



Request for Selection (RfS) Document
For
Selection of Hybrid Power Developers for Setting up
of
1200 MW ISTS-connected Wind-Solar Hybrid Power
Projects with assured Peak Power supply in India
under Tariff-Based Competitive Bidding
(Tranche-VI)

RfS No. SECI/C&P/IPP/13/0007/22-23 dated 02.11.2022

Tender Search Code on ISN-ETS: SECI-2022-TN000024

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

1. 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).
2. Solar Energy Corporation of India Ltd (SECI) reserves the right to modify, amend or supplement this document.
3. This RfS document has been prepared in good faith, and on best endeavor 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.
4. 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: 02.11.2022

BID INFORMATION SHEET

The brief details of the RfS are as under:

(A)	NAME OF WORK/ BRIEF SCOPE OF WORK/ JOB	<p>1. Selection of Project Developers for setting up of 1200 MW ISTS-Connected Wind-Solar Hybrid Projects with assured Peak Power Supply in India under Tariff-based Competitive Bidding (Tranche-VI).</p> <p>2. Connectivity and Long-Term Open Access shall be in the scope of the Hybrid Power Developer.</p>				
(B)	RfS NO. & DATE	SECI/C&P/IPP/13/0007/22-23 dated 02.11.2022				
(C)	TYPE OF BIDDING SYSTEM	<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">SINGLE BID SYSTEM</td> <td style="text-align: center;"><input type="text"/></td> </tr> <tr> <td style="text-align: center;">TWO BID SYSTEM</td> <td style="text-align: center;">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" style="width: 100%;"> <tr> <td style="text-align: center;">E-TENDER</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td style="text-align: center;">MANUAL</td> <td style="text-align: center;"><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)	DOCUMENT FEE/ COST OF RfS DOCUMENT (NON- REFUNDABLE)	<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">E-TENDER</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td style="text-align: center;">MANUAL</td> <td style="text-align: center;"><input type="text"/></td> </tr> </table> <p>Amount: INR 29,500/- (Indian Rupees Twenty-Nine Thousand Five Hundred Only) including GST to be submitted through NEFT/ RTGS transfer in the account of SECI along with the response to RfS</p>	E-TENDER	Yes	MANUAL	<input type="text"/>
E-TENDER	Yes					
MANUAL	<input type="text"/>					

(G)	BID PROCESSING FEE	<table border="1" data-bbox="663 219 1246 409"> <tr> <td data-bbox="663 219 970 331">APPLICABLE</td> <td data-bbox="970 219 1246 331">Yes</td> </tr> <tr> <td data-bbox="663 331 970 409">NOT APPLICABLE</td> <td data-bbox="970 331 1246 409"></td> </tr> </table> <p data-bbox="639 443 1415 672">Rs. 5 Lakh +18% GST for each project from 50 MW up to 99 MW Rs. 15 Lakh + 18% GST for each Project from 100 MW and above, to be submitted through NEFT/RTGS transfer in the account of SECI, along with the response to RfS.</p>	APPLICABLE	Yes	NOT APPLICABLE	
APPLICABLE	Yes					
NOT APPLICABLE						
(H)	EARNEST MONEY DEPOSIT (EMD)	<table border="1" data-bbox="663 701 1246 891"> <tr> <td data-bbox="663 701 970 813">APPLICABLE</td> <td data-bbox="970 701 1246 813">Yes</td> </tr> <tr> <td data-bbox="663 813 970 891">NOT APPLICABLE</td> <td data-bbox="970 813 1246 891"></td> </tr> </table> <p data-bbox="639 936 1415 1093">Amount: INR 12,26,000/- (Indian Rupees Twelve Lakhs and Twenty-Six thousand only) per MW per Project to be submitted in the form of Bank Guarantee/ Payment on Order Instrument along with the response to RfS</p>	APPLICABLE	Yes	NOT APPLICABLE	
APPLICABLE	Yes					
NOT APPLICABLE						
(I)	PERFORMANCE BANK GUARANTEE	<table border="1" data-bbox="639 1133 1315 1301"> <tr> <td data-bbox="639 1133 995 1223">APPLICABLE</td> <td data-bbox="995 1133 1315 1223">Yes</td> </tr> <tr> <td data-bbox="639 1223 995 1301">NOT APPLICABLE</td> <td data-bbox="995 1223 1315 1301"></td> </tr> </table>	APPLICABLE	Yes	NOT APPLICABLE	
APPLICABLE	Yes					
NOT APPLICABLE						
(J)	DATE, TIME & VENUE OF PRE-BID MEETING	Scheduled as per NIT on ISN-ETS portal and/or SECI website.				
(K)	OFFLINE & ONLINE BID-SUBMISSION DEADLINE	As per NIT on ISN-ETS portal				
(L)	TECHNO-COMMERCIAL BID OPENING	As per NIT on ISN-ETS portal				
(M)	e-REVERSE AUCTION (e-RA)	Will be informed to eligible bidders. Date and time of e-RA shall be intimated through email.				
(N)	CONTACT DETAILS OF ISN-ETS Portal	M/s Electronic Tender.com (India) Pvt. Ltd. Gurugram 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
(O)	NAME, DESIGNATION, ADDRESS AND OTHER DETAILS (FOR SUBMISSION OF RESPONSE TO RfS)	Sh. Ajay Kumar Sinha Additional General Manager (Contracts & Procurement) Solar Energy Corporation of India Limited 6 th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi - 110 023 Email : contracts@seci.co.in
(P)	DETAILS OF PERSONS TO BE CONTACTED IN CASE OF ANY ASSISTANCE REQUIRED	1) Sh. Pratik Prasun Sr. Manager (C&P) Contact No.: 011-24666237 pratikpr@seci.co.in 2) Sh. Biblesh Meena Manager (C&P) Contact No.: 011-24666270 biblesh@seci.co.in 3) Sh. Jayansh Gaur Senior Engineer (C&P) Contact No.: 011-24666281 jayansh.gaur@seci.co.in

- i. 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.
- ii. Bidders are required to quote strictly as per terms and conditions of the RfS documents and not to stipulate any deviations/ exceptions.
- iii. 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.
- iv. 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 will be available only 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 With the objective to provide a framework for promotion of large grid connected wind-solar PV hybrid system for optimal and efficient utilization of transmission infrastructure and land, reducing the variability in renewable power generation and achieving better grid stability, MNRE had issued the Wind-Solar Hybrid Policy on 14.05.2018 (along with its amendment on 11.10.2018).
- 1.3 SECI was designated as the nodal agency for implementation of MNRE scheme for setting up of 2500 MW ISTS connected Wind-Solar Hybrid Power Projects vide F. No. 238/78/2017-Wind dated 25.05.2018. SECI has successfully awarded the LoAs to successful bidders for setting up of 840 MW and 600 MW Wind-Solar Hybrid Power Projects respectively under Tranche-I and Tranche-II both RfS for selection of 1200 MW ISTS-Connected Wind Solar hybrid power projects.
- 1.4 Subsequently, MNRE has issued “Guidelines for Tariff Based Competitive Bidding Process for procurement of power from Grid Connected Wind Solar Hybrid Projects” vide F. No. 238/78/2017-Wind dated 14.10.2020, including subsequent amendments and clarifications thereto. Under these Guidelines, SECI has awarded a cumulative capacity of 4920 MW till date.
- 1.5 This RfS document has been prepared in line with the above Guidelines issued by MNRE, including subsequent amendments and clarifications.
- 1.6 With various global developments in technology and manufacturing, Renewable Energy (RE) has become the most affordable and cheapest source for meeting the energy requirements. Initial capacities have been successfully integrated to the grids so far, but with increasing penetration of RE in the energy mix, further capacity addition is expected to face issues due to variable nature and supply-demand mismatch. The above aspects rightly point out to the next course of direction of DISCOMS’ energy planning methodology-integrating Energy Storage Systems (ESS) with existing and upcoming RE capacity in order to optimize generation mix while also better utilizing the transmission infrastructure in the country.
- 1.7 The above scenario thus, indicates RE power to be flexible and firm in nature to become prime resource to bridge this demand-supply gap. The short-term target is therefore, to achieve a paradigm shift in the energy mix in the country, and push for RE with storage technologies becoming one of the key resources to meet peak demand during morning and evening hours. It will result in making available firm, dispatchable RE power,

meeting the demand pattern of Discoms during peak hours, and that too, at competitive tariff.

- 1.8 In accordance with the above, SECI hereby invites proposals for setting up of ISTS-connected Wind-Solar Hybrid power projects with assured Peak Power Supply in India, on Build Own Operate (B-O-O) basis, for an aggregate capacity of 1200 MW. SECI shall enter into a Power Purchase Agreement (PPA) with the successful Bidders selected based on this RfS for purchase of hybrid power for a period of 25 years based on the terms, conditions and provisions of the RfS and PPA. The standard PPA document is available for download from the ISN-ETS portal <https://www.bharat-electronictender.com>.
- 1.9 The RfS provides for a transparent methodology for interstate sale of power at a price determined through competitive bidding and e-reverse auction process. Power from the Projects under this RfS may also be utilized by the Buying Entities and bulk consumers towards meeting their targets under wind and other RPO and Storage Purchase Obligation under respective RPO regulations will be eligible to buy such power under this RfS. SECI shall sign PPAs with the HPDs at the respective tariffs discovered after e-reverse auction and back-to-back Power Sale Agreements (PSAs) with the Buying Entities at the PSA tariff for the total capacity allotted.
- 1.10 The Bidders will be free to avail fiscal incentives such as 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.
- 1.11 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 this RfS. The respective rights of SECI and the Bidder/HPD shall be governed by the RfS Documents/Agreement signed between SECI and the HPD for the package.

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 RfS 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.

- 2.2 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.
- 2.3 Bidder shall submit bid proposal along with non-refundable RfS Document Fee, Bid Processing Fees and Earnest Money Deposit (EMD) complete in all respect as per the Bid Information Sheet. Bid proposals received without the prescribed Document Fees, Bid Processing Fees and EMD 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.**
- 2.4 RfS documents can be downloaded from the ISN-ETS Portal or from SECI's website. It is mandatory to download official copy of the RfS Documents from Electronic Tender System (ISN-ETS) Portal to participate in the RfS. 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 Already commissioned projects cannot be considered under this RfS. Projects under construction or projects which are not yet commissioned will, however, be considered, in case these projects are not already accepted under any other Central or State Schemes. Enhancement of or adding extra capacity to already commissioned Projects, irrespective of their capacities, will not be considered as eligible Project under this tender.
- 2.6 SECI shall conduct e-Reverse Auction (e-RA), if required or as per provisions of RfS documents.
- 2.7 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.

