVC conduit pipe of adequate diameter with a minimum wall thickness of 1.5 mm.
- xi. Cables and wires used for the interconnection of solar PV modules shall be provided with solar PV connectors (MC4) and couplers
- xii. All cables and conduit pipes shall be clamped to the rooftop, walls and ceilings with thermo-plastic clamps at intervals not exceeding 50 cm; the minimum DC cable size shall be 4.0 mm^2 copper; the minimum AC cable size shall be 4.0 mm^2 copper. In three phase systems, the size of the neutral wire size shall be equal or half to the size of the phase wires.
- xiii. Cable Routing/ Marking: All cable/wires are to be routed in a GI cable tray and suitably tagged and marked with proper manner by good quality ferule or by other

- means so that the cable easily identified. In addition, cable drum no. / Batch no. to be embossed/ printed at every one meter.
- xiv. Cable Jacket should also be electron beam cross-linked XLPO, flame retardant, UV resistant and black in color.
 - xv. All cables and connectors for use for installation of solar field must be of solar grade which can withstand harsh environment conditions including High temperatures, UV radiation, rain, humidity, dirt, salt, burial and attack by moss and microbes for 25 years and voltages as per latest IEC standards. DC cables used from solar modules to array junction box shall be solar grade copper (Cu) with XLPO insulation and rated for 1.1 kV as per relevant standards only.
 - xvi. The ratings given are approximate. Bidder to indicate size and length as per system design requirement. All the cables required for the plant shall be provided by the bidder. Any change in cabling sizes if desired by the bidder shall be approved after citing appropriate reasons. All cable schedules/ layout drawings shall be approved prior to installation.
 - xvii. Multi Strand, Annealed high conductivity copper conductor PVC type 'A' pressure extruded insulation or XLPE insulation. Overall PVC/XLPE insulation for UV protection Armored cable for underground laying. All cable trays including covers to be provided. All cables conform to latest edition of IEC/ equivalent BIS Standards as specified below: BoS item/ component Standard Description Standard Number Cables General Test and Measuring Methods, PVC/XLPE insulated cables for working Voltage up to and including 1100 V, UV resistant for outdoor installation IS /IEC 69947.
 - xviii. The total voltage drop on the cable segments from the solar PV modules to the solar grid inverter shall not exceed 2.0 %.
 - xix. The total voltage drop on the cable segments from the solar grid inverter to the building distribution board shall not exceed 2.0 %.

8 CONNECTIVITY

The maximum capacity for interconnection with the grid at a specific voltage level shall be as specified in the Distribution Code/Supply Code of the State and amended from time to time. Following criteria have been suggested for selection of voltage level in the distribution system for ready reference of the solar suppliers.

Plant Capacity	Connecting voltage
Up to 10 kW	240 V-single phase or 415 V - three phases at the option of the consumer
Above 10 kW and up to 100 kW	415 V - three phases
Above 100 kW	At HT/EHT level (11 kV/33 kV/66 kV) as per DISCOM rules

- a) The maximum permissible capacity for rooftop shall be 1 MW for a single net metering point.

- b) Utilities may have voltage levels other than above, DISCOMS may be consulted before finalization of the voltage level and specification be made accordingly.
- c) For large PV system (Above 100 kW) for commercial installation having large load, the solar power can be generated at low voltage levels and stepped up to 11 kV level through the step-up transformer. The transformers and associated switchgear would require to be provided by the SPV bidders.

9 TOOLS & TACKLES AND SPARES:

- a) After completion of installation & commissioning of the power plant, necessary tools & tackles are to be provided free of cost by the bidder for maintenance purpose. List of tools and tackles to be supplied by the bidder for approval of specifications and make from SECI/ owner.
- b) A list of requisite spares in case of PCU/inverter comprising of a set of control logic cards, IGBT driver cards etc. Junction Boxes. Fuses, MOVs/ arrestors, MCCBs etc. along with spare set of PV modules be indicated, which shall be supplied along with the equipment. A minimum set of spares shall be maintained in the plant itself for the entire period of warranty and Operation & Maintenance which upon its use shall be replenished.

10 DANGER BOARDS AND SIGNAGES:

Danger boards should be provided as and where necessary as per IE Act. /IE rules as amended up to date. Three signage shall be provided one each at battery –cum-control room, solar array area and main entry from administrative block. Text of the signage may be finalized in consultation with SECI/ owner.

11 FIRE EXTINGUISHERS:

The firefighting system for the proposed power plant for fire protection shall be consisting of:

- a) Portable fire extinguishers in the control room for fire caused by electrical short circuits
- b) Sand buckets in the control room
- c) The installation of Fire Extinguishers should confirm to TAC regulations and BIS standards. The fire extinguishers shall be provided in the control room housing PCUs as well as on the Roof or site where the PV arrays have been installed.

12 DRAWINGS & MANUALS:

- a) Two sets of Engineering, electrical drawings and Installation and O&M manuals are to be supplied. Bidders shall provide complete technical data sheets for each equipment giving details of the specifications along with make/makes in their bid

along with basic design of the power plant and power evacuation, synchronization along with protection equipment.

- b) Approved ISI and reputed makes for equipment be used.
- c) For complete electro-mechanical works, bidders shall supply complete design, details and drawings for approval to SECI/owners before progressing with the installation work

13 PLANNING AND DESIGNING:

- a) The bidder should carry out Shadow Analysis at the site and accordingly design strings & arrays layout considering optimal usage of space, material and labour. The bidder should submit the array layout drawings along with Shadow Analysis Report to SECI/Owner for approval.
- b) SECI reserves the right to modify the landscaping design, Layout and specification of sub-systems and components at any stage as per local site conditions/requirements.
- c) The bidder shall submit preliminary drawing for approval & based on any modification or recommendation, if any. The bidder submit three sets and soft copy in CD of final drawing for formal approval to proceed with construction work.

14 DRAWINGS TO BE FURNISHED BY BIDDER AFTER AWARD OF CONTRACT

- a) The Contractor shall furnish the following drawings Award/Intent and obtain approval
- b) General arrangement and dimensioned layout
- c) Schematic drawing showing the requirement of SV panel, Power conditioning Unit(s)/ inverter, Junction Boxes, AC and DC Distribution Boards, meters etc.
- d) Structural drawing along with foundation details for the structure.
- e) Itemized bill of material for complete SV plant covering all the components and associated accessories.
- f) Layout of solar Power Array
- g) Shadow analysis of the roof

15 SOLAR PV SYSTEM ON THE ROOFTOP FOR MEETING THE ANNUAL ENERGY REQUIREMENT

The Solar PV system on the rooftop of the selected buildings will be installed for meeting up to 90% of the annual energy requirements depending upon the area of rooftop available and the remaining energy requirement of the office buildings will be met by drawing power from grid at commercial tariff of DISCOMs.

16 SAFETY MEASURES:

The bidder shall take entire responsibility for electrical safety of the installation(s) including connectivity with the grid and follow all the safety rules & regulations applicable as per Electricity Act, 2003 and CEA guidelines etc.

17 DISPLAY BOARD

The bidder has to display a board at the project site (above 25 kWp) mentioning the following:

- a) Plant Name, Capacity, Location, Date of commissioning, estimated Power generation.
- b) Financial Assistance details from SECI/MNRE/Any other financial institution apart from loan. This information shall not be limited to project site but also be displayed at site offices/head quarter offices of the successful bidder
- c) The size and type of board and display shall be approved by Engineer-in-charge before site inspection.

Please refer **Annexure-A4** for IEC standards to be mandatorily adhered.

Project Inspection Report under RfS No: SECI/C&P/IPP/14/0002/23-24 dated:			
Date of Inspection:			
A	Name of the Successful Bidder:		
B	Name of the Building Department / Organisation:		
C	Name of the Ministry:		
D	Address of SPV power plant installed:		
E	Meter Consumer Number: (Electricity bill copy to be attached)		
S. No	Component	Details	Page No.
1	Installed Project capacity in (kWp)		
2	Whether the system is installed in shadow free area or not? If not mention the details.	YES/NO	
3	PV modules	1- Attach Invoice copy of modules 2- Attach Delivery challan of modules	
4	Type, Make and year of manufacturing of Modules		
5	Flash Test Report for all modules (rated output power of any supplied module shall have positive tolerance in range of 5 watt)	YES/NO (Documents attached)	
6	PV module qualification test standard (IEC 61215/IS14286 / IEC 61730 / IEC 61701/IS 61701 (for highly corrosive atmosphere)	Certificate Number: Certificate issued by: Certificate issued on: Certificate valid up to:	
7	Wattage of each module and Total No. of modules		
8	Integrated bypass diodes	YES/NO	
9	Representative I-V curve of modules @STC	Documents attached	
(Signature – Bidder's Representative)		(Signature-Government Building representative)	(Signature - SECI's Inspector)
10	Module RF identification tag (Inside /outside lamination)	YES/NO	
11	Whether the modules contain information about company name, serial no and year manufacturing etc.	YES/NO (RFID information attached)	

12	Warranty Certificates (Material Warranty/ Performance Warranty) signed and stamped by bidders	Signed and Stamped copy by bidder (Documents attached)	
13	Protection class of Junction box of modules (IP- 65)	YES/NO	
ARRAY STRUCTURE			
14	Material of structure	Hot dip galvanized MS / Steel (IS 2062: 1992) / Aluminum (Check Material test report as per IS)	
15	Galvanization of mounting structure as per IS 4759	YES/NO (check test report as per IS)	
16	Galvanization thickness of mounting structure	1. _____ mm 2. Galvanization test report as per IS – YES/NO	
17	Wind load calculation sheet for wind zone of the location	Designed to sustain wind speed up to _____ kmph	
18	MMS Design certified by a recognized Lab/ Institution	1. YES/NO 2. Attach Document	
19	Material of fasteners (Stainless steel)	YES/NO	
20	Load bearing capacity of the roof	OK/ Not OK (visual observation)	
21	Minimum clearance of the structure from the roofmm	
(Signature – Bidder's representative)		(Signature-Government Building representative)	(Signature - SECI's Inspector)
PCU/ Inverter			
22	Guaranteed Technical Particulars for PCU/ Inverter as per RfS	YES/NO	
23	Make, rating of each inverter & No. of Inverters (AC capacity of inverter)		
24	Combined Rated wattage of all inverters in Plant (Total AC rating)		
25	MPPT is integrated in the PCU/ inverter	YES/NO	
26	Year(s) of manufacturing of inverters		

27	Switching devices, inverter data sheet as per RfS	YES/NO	
28	Protection of Enclosure (IP) and Location of Inverters (outdoor/ indoor)		
29	Phase of inverter	3-phase / 1-phase	
30	Whether solar PV plant is synchronized with grid	YES/NO	
31	Inverter standard codes IEC 61683/IS 61683, IEC 60068- 2(1, 2, 14, 30) /Equivalent BIS Std.	Certificate Number: Certificate issued by: Certificate issued on: Certificate valid up to:	
32	Anti- Islanding (IEEE 1547/ UL 1741/ IEC 62116)	Certificate Number: Certificate issued by: Certificate issued on: Certificate valid up to:	
33	Serial Numbers of installed inverters		
DCDB /Junction Boxes (if required)			
34	GTP of JB as per RfS (duly signed by bidder and manufacturer)	YES/NO	
35	IP protection level	IP - (Check Test report as per IS)	
36	Bus bar material of DCDB	Copper, YES/NO ,	
37	MCB/MCCB installed	YES/NO, Rating , Data sheet attached	
38	Surge arrester, SPDS	YES/NO , Rating , Data sheet attached	
(Signature – Bidder's Representative)		(Signature-Government Building representative)	(Signature - SECI's Inspector)
39	Material of sheet and thickness	GRP/FRP/Power coated aluminum /Cast Aluminum alloy	
40	Test report of DCDB	Attached (As per IS)	
41	Height of junction box	5 feet or more (YES/NO)	
42	Glands type	Single / Double compression gland	
43	JB Earthing provision	YES/NO	
AC DISTRIBUTION PANEL BOARD/ LT Panel			