2.8 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 Hybrid Power Developer (HPD) shall be required to set up ISTS-connected Wind-Solar Hybrid Power Projects along with Energy Storage System (ESS), with the primary objective of supplying Wind-Solar Hybrid Power to SECI, as per the provisions of the RfS and PPA.
- 3.2 Identification of land, installation and ownership of the Project, along with obtaining connectivity necessary approvals and interconnection with the ISTS network for supply of power to SECI, will be under the scope of the HPD.
- 3.3 The Projects to be selected under this RfS provide for deployment of Wind-Solar Hybrid Power Technology with assured Peak Power Supply. However, the selection of Projects would be technology agnostic.
- 3.4 Mandatory ESS of at least 100 MWh capacity for each 100 MW Project capacity shall be deployed as part of the Project

4 Total capacity offered

- 4.1 Selection of Wind-Solar Hybrid Power Projects for a total capacity of 1200 MW will be carried out through e-bidding followed by e-Reverse Auction process.

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 shall submit a single bid offering a minimum quantum of Contracted Capacity of **50 MW** and a maximum quantum of **1200 MW**, in the prescribed formats.

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 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 **1200 MW**.
- 5.3 For each Project, the minimum Project capacity shall be 50 MW. The total capacity of wind-solar hybrid power projects to be allocated to a bidder including its Parent, Affiliate or Ultimate Parent or any Group Company shall be limited to 1200 MW. **The Project capacity(ies) quoted by the Bidder shall be in integral values.**
- 5.4 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.

5.5 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 Project location(s) shall be chosen by the Bidder/HPD at its discretion and its own risk and cost. The ESS component shall be mandatorily co-located either with Solar PV or with Wind Power generating components, under a single Project. Project location(s) should be chosen taking cognizance of the provision as per Clause 7 of the RfS.

6.2 In case the HPD wishes to set up more than one Project, then the Projects would need to be physically identifiable with separate injection point, control systems and metering arrangement.

6.3 Project Configuration:

a. The term “Project” shall have the meaning as defined in Section-6 of the RfS, and shall refer to the Project capacity as quoted by the bidder (at the time of bidding)/awarded to the Bidder (after issue of LoA).

b. The Hybrid Power Projects are required to be designed for inter-connection with transmission network of the ISTS at voltage level of 220 kV or above. Following points are to be noted in this regard:

i. The minimum Project size of a single Hybrid Power Project shall be 50 MW to be interconnected at the Delivery Point.

ii. Under this RfS, a Hybrid Power Project shall mean a Project comprising two ‘components’ - Solar and Wind along with mandatory ESS (Energy Storage System) component. The rated capacities of both the solar and wind components shall be minimum 33% of the total Contracted Capacity, in order to qualify the Project as a Hybrid Project under the Guidelines. It is further clarified that the criteria of a solar/wind component meeting minimum 33% of the Contracted Capacity of the Project will be examined based on the rated AC capacity declared by the Bidder for the corresponding component of the Project.

For example, in case the Contracted Capacity of a Project is 100 MW, the rated capacities of both Wind and Solar components shall be minimum 33 MW each.

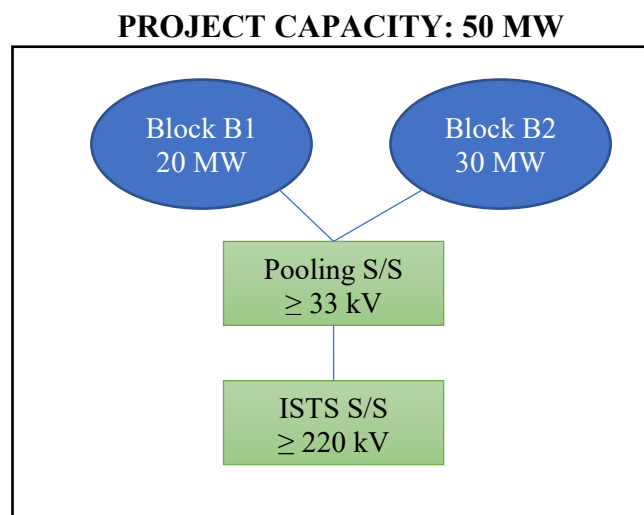
Additionally, the HPD shall also install ESS capacity @ minimum 100 MWh for each 100 MW capacity being contracted under the PPA.

Note: In the interest of utilizing the optimization potential offered by hybridization of all the components inclusive of mandatory ESS component, the HPD is free to declare the rated Project capacity of the Hybrid Power Project irrespective of the rated capacities of the Solar and Wind project components, and the same shall be considered as the Project capacity of the Hybrid Power Project. The same Project capacity shall be entered in the Covering Letter and shall be considered as the Contracted Capacity under the PPA.

For avoidance of any doubt, it is hereby reiterated that the Project capacity of the Hybrid Project does not necessarily have to be the arithmetic sum of the rated installed capacity of the two components. However, the requirements as indicated above, regarding the minimum installed rated capacity of each of the components shall be strictly adhered to, failing which, the Project shall not be eligible for commissioning under the RfS.

- iii. The solar Project component may also be sub-divided into a number of ‘blocks’, being set up at multiple locations, if required. However, such blocks for a single solar Project component shall be located within the same State. The minimum voltage level for a single block shall be 33 kV. These individual blocks shall be pooled at a minimum voltage level of 33 kV, at a ‘pooling station’. It may be noted that the said pooling station will have a different meaning than the Pooling Substation as defined in the RfS. A single transmission line shall connect the above pooling substation to the ‘sub-pooling’ substation as defined in Clause 7.

One of the possible configurations of a solar Project component having separate locations for each block, is illustrated below, for elaboration:



- iv. The HPDs shall demonstrate the rated capacities of each component separately at the input side of the Sub-Pooling Substation, in line with the Commissioning procedure as notified by SECI.

7 Connectivity with the Grid

- 7.1 The project should be designed for interconnection with the ISTS in accordance with prevailing CERC regulations in this regard. For interconnection with the grid and metering, the HPD 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). Minimum voltage level for interconnection at the ISTS shall be 220 kV.

7.2 **Designated Delivery Points:** It may be noted that although selection of location of the Projects is under the scope of the Bidder/HPD, in order to align Project installation with installation/augmentation of the necessary transmission and evacuation infrastructure, choice of the Delivery Point for the Projects shall be limited to the following list of substations belonging to the ISTS network:

1. 400/230 kV S/S in Ananthapur, Andhra Pradesh
2. 765/400/220 kV S/S in Kurnool, Andhra Pradesh
3. 440/220 kV S/S in Bidar, Karnataka
4. 400/220 kV S/S in Osmanabad, Maharashtra
5. 400/220 kV S/S in Rajgarh, Madhya Pradesh
6. 765/400/220 kV S/S in Neemuch, Madhya Pradesh
7. 400/230 kV S/S in Karur, Tamil Nadu

***Important Notes:**

- (i) Bids containing substations other than those from the above list will be rejected.
- (ii) SECI bears no responsibility regarding status update of availability of quantum of connectivity at these substations. Bidders are required to ascertain the availability at the substations on their own.
- (iii) For any clarifications on the above, bidders may contact the CTU in this regard. Regarding availability of connectivity at these substations, data as made available by CTU shall be final and binding.
- (iv) Bidders must make note of the information pertaining to bay availability at a particular substation.
- (v) Subsequent to e-RA, in the event the Bidder is selected as a Successful Bidder, and the capacity awarded after e-RA is higher than the capacity available for grant of Stage-II connectivity at the bidder's proposed substation, the bidder may change the proposed delivery point to any of the other substations in line with the provisions as indicated above.
- (vi) In case the total number of Projects awarded at a substation does not match with the available bay structure, or the awarded Project capacity at one bay results in underutilization of that bay, the corresponding HPDs shall be required to pool their projects in line with the directions of the CTU for optimum resource utilization and in accordance with the Detailed Procedure. Such additional costs, if any, shall be borne by the respective HPDs.
- (vii) The HPDs are free to change the State where the awarded Project is located, subject to the fact that the Delivery Point shall be chosen in line with the above provisions. Any delays in obtaining connectivity and subsequently, compliance with financial closure/commissioning of the Project on account of the above, shall be borne by the HPD.

(viii) It is highlighted that SECI has neither obtained the connectivity for the above designated substations, nor does it bear any responsibility to obtain them on behalf of the successful bidders. The responsibility of obtaining connectivity at the designated substations shall be borne by the HPD, at its own risk and cost.

7.3 Bidders will be required to indicate their proposed substation(s) at the time of bid submission in the Covering Letter (Format 7.1).

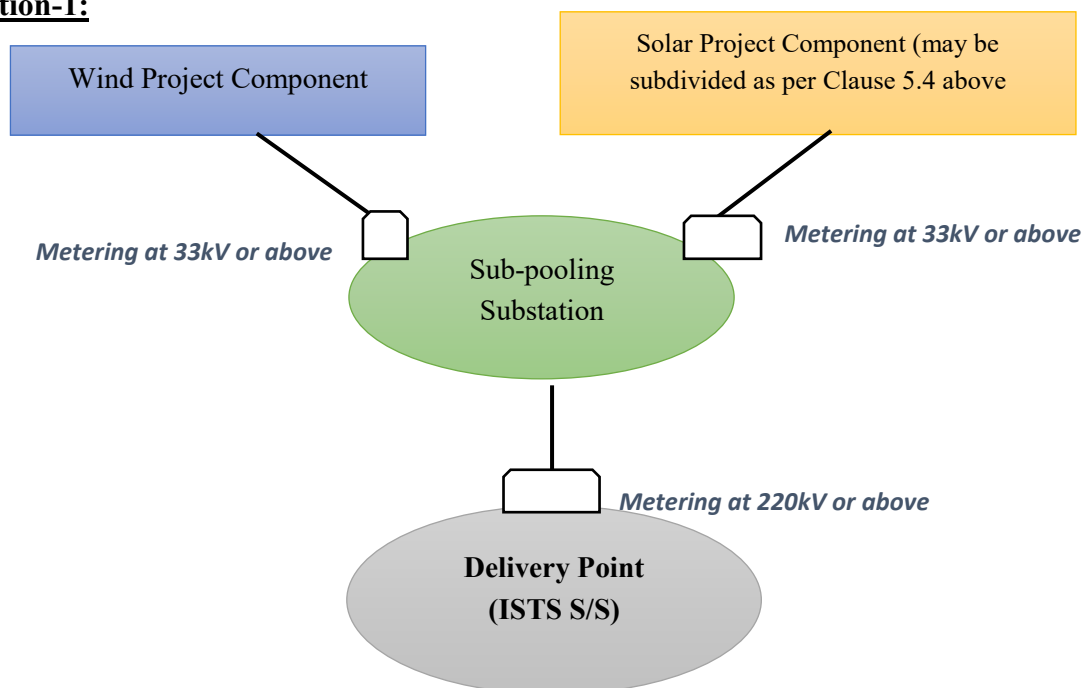
In case the HPD chooses to change its Delivery Point at any time after issuance of LoA, the new Delivery Point shall also be chosen from the list of designated Delivery Points as per Clause 7.2.

7.4 The responsibility of getting the ISTS connectivity shall entirely be with the HPD and shall be at the risk and cost of the HPD. 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 HPD at its own cost. In case an HPD is required to use InSTS to bring power at ISTS point(s), it may do so as per rules and regulations prescribed by the respective SERC in this regard. The maintenance of Transmission system up to and including at the Interconnection Point shall be responsibility of the HPD, to be undertaken entirely at its risk and cost.

7.5 **Some of the suggested configurations of the Project for interconnection with the Grid, subject to the prevailing provisions in the respective States, are provide as follows:**

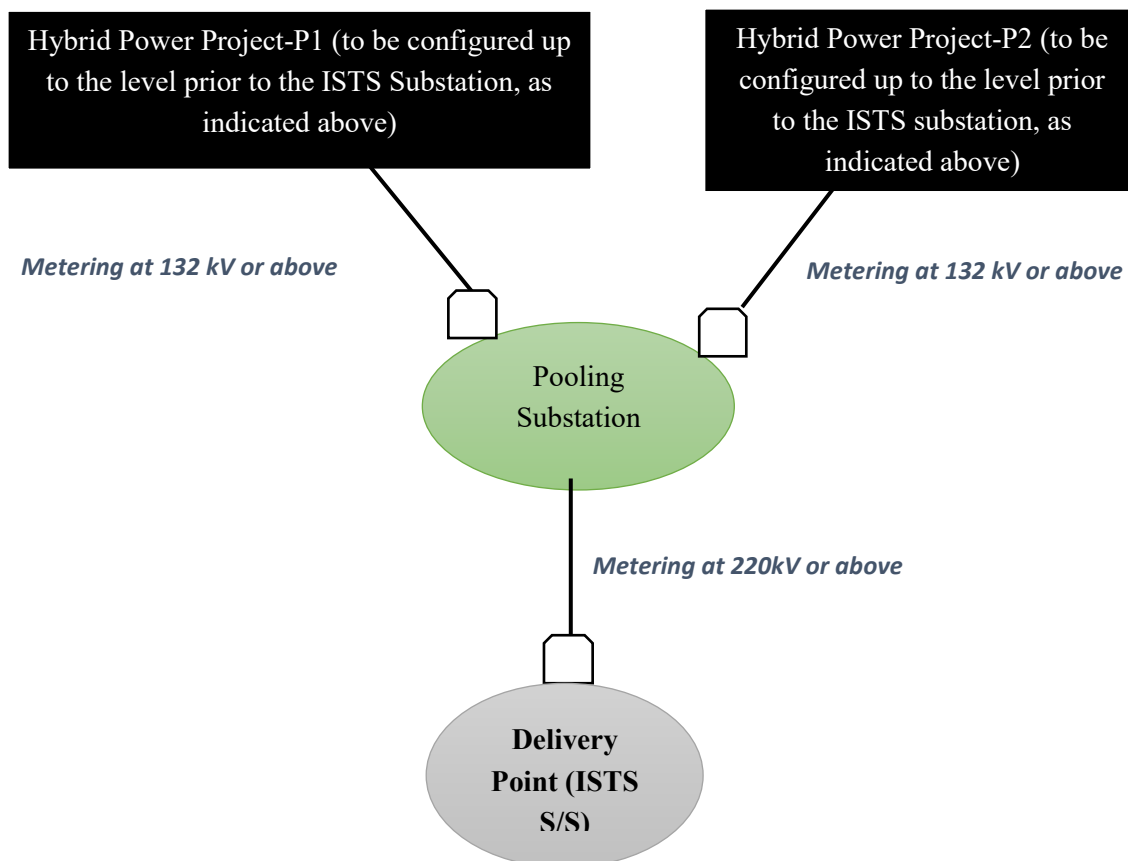
Note: Options 1 and 2 provided below are applicable only for Projects where the individual project components (Solar PV modules and wind turbines) are co-located.

Option-1:



The above configuration shall constitute a single Hybrid Power Project.

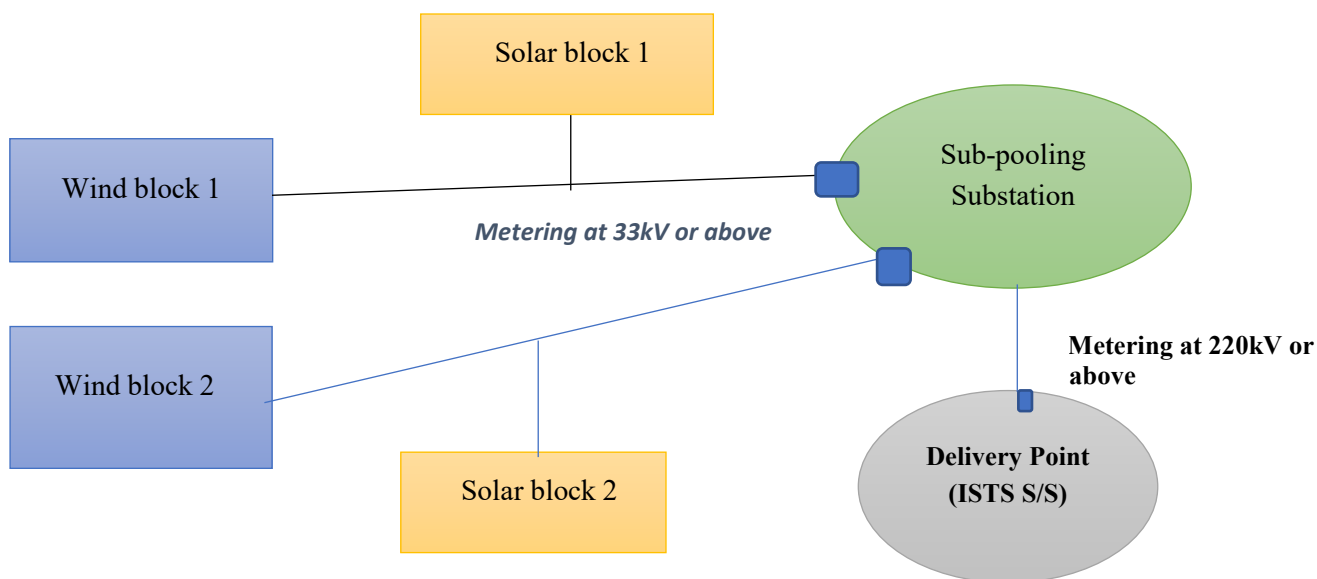
It is reiterated that the ‘sub-pooling station’ as indicated in Option-1 above, is different than the Pooling Substation as defined in Section-6 of the RfS. The Pooling Station as defined in the RfS shall construe the following configuration:



The ESS component must be included as part of the Solar or Wind Generation components, prior to the Metering Point. It is to be noted that, notwithstanding the Project configuration, waiver of ISTS-charges and losses shall be applicable for the power being injected into the grid only up to the Contracted Capacity.

For project components injecting power at multiple points in the grid, at any given instance of power injection in the grid, the waiver of ISTS charges and losses shall be limited upto the Contracted Capacity as per the PPA, after adding up the power being injected at individual points under a single Project.

Option-2: It may be noted that sub-pooling of wind and solar power from the respective components may also be achieved on ‘cluster-basis’, prior to the Delivery Point, i.e., there can be more than one Sub-pooling Substations, pooling multiple smaller groups of solar and wind components, where hybridization of power takes place. However, any such hybridization of power shall mandatorily be achieved prior to injection of power into the Delivery Point. Further, at each Sub-pooling Substation, individual meters accounting energy injected from solar and wind power components. The ESS component must be included as part of the Solar or Wind Generation components, prior to the Metering Point. It is clarified that DC-DC coupling of the components may also be opted for by the HPD. One of such combinations is proposed as follows:



7.6 Metering arrangement of each project shall have to be adhered to in line with relevant clauses of the PPA. The entire cost of transmission 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 HPD. Two or more Projects can be connected to a common pooling substation from which the pooled power can be transferred to the ISTS substation through a common transmission line subject to the following conditions:

- i) Acceptance of such an arrangement by the CTU/RLDC.
- ii) Energy injected by each Project will be recorded and signed jointly by all Project owners and copies of the same will be submitted to SECI.
- iii) The energy accounts are divided and clearly demarcated for the power generated at the Project and are issued by the STU/SLDC/RLDC/RPC concerned.
- iv) In case of Pooling substation, losses in the transmission line between the Pooling substation and the ISTS substation, shall be apportioned among the HPDs who share such a Pooling arrangement, based on their monthly generation.
- v) In case the common transmission line remains within the ISTS substation, the same may be under scope of the HPDs.