44	All switches and the circuit breakers, connectors standards IEC 60947, part I, II and III/ IS60947 part I, II and III)	YES/NO , (check Rating , Data sheet)	
45	IP protection (Minimum 54 or better)	YES/No	
46	Material of LT panel and its details		
47	Change over switch	YES/NO,	
48	Proper Earthing of ACDB (As per IS 3043-1987)	YES/NO	
49	Surge protections	YES/NO (check Rating, Data sheet)	
50	Height of LT panel form groundMeters	
51	Test report of ACDB as per IE Rules	YES/NO	
Lightening arrester			
52	Proper Lighting arrester installed (As per NFC 17-102:2011/ IEC 62561)	YES /NO	
Cables			
53	Meets IEC 60227/IS 694, IEC 60502/IS1554 standards (or other as applicable)	YES/NO, Certificate Number: Certificate issued by: Certificate issued on: Certificate valid up to:	
54	Cable dimension and Material 1- Modules to inverters, 2- Inverter to LT panels,	1-.....sqmm, Material - 2-.....sqmm, Material -	
55	Voltage drop in DC cable (Modules to inverters)	_____%,	
56	Voltage drop in AC cable (inverter to LT panel or T/F)	_____%,	
(Signature – Bidder's Representative)		(Signature-Government Building representative)	(Signature - SECI's Inspector)
57	Cable Routing/ Marking (GI cable tray and suitably tagged and marked with proper manner by good quality ferrule)	YES/NO	
Solar Plant Monitoring			

58	Solar Irradiance sensor mounted on Plane of the array.	YES/NO	
59	Irradiance Sensor calibration certificate	Certificate Number: Certificate issued by: Certificate issued on: Certificate valid up to:	
60	Temperature sensor	YES/NO,	
61	Online Monitoring mechanism for the installed system	YES/NO	
Transformer (If required)			
62	Transformer rating, Type etc.		
Miscellaneous			
63	Earthing and protections (Array Structure, PCU, ACDB and DCDB) IS:3043-1987	OK/Not OK	
64	Earthing Resistance less than 5 ohms	YES/NO, values.....ohms	
65	NOC from the Concerned DISCOM for the connectivity, technical feasibility, and synchronization of SPV plant	YES/NO, attached (not mandatory)	
66	Bidirectional meters installed (for net metering)	YES/NO, Rating, Data sheet	
67	Accuracy and burden of Meters		
68	Danger boards and signages	YES/NO	
69	Fire extinguishers & Sand Buckets	YES/NO	
70	Tools & Tackles and spares	OK/Not OK	
71	O&M manual available at site	YES/NO	
72	Display Board	YES/NO	
(Signature – Bidder's Representative)		(Signature-Government Building representative)	(Signature - SECI's Inspector)
Drawings at Site			
73	Layout of solar Power Array As built drawing (A3 Sheet)	Check and Attach	
74	Shadow analysis of the roof	Check and Attach	
75	Single line diagram of plant (SLD) A 3 sheet)	Check and Attach	

76	Structural drawing along with foundation details for the structure (A3 Sheet)	Check and Attach	
77	Itemized bill of material for complete SPV plant covering all the components and associated accessories. The country of manufacturing needs to be mentioned for all major components like modules, inverters, cables, mounting structure, switchgear, SCADA system etc.	Check and Attach	
78	Soft copy in CD of final drawing	Check and Attach	
79	Photo Graphs of sites	Check and Attach	
80	Any specific problem(s)		
81	Recommendations		
(Signature – Bidder’s Representative)		(Signature-Government Building representative)	(Signature - SECI’s Inspector)

FORMAT FOR PERFORMANCE RATIO (PR)

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

$$PR = \frac{\text{Measured Output in kW}}{\text{Installed capacity in kW} \times \text{Measured radiation intensity in kW/m}^2} \times 100$$

Parameters	Input value	Remarks, if any
Date and Time for PR measurement		
A) Installed Plant Capacity in kW		
B) Measured output in kW		
C) Measured radiation intensity in W/m ²		
Performance Ratio (%) $(\frac{B \times 1000}{A \times C} \times 100)$		
Date of Installation/ Completion of the Rooftop Solar PV Project to be certified by client Government Building Representative		

Declaration:

1. It is to certify that all the information given above is true and correct to best of our knowledge. The plant is found to be installed as per the technical specifications mentioned in SECI's RfS No.:

Signature of Inspecting Officer, Date & Name

Signature of Representative of Bidder, Date & Seal

Signature of Client/Government Building Representative,

Date & Seal – Conforming installation of rooftop solar plant at their building and its satisfactory operation

CHECK LIST FOR COMPLETION**Documents against Completion of Project**

Name of successful bidder:

Allocated Capacity:

Allocation letter No.:

Sanction letter No.:

Name of Beneficiary:

Installed Capacity:

S. No.	Documents	YES/NO	Page No.
1	Claim letter for Incentive		
2	Copy of Inspection report along with the required documents as per SECI format		
3	Copy of CEIG Certificate		
4	Copy of Beneficiary/client Completion certificate as per Annexure (Mandatory when date of inspection is after date of commissioning)		
5	Solar PV plant Insurance Cover		
6	Net Metering Installation report/Intimation to DISCOM /NOC from DISCOM regarding plant connectivity approval		
7	Audited Statement of Expenditure (SOE)		
8	Proof of Spin Entry		

Signature**(Authorized Signatory)**

**BENEFICIARY COMMISSIONING/COMPLETION REPORT FOR GRID
CONNECTED SOLAR PHOTOVOLTAIC POWER PLANT**

Certified that a Grid Connected SPV Power Plant of kWp capacity has been installed and commissioned at the site district of which has been installed and commissioned by M/son The system is as per SECI RfS No: dated and its subsequent amendment and clarifications specifications. The system has been checked for its performance on and the plant made operational.

Signature of Government Building Representative,

Date & Seal

**QUALITY CERTIFICATION, STANDARDS AND TESTING FOR GRID-
CONNECTED ROOFTOP SOLAR PV SYSTEMS/POWER PLANTS**

Quality certification and standards for grid-connected rooftop solar PV systems 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 PV system/ plant must conform to the relevant standards and certifications given below:

Solar PV Modules/Panels	
IEC 61215/ IS 14286	Design Qualification and Type Approval for Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
IEC 61701	Salt Mist Corrosion Testing of Photovoltaic (PV) Modules
IEC 61853- Part 1/ IS 16170: Part 1	Photovoltaic (PV) module performance testing and energy rating –: Irradiance and temperature performance measurements, and power rating
IEC 62716	Photovoltaic (PV) Modules- Ammonia (NH ₃) Corrosion Testing (As per the site condition like dairies, toilets)
IEC 61730-1,2	Photovoltaic (PV) Module Safety Qualification-Part 1: Requirements for Construction, Part 2: Requirements for Testing
Solar PV Inverters	
IEC 62109-1, IEC 62109-2	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 (Protection degree IP 65 for outdoor mounting, IP 54 for indoor mounting)
IEC/IS 61683 (as applicable)	Photovoltaic Systems- Power conditioners: Procedure for Measuring Efficiency (10%, 25%, 50%, 75% & 90-100% Loading Conditions)
IEC 62116/UL 1741/ IEEE 1547 (as applicable)	Utility-interconnected Photovoltaic Inverters- Test Procedure of Islanding Prevention Measures
IEC 60255-27	Measuring relays and protection equipment- Part 27: Product safety requirements
IEC 60068-2/ IEC 62093 (as applicable)	Environmental Testing of PV System- Power Conditioners and Inverters
Fuses	
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

	<p>c) Low-voltage switchgear and Control-gear, Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units</p> <p>d) EN 50521: Connectors for photovoltaic systems – Safety requirements and tests</p>
IEC 60269-6	Low-voltage fuses - Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems
Surge Arrestors	
BFC 17-102:2011	Lightening Protection Standard
IEC 60364-5-53/ IS 15086-5 (SPD)	Electrical installations of buildings - Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control
IEC 61643-11:2011	Low-voltage surge protective devices - Part 11: Surge protective devices connected to low-voltage power systems - Requirements and test methods
Cables	
IEC 60227/IS 694, IEC 60502/IS 1554 (Part 1 & 2)/ IEC69947 (as applicable)	General test and measuring method for PVC (Polyvinyl chloride) insulated cables (for working voltages up to and including 1100 V, and UV resistant for outdoor installation)
BS EN 50618	Electric cables for photovoltaic systems (BT(DE/NOT)258), mainly for DC Cables
Earthing /Lightning	
IEC 62561 Series (Chemical earthing) (as applicable)	<p>IEC 62561-1 Lightning protection system components (LPSC) - Part 1: Requirements for connection components</p> <p>IEC 62561-2 Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes</p> <p>IEC 62561-7 Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds</p>
Junction Boxes	
IEC 60529	Junction boxes and solar panel terminal boxes shall be of the thermo-plastic type with IP 65 protection for outdoor use, and IP 54 protection for indoor use
Energy Meter	
IS 16444 or as specified by the DISCOMs	A.C. Static direct connected watt-hour Smart Meter Class 1 and 2- Specification (with Import & Export/Net energy measurements)
Solar PV Roof Mounting Structure	
IS 2062/IS 4759	Material for the structure mounting

Note: Equivalent standards may be used for different system components of the plants. In case of clarification following person/agencies may be contacted.

- Ministry of New and Renewable Energy (Govt. of India)

- National Institute of Solar Energy
- The Energy & Resources Institute
- TUV Rheinland
- UL

**INTIMATION TO DISCOM FOR IMPLEMENTATION OF GRID CONNECTED
ROOFTOP SOLAR PV PLANT**

To,

Date:

_____ (Designated Officer, DISCOM)

1	Name of SPD/Implementing Agency	
2	Name of the Consumer*	
Site Details*		
3	Address of the Rooftop Project Site:*	House No:
		Street Name:
		Village Name:
		District Name:
		State:
		Pin Code:
4	Phone / Mobile no. *	
5	Email Id:	
6	Electricity Consumer No. *	
7	Category (Please) *	<input checked="" type="radio"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input checked="" type="radio"/> Educational <input type="checkbox"/> Government <input type="checkbox"/> Others, Specify
8	Installed Plant Capacity (kWp)*	
9	Connected load (kVA)*	
10	Voltage level at interconnection*	<input type="checkbox"/> 415 V <input type="checkbox"/> 11 kV <input type="checkbox"/> above 11 kV
11	Nearest Transformer Details	Location: Capacity:
12	Details of Inverter with Anti-Islanding Protection* Phase (Φ): (Please) Galvanic Isolation (Please)	Make: Capacity: <input checked="" type="radio"/> Single phase <input type="checkbox"/> 3-Phase <input checked="" type="radio"/> Inside Inverter <input type="checkbox"/> Outside Inverter
14	Both AC and DC components of the SPV power plants Earthed*: <input type="checkbox"/>	
15	CEIG Inspection required*	<input type="checkbox"/> Yes <input type="checkbox"/> No
16	If, Yes, Inspection date * (Attach copy of CEIG Certificate)	
18	Bank Account details	Account No. Bank Branch
19	Date of Grid Synchronization*	
20	Net metering and grid connectivity (Attach acknowledgment from DISCOM, if received)	Applied on: Fees Deposited On:

*to be provided mandatorily

It is certified that the information furnished above is true to the best of my knowledge.

Consumer / Authorized Signatory of
Implementing Agency on behalf of consumer

Copy To:

Engineer In-charge, Solar Energy Corporation of India Limited, New Delhi

SPECIAL INSTRUCTIONS TO BIDDERS FOR e-TENDERING**GENERAL**

The Special Instructions (for e-Tendering) supplement 'Instructions to Bidders', as given in these RfS Documents. Submission of Online Bids is mandatory for this RfS.

e-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Now, the Government of India has made e-Tendering mandatory. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, *Solar Energy Corporation of India Limited (SECI)* has adopted a secured and user-friendly e-tender system enabling bidders to Search, View, Download tender document(s) directly from the e-tendering portal of M/s Electronic Tender.com (India) Pvt. Limited <https://www.bharat-electronictender.com> through ISN-ETS. This portal is based on the world's most 'secure' and 'user friendly' software from ElectronicTender®. A portal built using ElectronicTender's software is also referred to as ElectronicTender System® (ETS).

Benefits to Suppliers are outlined on the Home-page of the portal.

INSTRUCTIONS**Tender Bidding Methodology:****Sealed Bid System**

Single Stage Two Envelope

Broad Outline of Activities from Bidder's Perspective:

1. Procure a Class III Digital Signing Certificate (DSC).
2. Register on ElectronicTender System® (ETS)
3. Create Marketing Authorities (MAs), Users and assign roles on ETS. It is mandatory to create at least one MA
4. View Notice Inviting Tender (NIT) on ETS
5. For this tender -- Assign Tender Search Code (TSC) to a MA
6. Download Official Copy of Tender Documents from ETS. Note: Official copy of Tender Documents is distinct from downloading 'Free Copy of Tender Documents'. To participate in a tender, it is mandatory to procure official copy of Tender Documents for that tender.
7. Clarification to Tender Documents on ETS
 - a) Query to SECI (Optional)
 - b) View response to queries posted by SECI
8. Bid-Submission on ETS
9. Respond to SECI Post-TOE queries

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the ETS.

Digital Certificates

For integrity of data and authenticity/ non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class III, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

Registration

To use the ElectronicTender® portal <https://www.bharat-electronictender.com>, vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons who will be the main person coordinating for the e-tendering activities. In ETS terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/ portal, and click on the 'Supplier Organization' link under 'Registration' (on the Home Page), and follow further instructions as given on the site. Pay Annual Registration Fee as applicable.

After successful submission of Registration details and payment of Annual Registration Fee, please contact ISN-ETS Helpdesk (as given below), to get your registration accepted/ activated.

Important Note:

1. Interested bidders have to download official copy of the RfS & other documents after login into the e-tendering Portal of ISN-ETS <https://www.bharat-electronictender.com>. If the official copy of the documents is not downloaded from e-tendering Portal of ISN-ETS within the specified period of downloading of RfS and other documents, bidder will not be able to participate in the tender.
2. To minimize teething problems during the use of ETS (including the Registration process), it is recommended that the user should peruse the instructions given under 'ETS User-Guidance Centre' located on ETS Home Page, including instructions for timely registration on ETS. The instructions relating to 'Essential Computer Security Settings for Use of ETS' and 'Important Functionality Checks' should be especially taken into cognizance.

Please note that even after acceptance of your registration by the Service Provider, to respond to a tender you will also require time to complete activities related to your organization, such as creation of users, assigning roles to them, etc.

ISN-ETS/ Helpdesk	
Telephone/ Mobile	Customer Support: +91-124-4229071, 4229072 (From 1000 HRS to 1800 HRS on all Working Days i.e., Monday to Friday except Government Holidays)
Email-ID	support@isn-ets.com [Please mark CC: support@electronictender.com]

Some Bidding Related Information for this Tender (Sealed Bid)

The entire bid-submission would be online on ETS (unless specified for Offline Submissions). Broad outline of submissions are as follows:

➤ Submission of Bid-Parts

RfS for Selection of SPDs for Setting up of 15 MW of Grid-Connected RTSPV Projects on Government buildings under RESCO mode	RfS No. SECI/C&P/IPP/14/0002/23-24 dated 07.07.2023	Page 110 of 139
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- Envelope I (Technical-Bid)
- Envelope II (Financial-Bid)
- *Submission of digitally signed copy of Tender Documents/ Addendum*

In addition to the above, the bidders are required to submit certain documents physically offline also as per Clause 28.1 of the RfS, failing which the technical bids will not be opened.

Note: The Bidder should also upload the scanned copies of all the above-mentioned original documents as Bid-Annexures during Online Bid-Submission.

Internet Connectivity

If bidders are unable to access ISN-ETS's e-tender portal or Bid Documents, the bidders may please check whether they are using proxy to connect to internet or their PC is behind any firewall and may contact their system administrator to enable connectivity. Please note that Port SSL/ 443 should be enabled on proxy/firewall for HTTPS connectivity. Dial-up/ Broad and internet connectivity without Proxy settings is another option

SPECIAL NOTE ON SECURITY AND TRANSPARENCY OF BIDS

Security related functionality has been rigorously implemented in ETS in a multidimensional manner. Starting with 'Acceptance of Registration by the Service Provider', provision for security has been made at various stages in Electronic Tender's software. Specifically, for Bid Submission, some security related aspects are outlined below:

As part of the Electronic Encrypted[®] functionality, the contents of both the 'ElectronicForms[®]' and the 'Main-Bid' are securely encrypted using a Pass-Phrase created by the Bidder himself. Unlike a 'password', a Pass-Phrase can be a multi-word sentence with spaces between words (e.g. I love this World). A Pass-Phrase is easier to remember, and more difficult to break. It is mandatory that a separate Pass-Phrase be created for each Bid-Part. This method of bid-encryption does not have the security and data-integrity related vulnerabilities which are inherent in e-tendering systems which use Public-Key of the specified officer of a Buyer organization for bid-encryption. Bid-encryption in ETS is such that the Bids cannot be decrypted before the Public Online Tender Opening Event (TOE), even if there is connivance between the concerned tender-opening officers of the Buyer organization and the personnel of e-tendering service provider.

CAUTION: All bidders must fill ElectronicForms[®] for each bid-part sincerely and carefully, and avoid any discrepancy between information given in the ElectronicForms[®] and the corresponding Main-Bid. For transparency, the information submitted by a bidder in the ElectronicForms[®] is made available to other bidders during the Online Public TOE. If it is found during the Online Public TOE that a bidder has not filled in the complete information in the ElectronicForms[®], the TOE officer may make available for downloading the corresponding Main-Bid of that bidder at the risk of the bidder. **If variation is noted between the information contained in the ElectronicForms[®] and the 'Main-Bid', the contents of the ElectronicForms[®] shall prevail.**

In case of any discrepancy between the values mentioned in figures and in words, the value mentioned in words will prevail.

The bidder shall make sure that the Pass-Phrase to decrypt the relevant Bid-Part is submitted into the ‘Time Locked Electronic Key Box (EKB)’ after the deadline of Bid Submission, and before the commencement of the Online TOE of Technical Bid. The process of submission of this Pass-Phrase in the ‘Time Locked Electronic Key Box’ is done in a secure manner by first encrypting this Pass-Phrase with the designated keys provided by SECI.

Additionally, the bidder shall make sure that the Pass-Phrase to decrypt the relevant Bid-Part is submitted to SECI in a sealed envelope before the start date and time of the Tender Opening Event (TOE).

There is an additional protection with SSL Encryption during transit from the client-end computer of a Supplier organization to the e-Tendering Server/ Portal.

OTHER INSTRUCTIONS

For further instructions, the vendor should visit the home-page of the portal <https://www.bharat-electronictender.com>, and go to the **User-Guidance Center**

The help information provided through ‘ETS User-Guidance Center’ is available in three categories – Users intending to Register/ First-Time Users, Logged-in users of Buyer organizations, and Logged-in users of Supplier organizations. Various links (including links for User Manuals) are provided under each of the three categories.

Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of ETS.

SEVEN CRITICAL DO’S AND DON’TS FOR BIDDERS

Specifically, for Supplier organizations, the following '**SEVEN KEY INSTRUCTIONS for BIDDERS**' must be assiduously adhered to:

1. Obtain individual Digital Signing Certificate (DSC or DC) of Class III well in advance of your tender submission deadline on ETS.
2. Register your organization on ETS well in advance of the important deadlines for your first tender on ETS viz ‘Date and Time of Closure of Procurement of Tender Documents’ and ‘Last Date and Time of Receipt of Bids’. Please note that even after acceptance of your registration by the Service Provider, to respond to a tender you will also require time to complete activities related to your organization, such as creation of -- Marketing Authority (MA) [i.e. a department within the Supplier/ Bidder Organization responsible for responding to tenders], users for one or more such MAs, assigning roles to them, etc. It is mandatory to create at least one MA. This unique feature of creating an MA enhances security and accountability within the Supplier/ Bidder Organization
3. Get your organization's concerned executives trained on ETS well in advance of your first tender submission deadline on ETS.

4. For responding to any particular tender, the tender (i.e. its Tender Search Code or TSC) has to be assigned to an MA. Further, an 'Official Copy of Tender Documents' should be procured/ downloaded before the expiry of Date and Time of Closure of Procurement of Tender Documents. Note: Official copy of Tender Documents is distinct from downloading 'Free Copy of Tender Documents'. Official copy of Tender Documents is the equivalent of procuring physical copy of Tender Documents with official receipt in the paper-based manual tendering system.
5. Submit your bids well in advance of tender submission deadline on ETS (There could be last minute problems due to internet timeout, breakdown, etc.)
6. It is the responsibility of each bidder to remember and securely store the Pass-Phrase for each Bid-Part submitted by that bidder. The bidders are required to submit correct, valid and operative Pass-Phrase to decrypt either Technical Bid Part or Financial Bid Part in a separate sealed envelope before due date and time of submission of bid. In the event, the bids are not opened with the pass-phrase submitted by bidder, SECI may ask for re-submission/ clarification for correct pass-phrase. If bidder fails to submit correct pass-phrase immediately as requested by SECI, the Bid Processing Fee and Document Fee, if applicable, shall be forfeited and bid shall not be opened, and EMD shall be refunded. No request on this account shall be entertained by SECI.
7. ETS will make your bid available for opening during the Online Public Tender Opening Event (TOE) 'ONLY IF' the status pertaining Overall Bid-Submission is 'COMPLETE'. For the purpose of record, the bidder can generate and save a copy of 'Final Submission Receipt'. This receipt can be generated from 'Bid-Submission Overview Page' only if the status pertaining overall Bid-Submission' is 'COMPLETE'

NOTE:

While the first three instructions mentioned above are especially relevant to first-time users of ETS, the fourth, fifth, sixth and seventh instructions are relevant at all times.

TENTATIVE LIST OF BUILDINGS UNDER MCD

North Area Of MCD		
S. No.	Ward No.	Name Of Building
Name Of Schools		
1	6-N	IBRAHIM PUR I
2	6-N	NATHU PURA II
3	7-N	BURARI GIRLS
4	10-N	MUKUND PUR II
5	12-N	TIMARPUR II
6	12-N	WAZIRABAD W. WORKS
7	12-N	LANCERS ROAD
8	13-N	NEHRU KUTIYA
9	13-N	KATRA REWRI NEW
10	13-N	MEETHA KAUN
11	13-N	ARYA PURA
12	13-N	KABIR BASTI
13	14-N	MALIK PUR II
14	14-N	HAKIKAT NAGAR
15	14-N	DHAKKA
16	14-N	MUKERJI PARK
17	14-N	VIJAY NAGAR S/S
18	14-N	VIJAY NAGAR D/S
19	15-N	NEHRU VIHAR GIRLS
20	15-N	NEHRU VIHAR BOYS
21	15-N	GOPAL PUR VILLAGE
22	15-N	MUKERJI NAGAR NEW
23	15-N	PARMANAND COLONY
24	15-N	INDRA VIHAR
25	16-N	JAHANGIR PUR A-BLK
26	16-N	JAHANGIR PUR H-BLK
27	17-N	AZAD PUR VILLAGE
28	17-N	INDRA NAGAR
29	18-N	DHIR PUR
30	18-N	GANDHI VIHAR
31	18-N	MOHAN PARK
32	18-N	GOPAL NAGAR
33	18-N	MAJLIS PARK
34	18-N	BHADOLA PANCHWATI
35	23-N	SAMAY PUR OLD
36	80-N	BARA HINDU RAO