7.7 The HPD shall be required to follow the Detailed Procedure as issued by CERC/CTU under the General Network Access under the Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2022, as well as other Regulations issued by CERC/CEA as amended from time to time. It is further clarified that the Entities (HPD and Buying Entity) as indicated in the Detailed Procedure issued under the above Regulation, will be responsible for their respective obligation as notified in the Detailed Procedure, irrespective of the provisions of the RfS, PPA and PSA. It is clarified that in case the Detailed Procedure under the GNA regulations are not enforced until the Project commissioning, the HPD and the Buying Entity(ies) shall abide by the current

Procedure under applicable CERC regulations. In such a scenario, the responsibility of obtaining LTA will be that of the HPD. In the alternate scenario, no such requirement will be applicable on the HPD.

- 7.8 The HPD shall comply with CERC/SERC regulations on Forecasting, Scheduling and Deviation Settlement, as applicable and is responsible for all liabilities related to Connectivity. In case of absence of regulations specific to Hybrid Projects, the above regulations will be adhered to, separately for Wind and Solar Project components.

Declaration of Peak Hours by Buying Entity:

- a. The Buying Entity shall declare Peak Hours & furnish the requisition for drawal in Peak Hours to concerned HPD by 9 AM on day ahead basis, 'D-1' day, 'D' being the day of delivery. HPD shall adhere to drawal schedule provided by Buying Entity for Peak Hours.
 - b. However, w.r.t. requisition of drawal Schedule, Buying Entity shall comply with CERC/SERC/Indian Electricity Grid Code (as and when implemented), regulations on Forecasting, Scheduling and Deviation Settlement, as applicable.
- 7.9 Reactive power charges and charges against power drawn from grid as per CERC/SERC regulations shall be payable by HPD as per provisions of PPA.
- 7.10 Pursuant to Clause 7.7 above, the Buying Entity will be responsible for obtaining General Network Access (GNA), and shall bear all transmission charges and losses and any other charges as applicable under the respective regulations beyond Delivery Point and up to the Drawl Point.
- 7.11 Not Used.
- 7.12 The Bidders will be required to indicate their proposed substation at the time of bid submission in the Covering Letter (Format 7.1).
- 7.13 The HPDs will be required to apply for connectivity at the identified substation, as mentioned in the Covering Letter (Format 7.1), within 30 days of issuance of LoAs, and shall furnish copies of the application, complete in all respect, to SECI within 15 days of date of filing of application. The HPD shall also provide the copy of in-principle grant of connectivity, final grant of connectivity, connectivity agreement within 15 days of issuance of letter by CTU / signing of connectivity agreement, as the case may be, to SECI. In case the HPD is required to obtain LTA under the extant regulations, the same shall be applied for by the HPD, within 30 days of signing of PSA, and intimation of the same by SECI to the HPD
- 7.14 The HPD has to follow the timelines mentioned in the GNA regulation with respect to Connectivity. In case, connectivity has been revoked due to non-compliance of HPD, then the same may be considered as HPD's Event of Default and shall be dealt as per the provision of PPA.
- 7.15 In case the HPD fails to obtain the connectivity at a Substation identified by the Bidder, the same shall be immediately notified by the HPD to SECI.

8 *Energy Supply by the Hybrid Power Developer*

8.1 Criteria for Energy Supply

The Bidders will declare the annual CUF of their Projects in the Covering Letter as per Format 7.1 and HPDs will be allowed to revise the same once within first three years after COD. The declared CUF shall in no case be less than **50% (fifty percent) on an annual basis**.

Assured peak power supply: As part of the total energy supplied from the Project, the HPD shall mandatorily supply energy corresponding to a maximum amount of 2000 kWh per MW of the Contracted Capacity, on daily basis, during Peak Hours, as per the schedule provided by the Buying Entity.

Calculation of CUF will be on yearly basis from 1st April of the year to 31st March of next year. HPD shall maintain energy supply so as to achieve annual supply corresponding to CUF not less than 90% of the declared value (i.e., Minimum CUF) and not more than 120% of the declared CUF value (i.e., Maximum CUF), during the PPA duration of 25 years. The lower limit will, however, be relaxable by SECI to the extent of non-availability of grid for evacuation which is beyond the control of the HPD. Energy supplied between COD and the commencement of first financial year after COD will not be taken into consideration for the purpose of calculation of CUF. Subsequently, the annual CUF will be calculated every year from 1st April of the year to 31st March next year. The Buying Entity shall use the hybrid power for fulfillment of wind and other RPO in the proportion of rated capacity of solar and wind power in the hybrid project respectively. The ESS component shall be utilized by the Buying Entity to fulfill the respective Storage Purchase Obligation.

8.2 Scheduling and offtake of energy during peak hours

- i. The HPD is mandated to deliver up to 2000 kWh of energy per MW rated Project capacity of the project in AC terms, during Peak Hours as per the schedule given by the Buying Entity (i.e., For each 100 MW of project capacity, HPD shall supply up to 200,000 kWh of energy during Peak Hours), on a daily basis. Reconciliation of the same shall be carried out on a monthly basis. Modifications in the metering arrangement account of the same, if any, shall be under the scope of the HPD, at its own risk and cost.
- ii. The HPD may supply the required energy during Peak Hours either from the stored energy in the ESS or from any RE generation from the Project available during the Peak Hours.
- iii. “Peak Hours” in this case, shall be any 2 to 4 hours out of the 24 hours of a day, to be chosen by the Buying Entity. For each 100 MW of Contracted Capacity, the Buying Entity may specify off-take of amount of power during the Peak Hours up to 200,000 kWh of energy, on a daily basis.
- iv. It is clarified that the Buying Entity is not mandated to off-take the stored energy on a daily basis, and may choose to schedule peak power supply as per its requirement. The

discharge of energy during Peak Hours shall be governed by the demand pattern of the corresponding Buying Entity (ies), as per the Buying Entity's day-ahead schedule. In case of non-receipt of peak hours schedule from the Buying Entity on day-ahead basis, it shall mean that peak power is not required for that respective day. The requirement of electricity supply during Peak Hours is to be mandatorily met on a day-to-day basis, and shall be monitored on a monthly basis. Power supply during the Peak Hours shall be required to be maintained at a firm profile of power supply in (MW terms).

- v. After fulfilling the obligations of assured peak power supply, the ESS may be utilized for any other application by the HPD within the availability of connectivity.
- vi. Any shortfall in supply of Peak Power below the requirement of Buying Entity as per this clause, shall be dealt as per Clause 8.3 below.
- vii. The Buying Entity shall be required to intimate its choice of Peak Hours and Power requirement in the selected Peak Hours to SECI and HPD on a day ahead basis latest by 09:00 Hrs., which will be deemed to have been accepted by the HPD for supply of Peak Power. Once notified as Peak Hours, the Buying Utility shall mandatorily offtake power scheduled by HPD during such Peak Hours.
- viii. A minimum gap of 12 hours shall be maintained between the last Peak Hour of any Day (Dn) and the first Peak Hour of the day subsequent to that Day (Dn+1) as chosen by the Buying Entity.
- ix. It is clarified that grid-charging of the ESS will not be allowed under this RfS.

8.3 **Shortfall in Energy Supply**

- i. During the term of the Project, subsequent to commissioning of Project, if for any year, it is found that the HPD has not been able to supply minimum energy corresponding to the lower limit of CUF as declared by the HPD, such shortfall in performance shall make the HPD liable to pay the compensation provided in the PSA as payable to Buying Entities and the HPD shall duly pay such compensation to SECI to enable remitting the amount to the Buying Entities. This will, however be relaxable by SECI to the extent of grid non-availability for evacuation, which is beyond the control of the HPD.
- ii. The amount of compensation shall be calculated at 50% (fifty percent) of the PPA tariff for the shortfall in energy terms, in accordance with the 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 with SECI affecting supply of power by HPD. Such compensation as recovered from the HPD shall be passed on by SECI to the Buying Entity.
- iii. **Shortfall in supply of Peak Power:** In addition to above, in case of any shortfall in supply of Power during the Peak Hours as notified by the Buying Entity, from the mandated supply of energy (i.e., up to 200 MWh for each 100 MW capacity), the HPD

shall pay a compensation corresponding to the energy shortfall, calculated as 2 x PPA Tariff. For the purpose of calculation of shortfall in energy supplied during Peak Hours, a ‘month’ shall be the billing month as defined in the PPA.

- iv. While calculating shortfall in energy with respect to the energy declared under Clause 8.1 above, the shortfall in supply of Peak Power as elaborated at Sl. iii above, will be adjusted against the annual energy reconciliation for the Project. For e.g., Considering a Project with minimum annual energy to be supplied by the HPD as per Clause 8.1 being 10,00,000 MUs, and the annual energy actually supplied during a Contract year being 8,00,000 MUs. Further, based on monthly reconciliation, the annual shortfall in supply of Peak Power amounts to 50,000 MUs, in line with iii above. Thus, the net compensation payable by the HPD on account of shortfall in supply of energy on an annual basis will be Rs. $[(50,000 \times (2x \text{ PPA Tariff})) + \{(10,00,000 - (8,00,000 + 50,000)) \times (0.5x \text{ PPA Tariff})\}]$.

- v. **Illustration:** An example to illustrate the computation of shortfall in energy supplied during Peak Hours as per this clause is provided below:

Considering a single day’s Peak Power supply data as follows (PPA Tariff = Rs. 3.00/kWh):

Notified Peak Hour-block	Energy requirement (MWh)	Energy supplied (MWh)
Hour 1	100	100
Hour 2	100	50

Energy required to be supplied in the notified Peak Hours= 200 MWh

Total energy supplied in the notified Peak Hours= 150 MWh.

Calculation of compensation due to shortfall in supply of Peak Power:

Only negative deviations will be considered for calculation of shortfall in this regard.

Thus, for this particular Day, the deviation from the requirement is as follow:

Notified Peak Hour-block	Energy requirement (MWh)	Energy supplied (MWh)	Deviation from requirement
Hour 1	100	100	0
Hour 2	100	50	-50
Total deviation			-50

Shortfall in Peak Power supply for this period is 50 MWh. Thus, compensation payable by the HPD against such shortfall in Peak Power supply = Rs. $(2 \times 3.00 \times 50) \times 1000 =$ Rs. 3,00,000/- for the above period.

Similar methodology will be followed for all the peak hours requisitioned by the Buying Entity in the billing month. It is reiterated that only negative deviations will be considered for reconciliation on the monthly basis.