37	82-N	SUBHDARA COLONY-I / II
38	82-N	BASTI SARAI -I / II
39	82-N	TULSI NAGAR -I / II
40	82-N	ANAND NAGAR -I / II
41	83-N	ARUNA NAGAR -I / II
42	85-N	KUCH CHELLAN NEW
43	86-N	GALI BANDOOK
44	87-N	TURKMAN GATE
45	93-N	PAHAR GANJ NEW
46	93-N	CHANDIWALAN
47	97-N	BALJEET NAGAR
48	99-N	ASHOKA PARK EXTN
49	102-N	WEA
50	102-N	PUSA CAMPUS
51	103-N	DASHGHARA
52	103-N	KRISHI KUNJ
53	103-N	J J CAMP TAMIL NARAINA
54	104-N	G-BLOCK NARAINA
55	24-N	ROHINI SEC 16 G
56	24-N	ROHINI SEC 17
57	27-N	BUDH VIHAR-I
58	27-N	BUDH VIHAR-II
59	40-N	NITHARI NO -1-I
60	40-N	NITHARI NO. -1-II
61	40-N	NITHARI NO-2-II
62	44-N	MUBARAKPUR GIRLS
63	44-N	MUBARAKPUR BOYS
64	45-N	SULANTAN PURI C6-II
65	45-N	SULANTAN PURI P1-II
66	45-N	SULANTAN PURI P4-II
67	53-N	AVANTIKA
68	53-N	ROHINI SEC-4-I
69	53-N	ROHINI SEC-4-II
70	54-N	MANGOLPURI A-I
71	54-N	MANGOLPURI A-II
72	54-N	MANGOLPURI C-I
73	54-N	MANGOLPURI C-II
74	54-N	MANGOLPURI F-I
75	54-N	MANGOLPURI F-II
76	54-N	MANGOLPUR BOYS
77	54-N	MANGOLPUR GIRLS
78	56-N	MANGOLPURI E-I
79	56-N	MANGOLPURI E-II
80	56-N	MANGOLPURI K-I
81	56-N	MANGOLPURI K-II

82	56-N	MANGOLPURI L-II
83	56-N	MANGOLPURI M-II
84	56-N	MANGOLPURI O-I
85	56-N	MANGOLPURI O-II
86	57-N	ROHINI SEC 18-N
87	60-N	ROHINI SEC -9
88	60-N	RAZAPUR VILLAGE
89	42-N	KIRARI-II
90	42-N	PREM NAGAR-I
91	42-N	PREM NAGAR-II
92	47-N	SULANTAN PURI A-II
93	47-N	SULANTAN PURI A2-II
94	47-N	SULANTAN PURI B-I
95	47-N	SULANTAN PURI B-II
96	47-N	SULANTAN PURI D-I
97	47-N	SULANTAN PURI D-II
98	47-N	RAJ PARK CO -ED
99	47-N	SULTANPUR MAJRA
100	48-N	SULANTAN PURI E-II
101	48-N	SULANTAN PURI F-I
102	48-N	SULANTAN PURI F-II
103	48-N	SULANTAN PURI G-I
104	48-N	SULANTAN PURI G-II
105	55-N	MANGOLPURI P-I
106	55-N	MANGOLPURI P-II
107	55-N	MANGOLPURI Q-I
108	55-N	MANGOLPURI Q-II
109	55-N	MANGOLPURI R-I
110	55-N	MANGOLPURI R-II
111	55-N	MANGOLPURI S-I
112	55-N	MANGOLPURI S-II
113	55-N	MANGOLPURI T-II
114	55-N	MANGOLPURI U
115	25-N	ROHINI SEC 5 B
116	46-N	MANGOLPURI Y-I
117	46-N	MANGOLPURI J
118	46-N	MANGOLPURI H
119	49-N	JWALAPURI A-II
120	49-N	J J NANGLOI NO 2-I
121	49-N	J J NANGLOI NO 2-II
122	49-N	J J NANGLOI NO 3-I
123	49-N	J J NANGLOI NO 3-II
124	49-N	KAVITA COLONY-I
125	49-N	KAVITA COLONY-II
126	49-N	NANGLOI VILLAGE INNER-I

127	49-N	NANGLOI VILLAGE INNER-II
128	50-N	NANGLOI SAIDAN-I
129	50-N	NANGLOI SAIDAN-II
130	50-N	PEERA GARHI-I
131	50-N	PEERA GARHI-II
132	51-N	NIHAR VIHAR IST
133	51-N	NIHAR VIHAR 2ND
134	59-N	ROHINI SEC-13
135	59-N	NAHARPUR
136	1-N	PANA UDYAN-I
137	1-N	PANA PAPOSIAN-I
138	1-N	PANA MAMURPUR-I
139	1-N	KURENI CO-ED
140	2-N	HAMIDPUR
141	2-N	KHAMPUR
142	2-N	GARHI BAKHTAWARPUR
143	2-N	TAJPUR KALAN CO-ED
144	2-N	SUNGARPUR
145	2-N	TIGI PUR
146	2-N	AKBARPUR MAZRA
147	2-N	PALLA BOYS
148	2-N	PALLA GIRLS
149	2-N	BAKHTAWARPUR (B)
150	2-N	KUSHAK HIRANKI
151	2-N	HIRANKI CO-ED
152	2-N	JINDPUR
153	3-N	SINGHOLA
154	3-N	KHERA KALAN
155	3-N	SWARAN JAYANTI VIHAR
156	3-N	ROHINI SEC -27
157	4-N	KHERA KHURD CO-ED
158	4-N	NAYA BANS CO ED
159	4-N	HOLAMBI KHURD BOYS
160	4-N	HOLAMBI KHURD GIRLS
161	4-N	HOLAMBI KALAN CO ED
162	4-N	METRO VIHAR PT A H K
163	4-N	METRO VIHAR PT B H K
164	4-N	METRO VIHAR PT C H K
165	4-N	PH-II, BLOCK-C, SITE3 H K
166	4-N	PH-II, BLOCK-C, SITE4 H K
167	4-N	SANNOTH BOYS
168	4-N	SANNOTH GIRLS
169	5-N	GHOGA CO ED
170	29-N	DARIYAR PUR BOYS
171	29-N	DARIYAR PUR GIRLS

172	29-N	NANGAL THAKRAN CO ED
173	29-N	BAJITPUR CO ED
174	29-N	AUCHANDI CO ED
175	29-N	HAREWALI
176	29-N	QUTABGARH BOYS
177	29-N	QUTABGARH GIRLS
178	29-N	JATKHORE CO ED
179	29-N	SALAHPUR MAJRA CO ED
180	29-N	CHANDPUR CO ED
181	29-N	BAWANA OLD BOYS
182	30-N	SULTANPUR DABAS CO ED
183	31-N	POOTH KHURD NEW
184	31-N	POOTH KHURD OLD
185	31-N	BARWALA CO ED
186	31-N	SHAHBAD DAULATPUR CO ED
187	31-N	SHAHBAD DAULATPUR GIRLS
188	31-N	SECTOR 26 ROHINI
189	31-N	SHAHBAD DIARY B-I
190	32-N	SEC-25 ROHINI
191	32-N	SECTOR 23-I ROHINI
192	34-N	POOTH KALAN GIRLS
193	34-N	SEC 20 EXT ROHINI
194	34-N	SEC 20 NEW ROHINI
195	34-N	SEC 21-I ROHINI
196	34-N	SEC 22 ROHINI
197	34-N	KANJHAWALA BOYS
198	34-N	KANJHAWALA GIRLS
199	35-N	LADPUR GIRLS
200	35-N	JHIMARPURA
201	35-N	JAUNTI CO ED
202	35-N	TATESAR CO ED
203	35-N	GARHI RANDHALA
204	35-N	NIZAMPUR
205	35-N	SAWDA VILLAGE
206	35-N	J J SAWDA B NEW
207	35-N	GHEVRA BOYS
208	35-N	GHEVRA GIRLS
209	35-N	RANI KHERA BOYS
210	35-N	RANI KHERA GIRLS
211	36-N	MANDANPUR DABAS BOYS
212	36-N	MADANPUR DABAS GIRLS
213	36-N	MOHAMEDPUR MAJRI
214	35-N	KARALA GIRLS
215	36-N	J J NANGLOI E -I
216	38-N	MUNDKA BOYS

217	38-N	MUNDKA GIRLS
218	39-N	MUNDKA NEW
219	39-N	HIRAN KUDNA
220	39-N	NEELWAL
221	61-N	LU PITAMPURA
222	61-N	MCPS EU BLOCK PITAMPURA
223	61-N	HAIDERPUR BOYS
224	62-N	SHALAMAR VILLAGE 1
225	62-N	SAHIPUR
226	62-N	B B SHALIMAR BAGH
227	62-N	U&V SHALIMAR BAGH
228	63-N	AB SHALIMAR BAGH
229	63-N	AC SHALIMAR BAGH
230	63-N	BK2 SHALIMAR BAGH
231	64-N	CP PITAM PURA
232	64-N	GP PITAMPURA
233	64-N	UU PITAMPURA
234	65-N	SARASWATI VIHAR
235	65-N	A-5 PASCHIM VIHAR
236	65-N	PEERAGARHI CAMP
237	66-N	RANI BAGH GIRLS
238	67-N	A-4 PASCHIM VIHAR
239	68-N	PITAMPURA VILLAGE
240	68-N	HARSH VIHAR
241	69-N	SHAKURPUR E BLOCK
242	69-N	SHAKURPUR F BLOCK
243	69-N	SHAKURPUR G I
244	69-N	SHAKURPUR H-BLOCK
245	69-N	SHAKURPUR II
246	70-N	MCPS HARYANA POWER HOUSE OLD
247	70-N	RAMPURA
248	70-N	SRI NAGAR (OLD-I)
249	70-N	SHAKURPUR VILL-I
250	71-N	ONKAR NAGAR A BLOCK
251	71-N	GANESH PURA
252	72-N	E BLOCK ASHOK VIHAR
253	72-N	A BLOCK WAZIRPUR IND AREA
254	72-N	C-1 WAZIRPUR IND AREA
255	72-N	C-2 WAZIRPUR IND AREA
256	73-N	BHARAT NAGAR
257	73-N	SAWAN PARK
258	73-N	ASHOK VIHAR PH 3
259	73-N	B 2 ASHOK VIHAR
260	74-N	J J WAZIRPUR NEW
261	74-N	MCPS J J WAZIPUR OLD

262	75-N	H BLOCK ASHOK VIHAR
263	75-N	WAZIRPUR VILLAGE IST
264	76-N	MCPS SANGAM PARK
265	76-N	MCPS LAL BAGH I / II
266	76-N	RANA PRATAP BAGH
267	77-N	RAJPURA GURMANDI
268	77-N	NEW GUPTA COLONY
269	77-N	D T U COLONY
270	77-N	GUJARANWALA TOWN
271	77-N	AZADPUR COLONY I
272	78-N	NEW CHANDRAWAL GIRLS
273	78-N	KAMALA NAGAR D/S
274	78-N	BACHCHU MAL
275	78-N	MANDELLA ROAD
276	78-N	BIRLA LINE
277	78-N	SHAKTI NAGAR GIRLS
278	78-N	PREM NAGAR CO ED
279	92-N	JHANDEWALAN
280	92-N	KATRA CHHAJJU PANDIT
281	93-N	MCPS SHIV NAGAR
282	4 N-N	SANNOTH BOYS
283	94-N	MCPS BASTI REIGAR ARYA SAMAJ ROAD
284	94-N	MCPS ANAND PURI BAPA NAGAR-1
285	98-N	MCPS 28 BLOCK WEST PATEL NAGAR (Co-Ed)
286	99-N	MCPS G BLOCK KARAMPURA
287	99-N	MCPS H-1- BLOCK KARAMPURA
288	99-N	MCPS KARAMPURA NO 3
289	100-N	MCPS KIRTI NAGAR INDUSTRIAL AREA
290	100-N	MCPS RAMESH NAGAR NO 2
291	100-N	MCPS MOTI NAGAR EAST
292	100-N	MCPS MOTI NAGAR WEST
293	100-N	MCPS SUDERSHAN PARK-I
294	101-N	MCPS RAMESH NAGAR NO 1 (BOYS)
295	101-N	MCPS RAMESH NAGAR NO 1 (GIRLS)
296	101-N	MCPS RAMESH NAGAR NO 3
297	101-N	MCPS SARASWATI GARDEN
298	101-N	MCPS MANSAROVER GARDEN
299	101-N	MCPS CHUNA BHATTI-I KIRTI NAGAR
300	101-N	MCPS NEW RAJINDER NAGAR
301	103-N	MCPS DASHGHARA-I
302	103-N	MCPS J J CAMP NARAINA-I
303	103-N	MCPS NARAINA VILLAGE-I
304	104-N	MCPS E-BLOCK NARAINA
305	104-N	MCPS G-BLOCK NARAINA
306	104-N	MCPS NANGLI PUNA

307	6-N	MCPS KADIPUR KAUSHAK NO 1
308	6-N	MCPS MUKHMAIL PUR GIRLS
309	6-N	MCPS MUKHMAIL PUR BOYS
310	6-N	MCPS KHARODA MAZRA-I
311	3-N	SINGHOLA VILLAGE
312	9 N	MCPS SANT NAGAR-II
313	9-N	MCPS JAHANGIR PURI D-I
314	11-N	MCPS JAHANGIR PURI E-I
315	11-N	MCPS JAHANGIR PURI EE
316	16-N	MCPS JAHANGIR PURI A-I
317	16-N	MCPS ADARSH NAGAR -I
318	17-N	MCPS BHAROLA VILL
319	17-N	MCPS SARAI PIPAL THALA-I
320	17-N	MCPS JAHANGIR PURI F & G-I
321	17-N	MCPS RAMESHWAR NAGAR
322	18-N	MCPS KEWAL PARK
323	18-N	MCPS SIRAS PUR BOYS
324	19-N	MCPS SIRAS PUR GIRLS
325	19-N	MCPS BHALASWA DAIRY-1
326	20-N	MCPS BHALASWA J J NO-1
327	20-N	MCPS BHALASWA J J NO-2
328	20-N	MCPS JAHANGIR PURI B
329	21-N	MCPS JAHANGIR PURI C
330	21-N	MCPS JAHANGIR PURI K
331	21-N	MCPS BHALASWA VILL
332	22-N	MCPS JAHANGIR PURI-I-I
333	23-N	MCPS BADLI-II
334	23-N	MCPS SAMAY PUR NEW-II
335	23-N	MCPS LIBAS PUR -II
336	79-N	GULABI BAGH
337	79-N	LALITA BLOCK SHATRI NAGAR
338	79-N	NIMRI VILLAGE
339	81-N	BAGH KARE KHAN
340	81-N	CHANDER SHEKHAR AZAD COLONY
341	81-N	NAI BASTI KISHAN GANJ
342	81-N	PRATAP NAHAR
343	81-N	RAILWAY COLONY KISHAN GANJ
344	81-N	H-BLOCK NARAINA
Name Of Community Hall		
345		KACH BAGH CHANDNI CHOWK
346		KATRA GOKAL SHAH
347		NAIWARA GALI CHAWRI BAZAR
348		PRATAP NAGAR
349		NAI BASTI
350		BHAMASHAH MARKET TIKONA PARK

351	NEW BARADARI
352	ZAKHIRA FLYOVER
353	ROHINI SECTOR 16 BLOCK J SADAR COLONY
354	ROHINI SECTOR 16 BLOCK I
355	ROHINI SECTOR 17
356	AMAR JYOTI COLONY
357	ROHINI SECTOR 5
358	ROHINI SECTOR 11
359	SULTAN PURI BLOCK C-4
360	MONGOLPURI BLOCK I
361	MONGOLPURI BLOCK Y
362	MONGOLPURI BLOCK U SULTAN PURI MAJRA
363	SULTAN PURI BLOCK A-4
364	SULTAN PURI BLOCK D-4
365	SULTAN PURI BLOCK E-7
366	SULTAN PURI BLOCK F-2
367	JABALPURI MAIN ROAD
368	JABALPURI BLOCK A
369	SAINI MOHALLA
370	NAGLOI BLOCK M
371	NAGLOI BLOCK Y
372	ROHINI SECTOR 2
373	ROHINI SECTOR 3
374	ROHINI SECTOR 4
375	ROHINI SECTOR 15
376	ROHINI SECTOR 18
377	ROHINI SECTOR 13
378	ROHINI SECTOR 7
379	ROHINI SECTOR 9
380	ROHINI SECTOR 9
381	MONGOLPURI BLOCK F
382	MONGOLPURI BLOCK C
383	MONGOLPURI BLOCK P
384	MONGOLPURI BLOCK S
385	MONGOLPURI BLOCK Q
386	MONGOLPURI BLOCK N
387	MONGOLPURI BLOCK K
388	PRASHANT VIHAR
389	PUNJABI COLONY NARELA
390	BANKER
391	NAGLOI BLOCK A
392	NAGLOI BLOCK D
393	ROHINI SECTOR-24
394	SAHABAD DAIRY
395	POOTH KHURD

396		BEGUMPUR
397		MCD SCHOOL WAI GALI -DB GUPTA ROAD
398		CHUNA MANDI PAHARGANJ
399		1-C49 NEW ROHTAK ROAD
400		3454 GALI NO 2 REGARPURA
401		30- BLOCK EAST PATEL NAGAR
402		26- BLOCK WEST PATEL NAGAR
403		DTC COLONY SHADIPUR
404		16/140 PURANI CHUNGI BAPA NAGAR
405		MCD DISPENSARY GOAL CHAKKAR RAMESH NAGAR
406		BLOCK 8,9 MOTI NAGAR
407		KARAMPURA H BLOCK
408		BLOCK-3C , NEW RAJENDER NAGAR
409		F-BLOCK J J COLONY INDERPURI
410		MOTHER DAIRY UPENDER BHAWAN Krishna MARKET COMM CENTRE
411		GOL CHAKKAR HATHI WALA CHOWK RAJGARPURA
Name Of Other Building		
412		GALI NO 4 & 5 DEV NAGAR SCRC
413		BALJEET NAGAR SCRC
414		F BLOCK KIRTI NAGAR
415		ASHOK PARK EXTENSION PUNJABI BAGH
416		MOTI NAGAR SCRC NEAR ACHARYA HOSPITAL
417		RAM NAGAR AKARSHAN ROAD
418		AZMAL KHAN PARK
419		RAMAJAS ROAD, PHYSICAL CENTRE GYM NEW PRIMARY SCHOOL RAMJAS LANE
420		KARAMPURA NEW MOTI NAGAR NEAR MATERNITY CENTRE KARAMPURA
421		TENIS COURT BEHIND CENTRAL MARKET F BLOCK
422		KASTURBA HOSPITAL NEAR JAMA MASJID
423		MVID HOSPITA GTB NAGAR
424		RBIPMY HOSPITAL NEAR KINGS WAY CAMP
425		GIRDHARI LAL MATERNITY HOSPITAL JLN MARG
426		ZONAL BUILDING CITY & SP , OLD HINDU COLLEGE BUILDING KASHMIRI GATE (Govt. Office)
427		ZONAL OFFICE BUILDING, KESHAV PURAM ZONE (Govt. Office)
428		ZONAL OFFICE BUILDING, CIVIL LINE ZONE RAJPURA (Govt. Office)
429		ZONAL OFFICE BUILDING, ROHINI ZONE, NEAR ROHINI EST METRO STATION (Govt. Office)
430		ZONAL OFFICE BUILDING, KAROL BAGH NEAR ANAND PARBAT (Govt. Office)

South Area Of MCD		
S. No.	Ward No.	Name Of Building
1	55-S	SDMC Community Center Bhogal
2	55-S	MNCW Centre Jungpura
3	55-S	Office Complex Ambedkar Stadium
4	55-S	Health Centre Dariyaganj
5	104-S	Health Centre Madanpur Khadar
6	101-S	SDMC Community Centre Taimur Nagar
7	103-S	SDMC School Madanpur Khader J.J. Colony Ph.-I
8	103-S	SDMC School Madanpur Khader J.J. Colony Ph.-III
9	103-S	SDMC Community Center Madanpur Khadar JJ Colony Phase-1
10	103-S	SDMC Community Center Madanpur Khadar JJ Colony Phase-2
11	95-S	SDMC Community Center Shahi Masjid
12	95-S	SDMC Poly Clinic Badarpur
13	95-S	SDMC M&CW Center Badarpur
14	95-S	JE(W) Store Badarpur Village
15	96-S	SDMC School Molarbad Extension
16	60-S	SDMC Community Center Kotla Mubarakpur
17	60-S	SDMC Community Center South Ex. Part 2
18	60-S	SDMC Community Center Aliganj, Jorbagh
19	56-S	SDMC School Nangli Razapur
20	56-S	SDMC Community Center Sarai Kale Khan
21	56-S	SDMC Ayurvedic Dispensary Sunlight Colony No.1
22	57-S	JE Store Nehru Nagar
23	57-S	Community Centre, Nehru Nagar
24	57-S	Community Centre, Krishna Market
25	57-S	Hospital/Dispensary, Lajpat Ngr Colony (Hospital)
26	57-S	Ayurvedic Dispensary, Lajpat Nagar
27	57-S	Unani Dispensary, C-Block Lajpat Nagar 2
28	57-S	MCW Centre , Nehru Nagar
29	92-S	JE Store, Harkesh Nagar
30	89-S	Community Centre, Sarai Jullena
31	89-S	JE Store, Srinivaspuri
32	89-S	Maternity Home , Srinivaspuri
33	89-S	Physiotherapy Centre East Of Kailash
34	100-S	MC Primary School Khizrabad Hindi/Urdu
35	100-S	MC Primary School Zakir Nagar Hindi/Urdu
36	100-S	M& CW Center Khizrabad
37	100-S	Community Center Batla House
38	102-S	M.C. PRIMARY SCHOOL (BOYS) HINDI OKHLA VILLAGE,NR GIRLS URDU SCHOOL NEAR BUS STAND
39	102-S	M.C PRIMARY SCHOOL. ABUL FAZAL.ENCLAVE PART I,JAMIA NAGAR
40	102-S	M.C PRIMARY SCHOOL. OKHLA Urdu

41	58-S	MC SCHOOL NR FLY OVER SEWA NAGAR EAST
42	58-S	MC PRIMARY SCHOOL WEST SEWA NAGAR
43	58-S	MC SCHOOL LAJPAT NAGAR -I NR RAJKIYA PATSALA VIKAS VIDYALYA
44	58-S	Sewa Nagar N Block
45	58-S	EEE/CNZ Office At C - BLOCK NEAR MCD SCHOOL DEFENCE COLONY MARKET
46	90-S	(DHO)MCD MALARIA OFFICE CIRCLE NO 126 KALKA JI NEAR KRISHNA MKT
47	90-S	MCD PRIMARY SCHOOL K BLOCK SCHOOL KALKAJI
48	90-S	J.E. STORE NEAR COMPLAN CENTER KALKAJI 29
49	90-S	MCD PRIMARY SCHOOL B-BLOCK KALKAJI MAIN ROAD
50	90-S	COMMUNITY CENTRE KALKAJI
51	93-S	SDMC Community Center Pocket- 14 Kalkaji Extension
52	93-S	SDMC Dispensary Tugalkabad Village
53	94-S	Community Center Badarpur
54	94-S	SDMC Dispensary Badarpur Border Near Toll Plaza
55	59-S	SDMC School Sadik Nagar
56	59-S	House Tax Building Sawal Nagar
57	59-S	SDMC Community Center Sawal Nagar
58		IP PUMPING STATION
59	61S	Zonal Office Building Green Park
60	61S	JE Store Green Park Main Market K Block
61	61S	Nursury K Block , Green Park Extension
62	61S	Malaria Office K Block, , Green Park Extension
63	61S	Hamanupur Dispensary Near MCD Hamunyupur School
64	61S	SI Office Near MCD School Hamyunpur
65	61S	SI Office Near MCD School Arujun Nagar
66	61S	Cremation Ground Green Park
67	63S	M&CW Center Near MCD GIRLS School, Malviya Nagar
68	63S	JE Store Near Malviya Nagar Market
69	63S	S.I Office Near Entry Gate Madan Mohan Malviya Nagar Hospital
70	63S	Community Hall Malviya Nagar
71	63S	Hauz Rani Community Hall
72	65S	SI Office Sec-6 Near MCD School, R.K. Puram
73	65S	JE Office Sec-6 Near MCD School, R.K. Puram
74	65S	Disaster Mangment Building Sec-9 R.K Puram
75	65S	House Tax Building Sec-9 R.K.Puram
76	65S	SI Office Sec-8, R.K. Puram
77	65-S	Technical Laboratory Building, Sector-9, R K Puram
78	86S	Community Hall Shahpur Jat
79	86S	JE Store B Block Nala GK-1
80	86S	Archna Nursury B Block G.K-1
81	86S	Malariya Office B Block Kailash Colony
82	86S	SI Office Kailash Colony Market E Block