8.4 Excess generation

The HPD may repower the Project at a later stage, if required. However, in no case the HPD will be allowed to inject power more than the Contracted Capacity as per the PPA.

Also, after repowering, the minimum ratio of both the resources (wind & solar) shall be kept as per clause 6.3 of the RfS. The HPD will not be allowed to sell excess energy more than the limit corresponding to the maximum annual CUF, to any entity other than SECI, unless refused by SECI. In case SECI purchases the excess generation, the same shall be done at 75% (seventy-five per cent) of the PPA tariff. In case at any point of time, the peak of capacity reached is higher than the allotted capacity and causes disturbance in the system at the point where power is injected, the HPD will have to forego the excess generation and reduce the output to the allotted capacity to ensure compliance with grid requirement.

9 Commissioning of Projects

Commissioning of the Projects shall be carried out by the HPDs in line with the procedure elaborated in the PPA document. SECI may authorize any individual, committee, or organization to witness and validate the commissioning procedure on site. Commissioning certificates shall be issued by the State Nodal Agency or SECI after successful commissioning.

9.1 Part Commissioning

Part commissioning of the Project shall be carried out as mentioned below:

The minimum capacity for acceptance of first part commissioning at one project site shall be at least 50 MW, without prejudice to the imposition of penalty, in terms of the PPA on the part which is not commissioned. The projects can further be commissioned in parts of at least 25 MW batch size, with last part being the balance capacity.

In case of part commissioning of the Project, it shall be mandatory to demonstrate commissioning of both solar and wind capacities in proposed ratio on pro-rata basis, otherwise the project shall not be considered as part-commissioned. In other words, it is clarified that commissioning of a single component or having a composition lower than the above required percentage, shall not construe part commissioning of the Hybrid Project.

However, the SCD will not get altered due to part-commissioning. In case of part commissioning of the Project, land corresponding to the part capacity being commissioned, shall be required to be demonstrated by the HPD prior to declaration of commissioning of the said part capacity. Irrespective of dates of part commissioning, the PPA will remain in force for a period of 25 years from the SCD.

9.2 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 **24 months** from the Effective Date of the PPA (for e.g., if Effective Date of the PPA is 07.07.2022 then SCD shall be 07.07.2024).
- b. The maximum deadline allowed for commissioning of the full Project Capacity shall be limited to the date as on 6 months from the SCD.

- c. In case of delay in commissioning of the Project beyond the SCD until the deadline as per Clause 9.2.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 240 MW capacity, if commissioning of 100 MW capacity is delayed by 18 days beyond the SCD, then the liquidated damages shall be: $PBG \text{ amount} \times (100/240) \times (18/180)$.
For the purpose of calculations of 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 9.2.b above, the PPA capacity shall stand reduced/amended to the Project Capacity commissioned and the PPA for the balance capacity will stand terminated and shall be reduced from the selected Project Capacity.

In case of delay in commissioning of the Project due to reasons beyond the reasonable control of the HPD, SECI may extend the SCD after examining the issue on a case-to-case basis.

- e. It is to be noted that commissioning/part commissioning of the Project will not be declared until the HPD demonstrates possession of land in line with Clause 23, in addition to the other conditions as per the Commissioning Procedure. For part-commissioning, portion of land on which the part of the project is commissioned should be under clear possession of the HPD in accordance with clause 23 of the RfS.
- f. Any delay in adoption of tariff by the Appropriate Commission, beyond 120 (one hundred and twenty) days after Effective Date of the PPA, shall entail a corresponding extension in Financial Closure deadline and SCD

10 Delay in Commissioning on Account of Delay in GNA Operationalization

- 10.1 Subsequent to grant of connectivity, in case there is a delay in grant/operationalization of GNA by the CTU and/or there is a delay in readiness of the ISTS substation at the Delivery Point, including readiness of the power evacuation and transmission infrastructure of the ISTS network until SCD of the Project, and it is established that:
 - i. The HPD has complied with the complete application formalities as per Clause 7.2 above and as per the Detailed Procedure as issued by the CTU,
 - ii. The HPD has adhered to the applicable regulations/procedures in this regard as notified by the CERC/CEA, and
 - iii. The delay in operationalization of GNA and/or delay in readiness of the ISTS substation at the Delivery Point, including readiness of the power evacuation and transmission infrastructure of the ISTS network, is a factor solely attributable to the CTU/transmission licensee and is beyond the control of the HPD;

The above shall be treated as delays beyond the control of the HPD and SCD for such Projects shall be revised as the date as on 60 days subsequent to readiness of Delivery Point and power evacuation infrastructure and/or operationalization of GNA. Decision on requisite extension on account of the above factor shall be taken by SECI.

In case of delay in commissioning of Project due to reasons beyond the reasonable control of the HPD, SECI may extend the SCD after examining the issue on a case-to-case basis.

On account of delay in Grid Access operationalization, in case of any extension in SCD beyond 30.06.2025, decision on such extension requests will be taken by MNRE, in line with the OM issued by Ministry of Power vide No. 23/12/2016-R&R dated 30.11.2021, and subsequent amendments/clarifications thereto, read in conjunction with CERC's orders and regulations notified in this regard. The provisions of PPA and PSA in regard to liability of the Buying Entity to pay the ISTS charges and losses shall stand modified by such exemption/waiver provided as per the above Order/Office Memoranda and regulations issued by CERC, as applicable.

- 10.2 In case one of the Project components (wind or solar PV) is ready for injection of power into the grid, but the remaining component is unable to get commissioned, so in this case to avoid the stranding of RE power, HPD at its sole discretion, may be allowed to commission the plant at its own risk without any financial implications/obligations on SECI & Buying Entity. However, following should be noted under this scenario:
- i. First right of refusal for such power shall vest with SECI/Buying Entity, and if agreed by SECI/Buying Entity, power procurement from individual component commissioning (Solar or Wind) without ESS, such component will be undertaken at 50% of the PPA tariff and if ESS is also included in any of one RE component, power procurement from such component will be undertaken at 75% of the PPA tariff. In case the same is procured through SECI, trading margin of 7 paise/unit will be applicable on such power procurement.
 - ii. The above scenario does not qualify under the provisions of Part/Early Commissioning under the RfS, PPA and PSA. This is a special case wherein in case a project component is ready, the generation from such component is not wasted.
 - iii. The terms "COD" and "commissioning" as per the RfS, PPA and PSA will not be applicable for such component. Commissioning/injection of power from such component will be allowed only if the same is allowed as per the applicable regulations.
 - iv. The above scenario will be applicable until the HPD is ready to commission the Project as per the provisions of "Early and/or Part Commissioning" of the Project.

11 *Early Commissioning*

The HPD shall be permitted for full commissioning as well as part commissioning of the Project even prior to the Scheduled Commissioning Date, subject to availability of transmission connectivity Grid Access.

Early commissioning of the Project will be allowed solely at the risk and cost of the HPD, and SECI shall purchase the energy from such early commissioned Project at the PPA tariff, only in case the corresponding Buying Entity agrees to purchase power from the Project at an earlier date, and at the PPA tariff plus SECI's trading margin.

Such intimation for early commissioning shall be provided to SECI at least 60 days prior to the proposed early commissioning date. In case there is no response provided by SECI within 30 days from the receipt of such intimation, such early commissioned capacity shall be deemed to have been refused by SECI.

In case SECI does not agree to purchase such energy, early part/full commissioning of the Project shall still be allowed and the HPD will be free to sell such energy to a third party; subject to operationalization of LTA/GNA, until SCD or the date of commencement of procurement of power from the Project as notified by SECI, whichever is earlier. COD of the Project under the PPA will be declared from the date of commencement of procurement of energy from the Project by SECI for onward sale to Buying Entity as per terms of PSA.

In case, project is ready for early commissioning prior to LTA/GNA and if SECI/Buying Entity has agreed to procure such power before SCD/LTA/GNA operationalization, then in this case HPD is required to bear all charges upto the Delivery Point i.e., short term/medium term open access(STOA/MTOA) charges inter alia includes but not limited to MTOA/STOA applications charges (of seller state & region), respective RLDC & SLDC operations charges and NOC charges in accordance to Region or State where project is located etc., and Buying Entity is required to bear any charges beyond Delivery Point i.e. respective RLDC and SLDC application and operation charges (Regions other than seller region, Buying Entity State) and NOC charges etc. In case GNA regulations become applicable and GNA is yet to be operationalized, the applicable charges will be dealt as per the GNA regulations.

SECTION 3. STANDARD CONDITIONS OF CONTRACT

12 *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 - C). 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.

13 *Cost of Documents & 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. Payments against Cost of RfS document and Bid Processing Fee shall be done only through NEFT/RTGS (electronic transfer), and the Bidder shall submit the transaction receipt, as part of the online bid submission.

The bank details of SECI are available at SECI's website, www.seci.co.in, under the "Financials" tab.

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) registered under NSIC/DIC/Udyog Aadhar Only are exempted from submission of Cost of RfS Document, Bid Processing Fee & Earnest Money Deposit (EMD). For a Consortium to be eligible for exemption from submission of Cost of RfS document, Bid Processing Fee & Earnest Money Deposit, all the members of the Consortium shall be registered as MSME.

14 *Project Scope & Technology Selection*

Under this RfS, the HPD shall set up Wind-Solar Hybrid Power Project(s) including the transmission network up to the Interconnection/Delivery Point, at its own cost and in accordance to the provisions of this RfS document. All approvals, permits and clearances required for setting up of the Project and/or dedicated transmission network up to the Interconnection/Delivery point (along with connectivity and Long-Term Open Access) including those required from State Government and local bodies shall be in the scope of the HPD. The Projects to be selected under this scheme provide for deployment of wind-solar hybrid power technology. However, the selection of Projects would be technology agnostic. Bay construction at ISTS substation shall be under the scope of the entity as notified in the applicable procedures/regulations issued by CERC and updated from time to time.

15 *Not Used.*

16 Clearances Required from the State Government and Other Local Bodies

The Hybrid Power Developers are required to obtain all necessary clearances and permits as required for setting up the Projects, including but not limited to the following:

- a. No Objection (NOC)/Environmental clearance (if applicable) for the Project.
- b. Forest Clearance (if applicable) for the land for the Project.
- c. HPDs setting up projects in vicinity of Air Force bases/aerodromes, are advised to apply for necessary MoD clearances within 90 days of Effective Date of PPAs and forward the copies of application to SECI within 07 days of filing the applications.
- d. In case of Projects being set up in the States of Gujarat & Rajasthan, the HPD shall abide by applicable Supreme Court Order and MNRE's Guidelines on "Retrofitting of transmission lines and wind turbines to avoid bird collision in Great Indian Bustard (GIB) habitats of Rajasthan & Gujarat", vide OM No. 238/2/2019-Wind dated 22nd Feb 2019, and subsequent amendments and clarifications thereof.
- e. Any other clearances as may be legally required, in order to establish and operate the Project.

The above clearances, as applicable for the Project, shall be required to be submitted to SECI prior to commissioning of the Project. In case of any of the clearances as indicated above, being not applicable for the said Project, the HPD shall submit an undertaking in this regard, and it shall be deemed that the HPD has obtained all the necessary clearances for establishing and operating the Project. Any consequences contrary to the above shall be the responsibility of the HPD. The HPD shall also comply with all the laws, regulations, orders and procedures issued by the appropriate authority, applicable for setting up and implementing the Project.

The HPD shall be required to follow the applicable rules regarding project registration with the State Nodal Agency in line with the provisions of the applicable policies/regulations of the State where the Projects are being located. It shall be the responsibility of the HPD to remain updated about the applicable charges payable to the SNA under the respective State Policies.

Note: The HPD should apply for all the necessary approvals, permits and clearances not more than 90 days from the Effective Date of the PPA, which shall be complete in all respects, incorporating the clarifications/changes as required by the concerned authorities. The above timeline shall be adhered to, in order to examine cases where the HPD faces delay in grant of the necessary approvals and permits, for a period substantially greater than the standard period of grant of approval by the respective organizations.

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

- 17.1 Earnest Money Deposit (EMD) of **INR 12,26,000 / MW** (Indian Rupees Twelve Lakhs and Twenty-Six Thousand only) per Project 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.

Electronic Bank Guarantee (e-BG) is also acceptable against EMD under this RfS.

- 17.2 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.

- 17.3 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.

17.4 **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, SECI offers to execute the PPA with the Selected Bidder and if the Selected Bidder does not submit the requisite documents as per Clause 26 of the RfS or 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 bidders as part of response to RfS are misleading or misrepresented in any way;
- d. If the bidder fails to furnish required PBG/POI in accordance with Clause 18 of the RfS.

- 17.5 **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 17.1 above, for the amount and validity period as per those Clause 17.1 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”.

18 Performance Bank Guarantee (PBG)/ Payment on Order Instrument (POI)

18.1 Bidders selected by SECI based on this RfS shall submit Performance Guarantee for a value @ **INR 18,39,000/MW/Project** (Indian Rupees Eighteen Lakhs and Thirty-Nine Thousand only/MW/Project) prior to signing of PPA. It may be noted that successful Bidders 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. On receipt and after successful verification of the total Performance Bank Guarantee in the acceptable form, the BG/POI submitted towards EMD shall be returned by SECI to the successful Bidder. It may be noted that PPA will be signed only upon successful verification of the PBG submitted by the HPD.

Electronic Bank Guarantee (e-BG) is also acceptable against PBG under this RfS.

18.2 All Performance Bank Guarantees (PBGs) shall be submitted separately for each Project.

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 at an earlier date, 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.

18.3 The HPD 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 38.1.ii of the RfS.

18.4 The format of the Bank Guarantees prescribed in the Format 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 EMD/PBG and consequently, the bid. In case of deviations in the formats of the Bank Guarantees, the corresponding PPA shall not be signed.

18.5 SECI has agreed to accept the PBG 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 PBG 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.

- 18.6 The selected Bidder for the Project selected based on this RfS is required to sign PPA with SECI within the timeline as stipulated in Clause 21 of the RfS. In case, SECI offers to execute the PPA with the Selected Bidder and if the Selected Bidder does not submit the requisite documents as per Clause 21 of the RfS, or 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 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.
- 18.7 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.
- 18.8 All expenditure towards execution of Bank Guarantees such as stamp duty etc. shall be borne by the Bidders/HPDs. Any Bank Guarantee or amendment to be submitted as part of the bidding process / contract execution, 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.
- 18.9 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, and the endorsing bank would be required to provide the SFMS confirmation.
- 18.10 After the bidding process is over, SECI shall release the Bank Guarantees/POI towards EMD of the unsuccessful Bidders within 15 days after the completion of e-Reverse Auction. The PBG of HPDs shall be returned to them, immediately after successful commissioning of their projects as per Terms of PPA, after taking into account any liquidated damages due to delays in commissioning as per Clause 9 and 10 of the RfS.
- 18.11 **Payment on Order Instrument (POI):** As an alternative to submission of PBG as above, the HPD 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 PBG 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 D of the RfS, within the timelines as per Clause 18.1 above, for the amount and validity period as per those Clause 18.1 above. In case the HPD chooses to submit POI, delay in submission of the POI beyond the timeline stipulated at Clause 18.1 above, will be applicable in this case too.

The term "Performance Bank Guarantee (PBG)" occurring in the RfS shall be read as "Performance Bank Guarantee" (PBG)/Payment on Order Instrument (POI)".

19 *Success Charges & Payment Security Deposit*

- 19.1 **Success Charges:** The Selected Bidder shall have to pay INR 1,00,000 / MW (Indian Rupees One Lakh only) + 18% GST to SECI towards administrative overheads, coordination with State Authorities and others, DISCOM/STU/CTU, pre-commissioning and commissioning expense. The payment has to be made by the HPD in the form of DD/ Pay Order/ NEFT/ RTGS within 30 days of issuance of LoA or the date at least 07 days prior to the date of signing of PPA (PPA signing date to be intimated by SECI), whichever is earlier. Any delay in depositing the said amount to SECI as mentioned above within the stipulated time shall attract late payment charges @18% per annum+18% GST, levied on per day basis, on the total Success Charges, till (and including) the date of payment of Success Charges, which shall not be later than the date of signing of PPA. PPA shall only be signed after deposit of the Success Charges to SECI. In case of delay in making full payment of above delay charges, the amount paid, if any until the above deadline, along with interest, shall be first reduced from the total amount due towards the delay charges and interest amount (i.e., rate of interest as stated above). Further, balance amount to be paid shall attract Interest rate @ one-year SBI MCLR rate /annum on pro-rata basis.
- 19.2 **Payment Security Deposit:** Prior to declaration of commissioning of first part capacity of the Project, the HPD shall furnish a Payment Security Deposit (PSD) @ Rs. 5,00,000/MW (Indian Rupees Five Lakhs only /MW), to SECI through DD/NEFT/RTGS. This fund shall form part of the Payment Security Fund maintained by SECI for the Projects. Modalities of operationalization of the Payment Security Deposit will be notified by SECI at appropriate stage, through necessary guidelines/orders. The above amount shall be credited to SECI pro-rata to the part capacity being commissioned at that stage.

In case the HPD is unable to furnish the above amount prior to commissioning of the corresponding part-capacity, SECI reserves the right to recover the same from the monthly energy payments made to the HPD, along with interest @ SBI 1-year MCLR to be levied from the date of commissioning of the said part-capacity to the date of recovery/due date of payment of invoices.

20 *Integrity Pact*

In respect of this project, the Independent External Monitor (IEM) would be monitoring the execution of contract to oversee implementation and effectiveness of the Integrity Pact (IP) Program based on the IP executed with you, as per Format 7.11. The names of Independent External Monitor(s) (IEMs) who have been appointed by Employer, in terms of Integrity Pact (IP) which will form a part of the Employer Contracts are:

- a) Dr. Varesh Sinha, IAS (Retd.), E Mail Id: vareshsinha@gmail.com
- b) Shri Bimal Julka, IAS (Retd.), E Mail Id: bimaljulka1955@gmail.com

The above-mentioned IEMs are authorized to examine/consider all references made to it under this tender/Contract. The contractor, in case of any dispute(s)/complaint(s)

pertaining to this project may raise the issue either with the designed Nodal Officer in SECI or directly with the IEM at SECI office at following Address:

Solar Energy Corporation of India Limited,

6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023, India

Kind Attn.: AGM (C& P)

Telephone No.: - 0091-(0)11-71989220

Fax No.: - 0091-(0)11-71989243

E-mail: - contracts@seci.co.in

The Independent External Monitor (IEM) has the right to access without restriction to all Project documentations of the Employer including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his Project Documentations. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Sub-Contractors / JV Partners / Consortium member with confidentiality.

The Nodal officer for necessary coordination in this regard shall be as under:

- (i) HOD of Contracts & Procurement (C&P): For issues pertaining to C&P department.
- (ii) Head of concerned Department: For issues pertaining to other departments.

21 Power Purchase Agreement (PPA)

- 21.1 SECI shall enter into Power Purchase Agreement (PPA) with Bidders selected based on this RfS. A copy of standard PPA to be executed between SECI and the selected HPD will be made available on ISN-ETS Portal and also in SECI website. The PPA shall be signed within 90 days from the date of issue of Letter of Award (LoA), if not extended by SECI (for e.g., if the LoA is dated 07.10.2022, then the last date of signing of PPA shall be on or before 05.01.2023). Subsequent extension in this timeline shall be finalized as mutually agreed by SECI and the HPD. PPA will be executed between SECI and selected bidder or its SPV separately for each Project.
- 21.2 Note: PPA will be executed between SECI and the HPD as per the breakup of the cumulative Project capacity awarded to the Bidder. The HPD shall provide the project breakup for the cumulative capacity quoted in the Covering Letter (Format 7.1), which may be changed by the HPD subsequent to issuance of LoA up to the date as on 30 days from issuance of LoA. Further, for each Project, the bidder shall provide tentative hourly generation profile for a representative day for a single year, indicating tentative energy (MWh) and power (MW) to be supplied under the PPA. For an individual Project, any modification in the rated capacities of wind and solar components in the Project, shall be intimated to SECI within 30 days of issuance of LoA. Both the above

parameters will remain unchanged, thereafter. The PPA(s) will be signed after signing of PSA(s) for the respective Project(s).