83	86S	Khel Gaon Nursury Hawa Singh Block
84	86-S	MCD Staff Quarters, R Block, Greater Kailash-I
85	62S	M&CW Center Gautam Nagar,
86	62S	Panchkarma Cum M&CW Center,Kalu Sarai
87	62S	SI Office Near Hauzkhas Parking E-Block Market, Hauz Khas
88	62S	Malaria Office Near Uday Park, Hauz Khas
89	62S	M & CW Centre Masjid Moth
90	62S	Office Of Executive Engineer (M-I&II) Gulmohar Park
91	62S	Office Of Executive Engineer (Elect) Police Colony Hauz Khas
92	62S	Community Hall Begumpur
93	62S	Community Centre Masjith Moth, Hauzkhas
94	71S	SI Office MB Road T-Point Nera DDA Anupam Apartment
95	71S	Malaria Office Western Marg Saidulajab
96	67S	S.I Office J-Block Saket
97	67S	ASI Store Katwaria Sarai
98	67S	J.E Works Store Lado Sarai
99	67S	Malariya Office Firni Road Lado Sarai
100	67S	Community Hall Lado Sarai
101	68S	J.E Works Store Near Dargah School Mehrauli
102	68S	ASI Office Near Gandak Ki Babri Mehrauli
103	68S	MC Primary School Main Bazar Mehrauli
104	69S	S.I Office Church Road Near D-3 Vasant Kunj
105	69S	J.E Works Store Near B-2 Vasant Kunj
106	69S	Malariya Office Near Masoodpur Mcd School Vasant Kunj
107	69S	JE Works Store Near Masoodpur Mcd School Vasant Kunj
108	70S	JE (Work) Store Near Gurutegh Bahadur Park, Chhatarpur
109	70S	Community Hall Chatarpur
110	72S	M &CW Center & Staff Quarters, Fatehpur Beri
111	74S	M&CW Center Block No.15 Dakshinपुरi Ext.
112	74S	M&CW Center Near SBI Bank Block No.4 Dakshinपुरi Ext.
113	74S	SI Office Near Virat Cinema, Dakshnipuri
114	74S	JE (Works) Office Near Virat Cinema, Dakshinपुरi
115	75S	SI Office Near Baba Ramdev Park, Tigri
116	75S	JE (Works) Store Near Guradwara M B Road Tigri
117	75S	Community Hall Tigri A-Block Tigri Colony
118	75S	JE (Works) Store Of Ward No.76S Near Guradwara M B Road Tigri
119	76S	M &CW Center ,Devli
120	79S	JE WORKS OFFICE SEC-4 PUSHUP VIHAR
121	79S	EE M-IV Office, South Zone, Sector-4, Pushp Vihar
122	80S	MCD Pry School Sec-3 Pushp Vihar
123	80S	JE WORKS D-lind NEAR PILLI BUILDING SCHOOL MADANGIR
124	81S	JE WORKS STORE NEAR BABA RAM DEV PARK, Tigri
125	79S	B BLOCK DAKSHINपुरI NEAR MAHILLA MANGAL, E-Block
126	80S	PUSHUP VIHAR SEC-4 Machi Market Nala Road.
127	81S	J.J Colony Khanpur (Barat Ghar)

128	81S	J J COLONY KHANPUR NEAR B -24
129	64S	SI Office A-Block Vasant Vihar
130	64S	JE(Work) Store Vasant Vihar
131	66S	M & CW Centre Munirika
132	66S	SI Office Sec-1 R K Puram
133	66S	JE(Works) Store Sec-1 R K Puram
134	66S	Community Hall Munirika
135	87S	Malaria Office DDA Flat Kalkaji Opposite Shivalik Apartment
136	87S	Dispensary DDA Flat Kalkaji
137	87S	SI Office Near Balwant Rai School Masjith Moth-III
138	87S	MC Primary School Janta Grah DDA Flat
139	87S	JE (Work) Store S-Block GK-2
140	88S	SI Office Seikh Sarai-1
141	88S	Malaria Office Panchsheel Park S-Block
142	88S	JE (Work) Store Near Chirag Delhi Nallah
143	88S	SI Office Chirag Delhi
144	88-S	MCD Staff Quarters, Soami Nagar (South)
145	05-S	SDMC Physiotherapy Centre, J Block, Rajouri Garden
146	10-S	Community Hall, Khazan Basti
147	10-S	Bhanwar Singh Community Hall, Harinagar
148	10-S	Community Hall, Nangal Raya
149	10-S	Auyvedic Dispensary, Nangal Raya
150	15-S	SDMC Senior Citizen Club And Library, Possangipur
151	05-S	MCD Dispensary, F Block Rajouri Garden
152	05-S	JE STORE TAGORE GARDEN
153	05-S	HORT. STORE TAGORE GARDEN
154	05-S	HORT. STORE BINDRA PARK
155	05-S	J-3 RAJOURI GARDEN HORT.
156	05-S	CSE OFFICE EA BLOCK TAGORE GARDEN
157	05-S	MALAIRIA OFFICE RAJOURI
158	09-S	6 BLK SUBHASH NAGAR
159	10-S	M&CW Center BE Block Hari Nagar
160	10-S	Aurvedic Dispensary Padam Basti
161	05-S	M C D PRIMARY SCHOOL RAJURI MAIN BINDRA PARK NEW DELHI 110027
162	05-S	M C D PRIMARY SCHOOL (JAWAHAR SINGH ADARSH NIGAM ADARSH VIDYALY) RAJOURI EXTN NEW DELHI 110027
163	15-S	MCD PRIMARY SCHOOL A-1-A, JANAKPURI NEW DELHI 110058
164	15-S	M C D PRIMARY SCHOOL A-1B BLOCK JANAKPURI NEW DELHI 110058
165	15-S	M C D PRIMARY SCHOOL WEST ZONE A4C JANAKPURI NEW DELHI 110058
166	15-S	M C D PRIMARY SCHOOL POSSANGI PUR NEW DELHI 110027
167	10-S	M C D PRIMARY SCHOOL PANKHA ROAD I.P.O NANGAL RAI VILLAGE NEAR HNO.1225 NEW DELHI 110018

168	10-S	SDMC PRIMARY SCHOOL . LAJWANTI GARDEN 12 NEW DELHI 110058
169	10-S	KHAJAN BASTI-II . JANAK PURI 12 NEW DELHI 110058
170	10-S	M C D PRIMARY SCHOOL DMS COLONY HARI NAGAR NEW DELHI 110064
171	05-S	Science Museum,M.C.Pry School AD Block
172	17-S	MC Pry School Mahaveer Enclave Part-II/III
173	18-S	MC Pry School, JJ Colony Pankha Road Uttam Nagar
174	18-S	MC Pry School, Uttam Nagar New No-1, K-Block Santosh Park, Uttam Nagar
175	18-S	MC Pry School, Jeewan Park, Uttam Nagar
176	29-S	MC Pry School, Bindapur Pocket- IV
177	29-S	MC Pry School, Bindapur Gaon
178	18-S	Anil Sabarwal Community Centre, Old Pankha Road
179	18-S	Maharaja Agarsen Polyclinic, Uttam Nagar
180	18-S	Dispensary, Mahindra Park
181	18-S	M & CW Centre, Pocket IV, Bindapur
182	18-S	M C PRIMARY SCHOOL JJ COLONY PANKHA ROAD NEW DELHI 110059
183	27-S	M C PRIMARY SCHOOL (GIRLS) VILLAGE NAWADA,NR METRO STATION NEW DELHI 110059
184	27-S	M C PRIMARY SCHOOL FOR BOYS VILLAGE NAWADA NEW DELHI 110059
185	01-S	E-BLOCK MADIPUR
186	01-S	MADIPUR VILLAGE
187	13-S	AJAY ENCLAVE
188	13-S	TILAK NAGAR NO-3
189	13-S	TILAK NAGAR NO-4
190	20-S	JJ HASTSAL NO-1
191	12-S	Ayurvedic Dispensary
192	12-S	MANOHAR NAGAR NEAR GURUDWARA
193	20-S	BUDHELLA VILLAGE
194	20-S	M&CW CENTRE JJ HASTSAL
195	20-S	NEW KRISHNA PARK . VIKAS PURI NEW DELHI 110018
196	13-S	M C PRIMARY SCHOOL PRITHVI PARK KESAVPUR NEW DELHI 110027
197	13-S	MCD PRIMARY SCHOOL NR PRAVTHI PARK,TILAK NAGAR NEW DELHI 110018
198	13-S	MCD PRIMARY SCHOOL GANESH NAGAR,TILAK NAGAR NEW DELHI 110027
199	02-S	M.C.D. PRIMARY SCHOOL, MADIPUR, NR. D BLOCK DISPENCERY NEW DELHI, PUNJABI BAGH-110063
200	01-S	M. C PRIMARY SCHOOL F-BLOCK MADIPUR NEW DELHI 110063
201	02-S	MCD SCHOOL SHIVAJI PARK PUNJABI BAGH NEW DELHI 110026
202		Paschim Puri Pocket 2
203	19-S	BLOCK B ,JJ Colony Bakkarwala
204	19-S	BLOCK G JJ Colony, Bakkarwala

205	24-S	Baprola Num-1 Jai Vihar 2
206	22-S	RAZAPUR KHURD 2
207	08-S	Cement Godown, Raghubir Nagar
208	08-S	Maternity Centre
209	08-S	Disaster Management Office,Ragubir Nagar
210	19-S	M.C.PRY BOYS SCHOOL BAKKARWALA VILLAGE BOYS BAKKARWALA 12 NEW DELHI 110043
211	19-S	M C PRIMARY SCHOOL B-BLOCK, J.J.COLONY BAKKAR WALA NEW DELHI 110041
212	22-S	NO.3 SCHOOL AT RAJAKHURD NO.3 NEAR SHANKER MANDIR MOHAN GARDEN NEW DELHI 110059
213	24-S	C/O SH SANJAY KUMAR . BAPROLA JAI VIHAR NEAR NAGLI VIHAR NEW DELHI 110043
214	03-S	MC Pry School Basaidarapur
215	03-S	SDMC Nursery School , Basaidarapur
216	04-S	MC Pry School B-2 Raghubir Nagar
217	25-S	MC Pry School Razapur Khurd No.4
218	03-S	Bali Nagar , Community Centre
219	03-S	Old MCD Building , Near Vishal Shiv Mandir
220	04-S	M-Block Community Centre
221	06-S	Chaukhandi Chowk Community Centre
222	06-S	A-Block Chaukhandi Community Centre
223	06-S	J-Block Comm. Centre , Vishnu Garden
224	11-S	MCD Pry School Gurunanakpura
225	11-S	MCD Pry School B 2 Janakpuri
226	11-S	B 3 Janakpuri
227	11-S	L Block Hari Nagar
228	11-S	Panchkarma Pysiotherapy Centre L Block Hari Nagar
229	03-S	Dispencery Tagore Garden
230	04-S	B-2 Raghubir Nagar
231	03-S	Raja Garden Ayurvedic
232	04-S	M C PRIMARY SCHOOL JJ COLONY NO-2 RAGHUBIR NAGAR,OPP B-BLOCK, NEAR GURUDWARA NEW DELHI 110027
233	11-S	M C D PRIMARY SCHOOL B-1,JANAKPURI NEW DELHI 110058
234	06-S	MCD PRIMARY SCHOOL MUKERJEE PARK NEW DELHI 110027
235	06-S	MCD PRIMARY SCHOOL NEW CHAUKHANDI, NEW DELHI 110027
236	06-S	MCD PRIMARY SCHOOL D-BLOCK,CHAND NAGAR NEW DELHI 110027
237	11-S	MCD PRIMARY SCHOOL NO-2 TIHAR VILLAGE NEW DELHI 110058
238	25-S	MCD WEST ZONE MC PRY.SCHOOL RAJAPUR KHURD NO 2 NR P BLK,MOHAN GARDEN,U NGR NEW DELHI 110059
239	25-S	M.C PRIMARY SCHOOL NO-2 RAJAPUR KHURD,MOHAN GARDEN NR BALAJI CHOWK,NEW DELHI-110059
240	29-S	MCD(P) SCHOOL BINDAPUR,SITE-IV NEW DELHI