- 21.3 The PPAs shall be valid for a period of 25 years from the Scheduled Commissioning Date. Any extension of the PPA period beyond 25 years shall be through mutual agreement between the HPD, Buying Entity and SECI.
- 21.4 The Performance Bank Guarantee as per Clause 18 above and Success Charges as per Clause 19 above, shall be submitted by the HPD prior to signing of PPA. Before signing of PPA between SECI and the HPDs, 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 HPDs are false / misleading or misrepresented in any way, then the provisions contained in this RfS will be applicable.
- 21.5 Successful bidders will have to submit the required documents to SECI within 70 days from the issue of LoA. In case of delay in submission of documents beyond the period as mentioned above, SECI shall not be liable for delay in verification of documents and subsequent delay in signing of PPA. Effective Date of the PPA shall be the date as on 90 days from the date of issue of LoA, or the date of signing of PPA, whichever is later (for example, if the date of LoA is 07.08.2022, the Effective Date will be 05.11.2022 or date of signing of PPA, whichever is later). Subsequent to expiry of the 90-day period after the issuance of LoA, in case SECI intimates to the Successful Bidder, a particular date as the date for signing of PPA, the specified date shall become the Effective Date of the PPA, irrespective of the date of signing of PPA.
- 21.6 SECI will be obliged to buy the entire power as per generation schedule, to be provided by the HPDs subject to limitations as per the PPA, required under grid regulations. However, the HPDs are required to achieve a minimum and maximum annual CUF as stipulated in Clause 8.1.
- 21.7 Back-to-back Power Sale Agreements (PSAs) in respect of all rights and obligation under the PPA between the HPD and SECI, will be executed by SECI with the Buying Entity for sale of power to Buying Entity, with the buying entity assuming all the obligations of SECI under the PPA. SECI's obligation to HPD under the PPA shall also be on the back-to-back basis as provided in the PPA and the corresponding PSA.
- 21.8 The HPDs will be free to repower their plants from time to time during the PPA duration, pursuant to Clause 8.1 above. However, SECI will be obliged to buy power only up to the Contracted Capacity as per the PPA.
- 21.9 The HPDs are free to operate their projects after expiry of the 25 years of PPA period if other conditions such as land lease etc., permit. However, any extension of the PPA period beyond 25 years shall be through mutual agreements between the HPD, SECI and the Buying Entities, as the case may be, as approved by the Appropriate Commission, provided that the arrangements with the land and infrastructure owning agencies, the relevant transmission utilities and system operators permit operation of the Project beyond the initial period of 25 years.

22 Financial Closure or Project Financing Arrangements

- 22.1 The Projects shall achieve Financial Closure within 12 (twelve) months from the Effective Date of the PPA (for e.g., if Effective Date of the PPA is 07.11.2022, then scheduled Financial Closure date shall be 07.11.2023).
- 22.2 At the stage of financial closure, the HPDs shall report 100% tie-up of Financing Arrangements for the Projects. In this regard, the HPD shall submit a certificate/necessary document from all financing agencies regarding the tie-up of 100% of the funds indicated for the Project, including arrangements of funds in the form of Equity. The HPD shall also submit details of all planned/proposed solar panels, inverters and wind turbine generators, along with necessary purchase order/agreements for the Project. The HPD shall also indicate the rated capacity of any storage facility, if proposed at the Project site.
- 22.3 Checklist of documents to be submitted at this stage is provided at Annexure-B of the RfS.
- 22.4 In case of default in achieving above condition as may be applicable within the stipulated time, SECI shall be entitled to encash PBG/POI and shall remove the Project from the list of the selected Projects, unless the delay is on account of factors not owing to any action or inaction on the part of the HPD, or caused due to a Force Majeure as per PPA. An extension can however be considered, on the sole request of HPD, on advance payment of extension charges of INR 1,000/- per day per MW. This extension will not have an impact on the obligation of HPD to achieve commissioning by the Scheduled Commissioning Date of the Project. Subsequent to the completion of deadline for achieving financial closure, SECI shall issue notices to the HPDs who are not meeting the requirements of Financial Closure as per the RfS deadlines. The notice shall provide a period of 7 business days to the respective HPDs to either furnish the necessary documents or make the above-mentioned payment of Rs. 1,000/MW/day. In case of non-submission of either-the requisite documents or the necessary amount upon expiry of the above-mentioned notice period of 7 days-SECI shall encash the PBG/POI of the corresponding HPDs and terminate the PPA for the corresponding Project. The amount of Rs. 1,000/MW/day shall be paid by the HPDs in advance prior to the commencement of the said delay period and shall be calculated based on the period of delay as estimated by the HPD. In case of the HPD meeting the requirements of Financial Closure before the last date of such proposed delay period, the remaining amount deposited by the HPD shall be returned by SECI. Interest on account of delay in deposition of the above-mentioned charges or on any subsequent extension sought, shall be levied @ one-year SBI MCLR rate /annum on pro-rata basis. Any extension charges paid so, shall be returned to the HPD without any interest on achievement of successful commissioning within the Scheduled Commissioning Date, on pro-rata basis, based on the project capacity commissioned as on Scheduled Commissioned Date.
- 22.5 The HPD will have to submit the required documents to SECI at least 14 days prior to the scheduled Financial Closure date. In case of delay in submission of documents

mentioned above, SECI shall not be liable for delay in verification of documents and subsequent delay in Financial Closure.

23 Land Arrangements for the Project

- 23.1 The HPD shall be entirely responsible for acquiring the land required for setting up the project and SECI shall not in any manner be responsible for the same.
- 23.2 The HPD shall demonstrate clear possession and right to use 100% of the land identified for the Project, on or before the SCD of the Project. In this regard, the HPD shall be required to furnish documents/lease agreements to establish possession and right to use 100% of the required land in the name of the HPD for a period not less than the complete term of the PPA, on or before the Scheduled Commissioning Date (SCD).
- 23.3 In case of leasing of Government land, appropriate state regulations regarding tenure of lease agreement shall be applicable. In both cases where the lease agreements are for a period shorter than the PPA Term, solely on account of applicable State Governmental regulations, the HPD shall be required to submit an undertaking that the lease agreements shall be appropriately extended in line with the Term of the PPA, when required. Wherever leasing of private land is involved, the lease should allow transfer of land to the lenders or SECI, in case of default of the HPD. Further, in case of sub-leasing of land from an entity other than the Government, the lessor and lessee shall submit letters in their respective letterheads addressed to each another, confirming handing over and taking over the said land parcel(s), respectively.
- 23.4 The HPD shall submit a sworn affidavit from the authorized signatory of the HPD listing the details of the land and certifying that total land required for the Project is under clear possession of the HPD, on or before the SCD.
- 23.5 It is further to be noted that part/full commissioning of the Project will not be allowed until demonstration of land possession for the corresponding capacity being commissioned.
- 23.6 It is to be noted that delay in commissioning of the Project due to changes in Project location(s) and/or connectivity/LTA/GNA, if any, will be on account of the HPD, and will be dealt as per the provisions of the RfS/PPA.
- 23.7 With respect to demonstration of land possession by the HPD, commissioning of the Project will not be allowed until the demonstration of land possession by the HPD in terms of this Clause and Clause 9.2.e. of the RfS. However, in case of delays in demonstrating land possession by the HPD on account of Government delay (including but not limited to delay in land use pattern change, and/or relaxation under respective State land ceiling Act, and/or land lease permission from State Government/Authorities) or delay caused due to a Force Majeure as per PPA, SCD shall be suitably extended.

24 Commercial Operation Date (COD)

The Commercial Operation Date (COD) shall be considered as the actual date of commissioning of the project as declared by the SNA/Commissioning Committee/SECI.

In case of part commissioning COD will be declared only for that part of project capacity.

The following two milestone dates for commissioning may therefore be observed and may fall on separate dates:

1. **Inter connection with Grid:** This may be provided by the PGCIL/State Transmission Company on the request of the HPD, to facilitate testing and allow flow of power generated into the grid to avoid wastage of power.
2. **Commissioning of Project:** This will be on a date, when the Project meets the criteria defined for project commissioning. SECI may authorize any individual or committee or organization to declare the project commissioned on site.

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

- 25.1 The Bidder shall provide complete information in their bid in reference to this RfS about its promoters and upon issuance of LoA, the HPD shall provide information about its promoters and their shareholding in the Company before signing of PPA with SECI.
- 25.2 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:

- i. Infusion of Fresh equity capital amongst the existing shareholders/promoters at the time of Bid Submission to meet equity requirements.
 - ii. Conversion of CCDs, CCPs etc. already issued to existing shareholders.
 - iii. Death, marriage, Divorce, minor attaining major (any legal heir who was minor at the time of signing of PPA), insolvent, insane of existing shareholders.
 - iv. Transfer of shares within the members of Immediate Promoter Group only.
 - v. Transfer of shares to IEPF.
 - vi. Issue of Bonus Shares.
- 25.3 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, except with the prior approval of SECI. However, in case the Project is being set up by a listed Company, this condition will not be applicable.
 - 25.4 In case of companies having multiple promoters (but none of the shareholders having more than 51% 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.

- 25.5 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, except with the prior approval of SECI. In the event the selected Bidder 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, except with the prior approval of SECI. However, in case the Project is being set up by a listed Company, this condition will not be applicable.
- 25.6 Any change in the shareholding after the expiry of 01 years after COD can be undertaken under intimation to SECI.
- 25.7 In the event of Change in Shareholding/ Substitution of Promoters triggered by the Financial Institutions leading to signing of fresh PPA with a new entity, an amount of INR 10 Lakh (Rs. 10,00,000/-) per Project +18% GST per Transaction as Facilitation Fee (non-refundable) shall be deposited by the developer to SECI.