241	14-S	M C D PRIMARY SCHOOL MAHAVIR ENCLAVE II/III NEW DELHI 110045
242	21-S	M.C.PRIMARY SCHOOL NEW J J HASTSAAL NO.II (PUCCA BLDNG NR. G.S.S.SCHOOL SHIV VIHAR NEW DELHI
243	21-S	M&CW T.C. Camp,Shiv Vihar
244	21-S	M&CW Janta Flat
245	16 S	C2 Janakpuri
246		Hastsal Pound
247		DMC Raghuvir Nagar
248	35S	JE Store Kakrola Housing Complex
249	35S	Dems Office Kakrola
250	35S	Park Near Sector 14 Metro Station
251	35S	Dog Sterilization Centre In Ward 47S
252	35S	Kakrola Mini Stadium
253	46S	JE Store Rajnagar Extn
254	47S	Disaster Management Office Sec.9 Dwarka
255	50S	House Tax Office Sector-9 Dwarka
256	50S	JE Store Rangapuri Pahari
257	51S	Dispensary Rajapuri Chowk Madhu Vihar
258	53S	MCP School Indira Park Sadh Nagar
259	53S	Ayurvedic Dispensary Palam Sadh Nagar
260	41S	Gopal Nagar School
261	41S	Jee Store Opposite Suraj Cinema
262	44S	No 1 School
263	43S	Jee Store Delhi Gate
264	43S	Jee Store Near Hanuman Mandir
265	43S	Camo Office Delhi Gate
266	43S	Jee Store Near Anaj Mandi
267	43S	Unani Dispensary Near Hanuman Mandir
268	43S	Aurvedic Dispensary Khaira
269	43S	No 2 School Najafgarh
270	43S	Community Hall Gaushala Road
271	45S	Issapur Dispensary
272	45S	Si Office/Je Store Samaspur
273	45S	Malikpur School
274	45S	Ujwa Girls Schoo
275	45S	Jaffarpur Girls
276	45S	Samaspur Girls School
277	45S	Jaffarpur Boys School
278	45S	Mitraou Girls School
279	45S	Mitraou Boys School
280	45S	Kair Girls
281	45S	Mundhela Kalan
282	45S	Mundhela Khurad
283	45S	Bakkargarh School

284	45S	Surakhpur School
285	45S	Issapur School
286	45S	Dhansa Girls
287	40S	Daripur Mcp School
288	40S	Ghumehera Mcp School
289	40S	Galibpur Map School
290	40S	Pandwa Kalan Mcp School
291	40S	Jhujhuli Mcp School
292	40S	Sarangpur Mcp School
293	38S	Sec 17 Community Hall Near Market
294	38S	Ambrahi Mcp School
295	38S	Pochanpur Mcp School
296	40S	Dourala Mcp School
297	37S	Dispensary Matiala
298	37S	Sahyog Vihar Matiala
299	37S	Sec-3 Phase-1 School Matiala
300	54S	Palam Boys School
301	30S	MC Primary School Dabri
302	33S	Community Hall, Manglapuri
303	48S	Chest Clinic, Bijwasan
304	49S	Kapashera School No.3
305	42S	Mcp School Girls Dichaon Kalan Village
306	45S	MCD Girls School Samastpur
307	45s	MCD Girls School Kair
308	40S	MCD School Dourala
309	45S	Issapur Dispensary
310		Community Hall Sector 17, Near DDA Market Dwarka

East Area Of MCD

S. No.	Ward No.	Name Of Building
Name Of Community Hall In Shahdra North		
1	28 E	Old Seema Puri
2	28 E	C-Block Dilshad Colony
3	35 E	Tahirpur (Ground Floor)
	35 E	Tahirpur (First Floor)
4	35 E	2142 Janta Flat,Nandnagri
5	34 E	New Seema Puri
6	34 E	A-Block Dilshad Colony
7	32 E	Nand Nagari
8	32 E	B-1 Nand Nagari
9	32 E	D-2 Nand Nagari
10	32 E	B-6 Nand Nagari
11	32 E	A-2 Block Kanchi Pura
12	32 E	A-4 Nand Nagari
13	32 E	A-2 Nand Nagari

14	37 E	Mansarowar Park
15	37 E	C-1 Nand Nagari
16	32 E	Nand Nagari Tanga Stand
17	36 E	DDA MIG Flat, East Loni Rd(G. Flr)
18	39 E	Naveen Shahdara Community Hall
19	42 E	C.Hall CPA (J) Block Seelam Pur
20	43 E	New Usman Pur (Jagjit)
21	43 E	D Block Gautam Puri
22	47 E	Braham Puri With Open Ground X-Blk
23	48 E	Ghonda Chowk
24	51 E	West Gorakh Park
25	51 E	Janta Majdoor Colony
26	50 E	M.C. Primary School, Balbir Nagar
27	53 E	Gokalpur Village(GF,FF&SF)
28	53 E	Community Hall Gokul Puri
29	55 E	Mandoli Vilege
30	64/E	Shri Ram Colony
Name Of Community Hall In Shahdra South		
31	1 E	Trilokpuri Block 13 (Ground Floor)
32	1 E	Mayur Vihar Phase I Pocket II
33	2 E	Trilokpuri (17 Block)
34	2 E	Trilokpuri (7 Block)
35	1 E	Trilokpuri (35 Block)
36	3 E	Chilla Village (G F And F F)
37	5 E	3 Block Khichri Pur
38	5 E	Vasundra Enclave
39	7 E	Kaundali (Ground Floor)
40	6 E	Mayur Vihar Phase III
41	6E	Mayur Vihar Ph. III, Pkt. 6, MIG Flat
42	09 E	Unchi Mandavali (For Both Floor)
43	10 E	Manadawali Mother Dairy
44	11 E	Khichri Pur Village
45	11 E	Mayur Vihar Ph.II, OCF Pkt.
46	11 E	6,7 Block Khichri Pur Colony
47	13 E	Ramesh Park (Ground Floor)
48	16 E	Mandawali Fazalpur(GF, FF & SF)
49	15 E	Community Hall At School Block,Shakarpur
50	16 E	Open Ground, E-Block, Ganesh Nagar, Pandav Nagar
51	18 E	Karkardoom Village
52	17 E	Vishwas Nagar
53	19 E	Joshi Colony (Ground & First Floors)
54	19 E	Balco Apartment, I.P. Extn.
55	19 E	Sidh Apartemnt
56	19 E	Gajipur, (For Both Floors)
57	20 E	East Guru Angad Nagar

58	21 E	Geeta Colony
59	21 E	10 Block Geeta Colony
60	24 E	12 Block Geeta Colony
61	23 E	Chander Nagar
62	23 E	Khurejee Near On Road Patparganj
63	22 E	Baldev Park
64	25 E	Community Hall At Shastri Park
65	25 E	Dharm Pura
66	27 E	West Azad Nagar
67	26 E	Shanti Mohalla Kanti Nagar GF And FF
68	27 E	Raj Garh GF And FF
69	31 E	Bholanath Nagar
70	29 E	Jhilmil Colony
71	29E	Dilshad Garden
72	2 E	1 Sports Complex, 8-9 Block Trilok Puri
Name Of Health Facilities		
73	3-E	M&CW. Center HIMMATPURI
74	3-E	M&CW. Center TRILOK PURI
75	6-E	M&CW. Center KONDLI
76	8-E	Mty. Home Khichripur
77	12-E	Dr. SPM Chest Hospital, Patparganj
78	12-E	Mty. Home Patparganj
79	12-E	Allopathic Dispensary Patparganj
80	13-E	M&CW. Center VISHWAKARMA PARK
81	14-E	M&CW. Center GRD NAGAR
82	16-E	M&CW. Center MANDAWALI
83	17-E	Kasturba Nagar Dispensary
84	19-E	Allopathic Dispensary H.Q./EDMC
85	21-E	M&CW. Center KRISHNA NAGAR
86	21-E	M&CW. Center KAILASH NAGAR
87	21-E	Mty. Home Geeta Colony
88	21-E	Jheel Khuranja Dispensary
89	23-E	M&CW. Center ANARKALI
90	23-E	APJ Abdul Kalam Dispensary Khureji Khas
91	24-E	M&CW. Center 13- BLOCK GEETA COLONY
92	27-E	Shri Madhav Swashtya Kendra West Azad Nagar
93	28-E	M&CW. Center SEEMAPURI
94	30-E	M&CW. Center VIVEK VIHAR
95	31-E	Polyclinic, Shahdara
96	31-E	Chest Clinic, Shahdara
97	31-E	M&CW. Center SARAI MOHALLA
98	31-E	Mty. Home CHANDIWALA
99	32-E	M&CW. Center NAND NAGARI B- 4
100	32-E	M&CW. Center NAND NAGARI E- 4
101	34-E	Leprosy Home Tahirpur

102	34-E	Mty. Home SEEMAPURI
103	35-E	Swami Dayanand Hospital (OPD Block)
104	35-E	Swami Dayanand Hospital (PCB Block)
105	35-E	Swami Dayanand Hospital (Rajmata Vijayaraje Scindia Nursing School)
106	35-E	Swami Dayanand Hospital (Generator Room)
107	39-E	M&CW. Center WELCOME
108	42-E	M&CW. Center NEW SEELAMPUR, PHASE-I
109	43-E	M&CW. Center GAUTAMPURI
110	45-E	Mty. Home YAMUNA VIHAR
111	45-E	ALLOPATHIC Dispensary Yamuma Vihar
112	46-E	MCW Center GHONDA MAUJPUR
113	47-E	ALLOPATHIC Dispensary BRAHAMPURI
114	49-E	M&CW Center KARDAMPURI
115	50-E	M&CW Center BABARPUR
116	51-E	Mty. Home WELCOME
117	55-E	HARSH VIHAR Dispensary
118	57-E	KARAWAL NGR Dispensary Polyclinic & M&CW Centre
119	57-E	KARAWAL NGR Dispensary (Merged With VSAS) - TB & Chest Hospital
120	60-E	M&CW. Center Sonia VIHAR
121	61-E	Veer Savarkar Arogya Sansthan
Name Of Schools		
122	E-28	OLD SEEMAPURI URDU
123	E-28	DILSHAD COLONY
124	E-28	OLD SEEMAPURI HINDI
125	E-32	NAND NAGRI B4
126	E-32	NAND NAGRI A4
127	E-32	NAND NAGRI A2
128	E-32	NAND NAGRI B2
129	E-32	NAND NAGRI D2
130	E-32	NAND NAGRI E
131	E-32	NAND NAGRI D4
132	E-33	SUNDER NAGRI LI
133	E-33	SUNDER NAGRI I
134	E-33	SUNDER NAGRI M
135	E-33	SUNDER NAGRI F2
136	E-33	SUNDER NAGRI F1
137	E-33	SUNDER NAGRI O
138	E-34	TAHIRPUR VILLAGE
139	E-34	DILSHAD COLONY A-(G)
140	E-34	NEW SEEMAPURI
141	E-34	TAHIRPUR NO.1-(G)
142	E-35	DILSHAD GARDEN C-(G)
143	E-35	KHERA GT ROAD-(G)
144	E-35	NAND VIHAR

145	E-35	DILSHAD GARDEN O
146	E-36	ASHOK NAGAR
147	E-37	D.D.A FLAT LONI ROAD-(G)
148	E-37	JAGATPURI-(G)
149	E-37	NATHU COLONY-(G)
150	E-37	NAND NAGRI C
151	E-37	MANSAROVAR PARK
152	E-38	MANSAROVAR PARK EAST-(G)
153	E-38	EAST ROHTASH NAGAR-(G)
154	E-38	BHAGWANPUR KHERA-(G)
155	E-38	CENTRAL ROHTASH NAGAR-(G)
156	E-38	RAM NAGAR EXT.(G)
157	E-38	GT ROAD SHAHDARA- (G)
158	E-39	RAM NAGAR LONI ROAD-(G)
159	E-39	PANCHSHEEL GARDEN-(G)
160	E-39	GYAN BHARTI MODEL SCHOOL
161	E-39	SEELAMPUR PHASEII URDU
162	E-39	SUBHASH PARK
163	E-39	SEELAMPUR PHASEII HINDI
164	E-40	NAVEEN SHAHDARA- (G)
165	E-40	JAFRABAD
166	E-40	MAUJPUR
167	E-41	VIJAY MOHALLA MAUJPUR(G)
168	E-41	CHOUHAN BANGAR HINDI
169	E-42	CHOUHAN BANGAR URDU
170	E-42	SEELAMPUR B
171	E-42	NAI BASTI SEELAMPUR
172	E-43	SEELAMPUR D
173	E-43	BRAHMPURI OLD
174	E-43	JAGJIVAN NAGAR KAITHWARA
175	E-43	AWASIYA PARISAR SEELAMPUR- (G)
176	E-43	BRAHMPURI T
177	E-44	SHASTRI PARK
178	E-44	GARHI MENDU(G)
179	E-44	BHAJANPURA D
180	E-44	BHAJANPURA B
181	E-45	GAMRI
182	E-45	YAMUNA VIHAR B
183	E-45	YAMUNA VIHAR C4
184	E-45	YAMUNA VIHAR C6
185	E-45	GHONDA NORTH HINDI
186	E-45	YAMUNA VIHAR B2-(G)
187	E-45	GHONDA NORTH URDU
188	E-46	YAMUNA VIHAR C1
189	E-46	GHONDA

190	E-46	GAUTAM VIHAR
191	E-47	ARVIND NAGAR
192	E-47	BRAHMPURI X
193	E-48	USMANPUR
194	E-49	MOHANPURI
195	E-49	KARDAMPURI
196	E-50	JYOTI COLONY
197	E-50	BALBIR NAGAR EXTN.- (G)
198	E-50	CHHAJJUPUR
199	E-51	BALBIR NAGAR-(G)
200	E-51	J.M.C. NO.1
201	E-51	BABARPUR
202	E-52	J.M.C. EXTN
203	E-52	JOHRIPUR
204	E-53	BHAGIRATHI VIHAR
205	E-53	GOKALPURI
206	E-53	EAST GAKALPUR
207	E-54	GOKALPURI NEW
208	E-54	MEET NAGAR
209	E-54	EAST GOKALPUR E BLOCK-(G)
210	E-55	MANDOLI EXT.
211	E-55	HARSH VIHAR
212	E-55	MANDOLI BALIKA
213	E-56	MANDOLI BAL
214	E-57	SHIV VIHAR
215	E-58	SADATPUR
216	E-60	MUSTUFABAD
217	E-60	SABHAPUR VILLAGE
218	E-61	SONIA VIHAR
219	E-61	KARAWAL NAGAR
220	E-61	ANKUR ENCLAVE
221	E-62	SABHAPUR GUJRAN
222	E-62	DAYALPUR
223	E-63	BIHARIPUR
224	E-63	CHANDERPURI
225	E-64	KHAJOORI KHAS
226	E-64	SRI RAM COLONY
227	E-64	RAJEEV NAGAR
228	E-01	TRILOKPURI, BLOCK- 27 URDU(CO-ED)
229	E-01	MAYUR VIHAR PKT-1, PHASE-1
230	E-01	TRILOKPURI, BLOCK- 22(CO-ED)
231	E-01	KOTLA VILLAGE(CO- ED)
232	E-01	TRILOKPURI, BLOCK- 27(CO-ED)
233	E-02	TRILOKPURI, BLOCK- 6
234	E-02	TRILOKPURI, BLOCK- 3

235	E-02	TRILOKPURI, BLOCK- 7
236	E-02	TRILOKPURI, BLOCK- 16(CO-ED)
237	E-03	TRILOKPURI, BLOCK- 31(CO-ED)
238	E-03	CHILLA SARODA
239	E-03	TRILOKPURI, BLOCK- 28
240	E-03	TRILOKPURI, BLOCK- 32
241	E-04	NEW ASHOK NAGAR
242	E-05	DDA FLAT GAZIPUR(CO-ED)
243	E-05	DDA FLAT GAZIPUR(CO-ED)
244	E-05	VASHUNDHRA ENCLAVE
245	E-05	DALLU PURA
246	E-05	DALLU PURA
247	E-05	KALYAN PURI BLOCK-3
248	E-06	MAYUR VIHARPH- III,PKT-B5-(CO-ED)
249	E-06	HB GHAROLI
250	E-06	MAYUR VIHAR PH- III,PKT-A-1
251	E-06	GHAROLI VILLAGE
252	E-06	MAYUR VIHARPH- III,PKT-A3
253	E-06	MAYUR VIHARPH- III,PKTA2
254	E-07	KONDLI VILLAGE
255	E-07	NEW KONDLI A- BLOCK(CO-ED)
256	E-07	NEW KONDLI B- BLOCK(CO-ED)
257	E-08	KALYANPURI BLOCK- 16(CO-ED)
258	E-08	KALYANPURI BLOCK- 12
259	E-08	KALYANPURI BLOCK- 19-(CO-ED)
260	E-09	CHANDER VIHAR(NURSERY)(CO- ED)
261	E-09	RAILWAY COLONY MANDAWALI(CO-ED)
262	E-09	MANDAWALI NO-2
263	E-09	CHANDER VIHAR
264	E-09	MANDAWALI NO-1
265	E-10	MANDAWALI EXT
266	E-10	WEST VINOD NAGAR
267	E-11	MAYUR VIHAR PHASE-II, F- BLOCK(CO-ED)
268	E-11	KALYANWAS NO.2(CO-ED)
269	E-11	KHICHRI PUR
270	E-11	KALYAN PURI BLOCK-7(CO-ED)
271	E-11	MAYUR VIHAR, PHASE-II, C- BLOCK(CO-ED)
272	E-11	EAST VINOD NAGAR(CO-ED)
273	E-11	KALYANWAS NO.1(CO-ED)
274	E-12	ACHARYA NIKETAN- (CO-ED)
275	E-12	SHASHI GARDEN-(CO- ED)
276	E-12	PATPAR GANJ
277	E-12	MAYUR VIHAR, PKT-4, PHASE-1(CO-ED)
278	E-13	LALITA PARK(CO-ED)
279	E-13	RAMESH PARK(URDU)(CO-ED)

280	E-13	LAXMI NAGAR J&K BLOCK(CO-ED)
281	E-13	VISHAV KARMA PARK(CO-ED)
282	E-14	NAVARUN VIDYAPEETH LAXMI NAGAR
283	E-14	LAXMI NAGAR MANGAL BAZAR(CO- ED)
284	E-14	KRISHAN KUNJ(CO- ED)
285	E-14	GURU RAM DAS NAGAR(CO-ED)
286	E-14	GURU ANGAD NAGAR(CO-ED)
287	E-15	SHAKARPUR NEW(CO-ED)
288	E-15	SHAKARPUR VILLAGE
289	E-15	SHAKARPUR(CO-ED)
290	E-15	GANESH NAGAR
291	E-16	SAMASPUR JAGIR(CO- ED)
292	E-16	PANDAV NAGAR S BLOCK-(CO-ED)
293	E-16	PANDAV NAGAR B BLOCK(CO-ED)
294	E-17	KASTURBA NAGAR(CO-ED)
295	E-17	KARAN GALI(CO-ED)
296	E-17	SANJAY AMAR COLONY(CO-ED)
297	E-17	WEST VISHWAS NAGAR(CO-ED)
298	E-17	BHEEKAM SINGH COLONY
299	E-18	KARKARDOOMA
300	E-18	ANAND VIHAR
301	E-19	HASANPUR(CO-ED)
302	E-19	JOSHI COLONY
303	E-19	GAZIPUR VILLAGE
304	E-20	EAST LAXMI MARKET(CO-ED)
305	E-21	KRISHNA NAGAR C BLOCK(NURSERY)- (CO-ED)
306	E-21	GEETA COLONY BLOCK-2(CO-ED)
307	E-21	KRISHNA NAGAR NORTH-A BLOCK(CO- ED)
308	E-21	KRISHNA NAGAR BLOCK-F(CO-ED)
309	E-21	SOUTH GANDHI NAGAR(CO-ED)
310	E-21	S.D. PRIMARY SCHOOL - KRISHNA NAGAR , DELHI
311	E-21	GEETA COLONY BLOCK-9(CO-ED)
312	E-21	MAHILA COLONY(CO- ED)
313	E-21	GEETA COLONY BLOCK-5(CO-ED)
314	E-21	KRISHNA NAGAR D/S(NURSERY)(CO-ED)
315	E-21	KRISHNA NAGAR D/S
316	E-21	RADHEY PURI(CO-ED)
317	E-22	JAGATPURI G BLOCK
318	E-22	CHANDU PARK
319	E-22	RAM NAGAR/K NAGAR(CO-ED)
320	E-22	BALDEV PARK
321	E-23	KHUREJI(CO-ED)
322	E-23	SHIV PURI(CO-ED)
323	E-23	SOUTH ANARKALI(CO-ED)
324	E-23	BRIJPURI(CO-ED)

325	E-24	SHASTRI NAGAR
326	E-24	GEETA COLONY BLOCK-13
327	E-25	ARYA PUTRI PATHSHALA - GANDHI NAGAR
328	E-25	SOUTH GANDHI NAGAR TENTED(CO- ED)
329	E-25	SARASWATI BHANDAR(CO-ED)
330	E-25	KAILASH NAGAR GALI-18(CO-ED)
331	E-25	KAILASH NAGAR GALI-12(CO-ED)
332	E-25	JAIN KANYA PATHSHALA - KAILASH NAGAR
333	E-25	BULAND MASJID(CO- ED)
334	E-25	SHASTRI PARK EXT(CO-ED)
335	E-25	OLD GANDHI NAGAR(CO-ED)
336	E-26	WEST AZAD NAGAR
337	E-26	KOUSHIK PURI(CO- ED)
338	E-26	NEHRU ADARSH PRIMARY SCHOOL - OLD SEELAMPUR
339	E-26	EAST AZAD NAGAR(CO-ED)
340	E-26	KANTI NAGAR(CO- ED)
341	E-26	EAST OLD SEELAMPUR
342	E-27	RAJGARH COLONY(CO-ED)
343	E-27	SUBHASH MOHALLA
344	E-27	CHAND MOHALLA GANDHI NAGAR(CO- ED)
345	E-27	RAGHUBAR PURA(CO- ED)
346	E-27	MARGINAL BANDH(NEW)
347	E-27	AJIT NAGAR(CO-ED)
348	E-27	S.D. PRIMARY SCHOOL - SUBHASH MOHALLA, GANDHI NAGAR, DELHI
349	E-27	MARJINAL BANDH(OLD)
350	E-29	VISHAV KARMA NAGAR(CO-ED)
351	E-29	JHILMIL COLONY(CO- ED)
352	E-29	DILSHAD GARDEN A- BLOCK(CO-ED)
353	E-29	DILSHAD GARDEN D- BLOCK
354	E-29	VIVEK VIHAR
355	E-30	BAPTIST MISSION PRY. SCHOOL - SHAHADRA, DELHI
356	E-30	VIVEK VIHAR PHASE- II(CO-ED)
357	E-30	JWALA NAGAR(CO- ED)
358	E-30	JHILMIL CIRCULAR ROAD(CO-ED)
359	E-31	GURU NANAK PRY. SCHOOL - TELIWARA, SHAHDARA, DELHI
360	E-31	S.D. DEVNAGARI PATHSHALA - SHAHADARA, DELHI
361	E-31	BHOLA NATH NAGAR
362	E-31	PANDAV ROAD(CO- ED)
363	E-31	SOUTH BHOLA NATH NAGAR