26 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 – C. 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**.
In the event any Member of the Bidding Consortium (other than Lead Member) is a foreign entity, it may submit Board Resolutions in place of Power of Attorney for the purpose of fulfilling the requirements under this clause. Provided that such Board Resolutions shall be supported by 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.
- 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:
 - i. 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.
 - ii. 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
- iii. 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. Format for Technical Criteria as per **Format 7.9** (to be filled out separately for each Project).
 - x. Attachments
 - i. Memorandum of Association, Article of Association 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/ Wind Power plant development.
 - In case, there is no mention of the above provisions in the MoA/ AoA of the bidding company, 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/ Wind Power plant development has to be submitted prior to signing of PPA.
 - ii. Certificate of Incorporation of Bidding Company/ all member companies of Bidding Consortium.
 - iii. 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.
 - iv. Certified copies of annual audited accounts for the last financial year, i.e. FY 2021-22, or provisional accounts duly certified by a practicing Chartered Accountant (as applicable), 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).
- v. Details of all types of securities/instruments which are pending conversion into equity whether optionally or mandatorily.
 - xi. Covering letter of the Financial bid as per **Format - 7.10**.
 - xii. Signed Integrity Pact between SECI and the Bidding Company as per **Format 7.11**.
 - xiii. Break-up of the Preliminary Estimate of Cost of Project as per **Format 7.12** (separately for each Project).

27 Important Notes and Instructions to Bidders

- 27.1 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.
- 27.2 The Bidders shall be shortlisted based on the declarations made by them in relevant schedules of RfS. The documents submitted online will be verified before signing of PPA in terms of Clause 21 of the RfS.
- 27.3 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.
- 27.4 If the event specified at 27.3 is discovered after the Effective Date of PPA, consequences specified in PPA shall apply.
- 27.5 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. However, the EMDs submitted by unsuccessful Bidders shall be returned as specified in Clause 18 of the RfS.
- 27.6 All documents of the response to RfS (including RfS and subsequent Amendments/ Clarifications/ Addenda, PPA and PSA) submitted online must be digitally signed by the person authorized by the Board as per Format 7.4.
- 27.7 The response to RfS shall be submitted as mentioned in Clause 26 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.
- 27.8 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.

- 27.9 All the information should be submitted in English language only. In case of foreign bidders having documents in other than English language, then the documents shall be translated in English language by certified translator and submitted.
- 27.10 Bidders shall mention the name of the contact person and complete address and contact details of the Bidder in the covering letter.
- 27.11 Response to RfS that are incomplete, which do not substantially meet the requirements prescribed in this RfS, will be liable for rejection by SECI.
- 27.12 Response to RfS not submitted in the specified formats will be liable for rejection by SECI.
- 27.13 Bidders delaying in submission of additional information or clarifications sought will be liable for rejection.
- 27.14 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.
- 27.15 The Central Electricity Regulatory Commission shall be the appropriate commission to exercise the regulatory and adjudicatory jurisdiction in regard to matters between HPD and SECI as well as SECI and buying utility(ies). Subject to the above, only New Delhi Courts shall have exclusive jurisdiction in all matters pertaining to this RfS.
- 27.16 All the financial transactions to be made with SECI including success fee, delay charges (except charges for delay in Financial Closure and Payment Security Deposit), and any additional charges (if required), shall attract 18% GST on each transaction, irrespective of the same being mentioned in the RfS/PPA.

28 Non-Responsive Bid

The electronic 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 Cost of RfS and/or 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 Technical Bid.
- (d) Any indication of tariff in any part of response to the RfS, other than in the financial bid.
- (e) Non-submission of payment details against Bid Processing Fee.
- (f) Data filled in the Electronic Form of Financial Bid (Second Envelope), not in line with the instructions mentioned in the same electronic form.

- (g) Except for the scenario as per Clause 5.1 above, 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.
- (h) Non-submission or partial submission of EMD in acceptable form along with response to RfS.

In any of the above cases, the bid shall not be considered for bid opening and evaluation process. Further, in case of (h), such bidder will be debarred from participating in any of the tenders issued by SECI, for a period of 6 (six) months, starting from the last date of bid submission of this RfS

29 Method of Submission of Response to RfS by the Bidder

29.1 Documents to be Submitted Offline (in Original)

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

- a. Bank Guarantee/ Payment on Order Instrument towards EMD as mentioned in the Bid Information Sheet (as per Format 7.3A/ 7.3B). One EMD may be submitted for the cumulative capacity quoted by the bidder, or individual EMDs may be submitted for each Project.
- b. 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, 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 22.08.2022, the above deadline will expire at 18:00 hrs. on 24.08.2022. 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 (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 Hybrid Power Developers for Setting up of 1200 MW ISTS-Connected Wind-Solar Hybrid Power projects with assured Peak Power Supply in India under tariff-based Competitive Bidding (Tranche-VI)	
<i>Cumulative Capacity of the projects applied for</i>	_____ MW
<i>No. of Projects Bid for</i>	
<i>RfS Reference No.</i>	SECI/C&P/IPP/13/0007/22-23 dated 02.11.2022
<i>Submitted by</i>	<i>(Enter Full name and address of the Bidder)</i>
<i>Organization ID (OID) on ETS portal</i>	<i>(Enter the OID through which the Bid has been submitted online on ETS portal)</i>
<i>Authorized Signatory</i>	<i>(Signature of the Authorized Signatory)</i> <i>(Name of the Authorized Signatory)</i> <i>(Stamp of the Bidder)</i>
<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

29.2 Documents to be Submitted Online

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

If the Bidder has submitted bid online and fails to submit the Bank Guarantee for requisite amount offline within 2 working days from last date of bid submission, then the same shall be treated as incomplete bid, cost of RfS and Processing fee submitted at this stage will be encashed and the EMD(s) shall be returned and the submitted bid will stand cancelled.

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, 7.8/7.8A and 7.9 as elaborated in Clause 26 of the RfS.
- (b) All attachments elaborated in Clause 26 of the RfS, under the sub-clause x: Attachments, with proper file names.
- (c) All supporting documents regarding meeting the eligibility criteria.
- (d) Scanned Copies of NEFT/RTGS/ details towards Cost of RfS Document and Bid Processing Fee as mentioned in Bid Information Sheet.
- (e) Scanned copies of requisite amount of Bank Guarantee/ Payment on Order Instrument towards EMD as mentioned in the 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 27.8, and Annexure-C, 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 Techno-commercial bid.

II. Financial Bid (Second Envelope)

Bidders shall submit the single Financial Bid containing the scanned copy of following document(s):

- (a) Covering letter as per Format - 7.10 of the RfS
- (b) Preliminary Estimate of Cost of Wind-Solar Hybrid Power Project as per Format 7.11 of the RfS.

Only a single tariff bid for all the Projects applied for, 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.


Important Note:

- (a) The Bidders shall not deviate from the naming and the numbering formats of envelopes mentioned above, in any manner.
- (b) In each of the envelopes, all the documents enclosed shall be indexed and flagged appropriately, with the index list indicating the name of the document against each flag.
- (c) All the envelopes shall be properly sealed with the signature of the Authorized Signatory running across the sealing of the envelopes.

- (d) In case the Bidder submits the online documents on ISN-ETS within the bid submission deadlines and fails to submit the offline documents in the office of SECI within the bid submission deadlines, 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 and the EMD shall be returned to the respective bidder.
- (e) **In case of submission of Bank Guarantee/Payment on Order Instrument against EMD online on or before the bid submission deadline, and non-submission of the hard copy of the Bank Guarantee to SECI within the date as on 2 working days subsequent to bid submission deadline, the respective bidder will be debarred from participating in any of the tenders issued by SECI, for a period of 6 (six) months, starting from the last date of bid submission of this RfS.**

30 Notice Board for Display

The HPD will have to put a notice board (at least 180 cm x 120 cm) at its project site main entrance prominently displaying the following message before declaration of COD.

<p>___ MW ISTS-Connected Wind-Solar Hybrid Power Project(s)</p> <p>Owned and operated by</p> <p>----- (insert name of the HPD)</p> <p>[Under RfS for Selection of Hybrid Power Developers for Setting up of 1200 MW ISTS-Connected Wind-Solar Hybrid Power Projects with assured Peak Power Supply in India under Tariff-based Competitive Bidding (Tranche-VI)</p> <p>by</p> <p>Solar Energy Corporation of India Limited]</p> <div style="text-align: center;">  </div> <p>Village:....., Tehsil....., District....., State.....</p>
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31 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 submission of response to RfS (“Bid Validity”). SECI reserves the right to reject any response to RfS which does not meet the aforementioned validity requirement.

32 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.

33 Clarifications/ Pre-Bid Meeting/ Enquiries/ Amendments

- 33.1 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.
- 33.2 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.
- 33.3 A Pre-Bid Meeting shall be held as mentioned in the Bid Information Sheet (Venue to be notified later on SECI's website).

34 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.

35 Post Award Compliances

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

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

SECTION 4. QUALIFICATION REQUIRMENTS FOR BIDDERS

Short listing of Bidders will be based on the following Criteria:

36 *General Eligibility Criteria*

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

- 36.1 The Bidder shall be a Company as defined.
- 36.2 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).
- 36.3 A foreign company can also participate on standalone basis or as a member of consortium at the RfS stage. In case of foreign company participating on standalone basis and its selection as successful Bidder, it has to form a “Special Purpose Vehicle” (SPV), i.e., an Indian Company registered under the Companies Act, 2013 as its subsidiary Company, with at least 51% shareholding in the SPV, before signing of PPA. In case a Foreign Company is selected as the successful Bidder, it shall comply with all the laws and provisions related to Foreign Direct Investment in India.

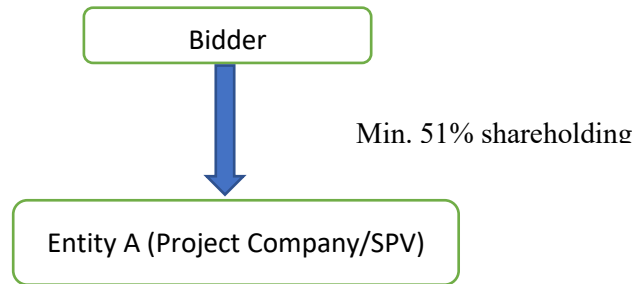
In case the foreign company participating as a member of consortium, Clause 36.7 of the RfS shall be applicable.

- 36.4 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:
 - i. An entity incorporated, established or registered in such a country; or
 - ii. A subsidiary of an entity incorporated, established or registered in such a country;or

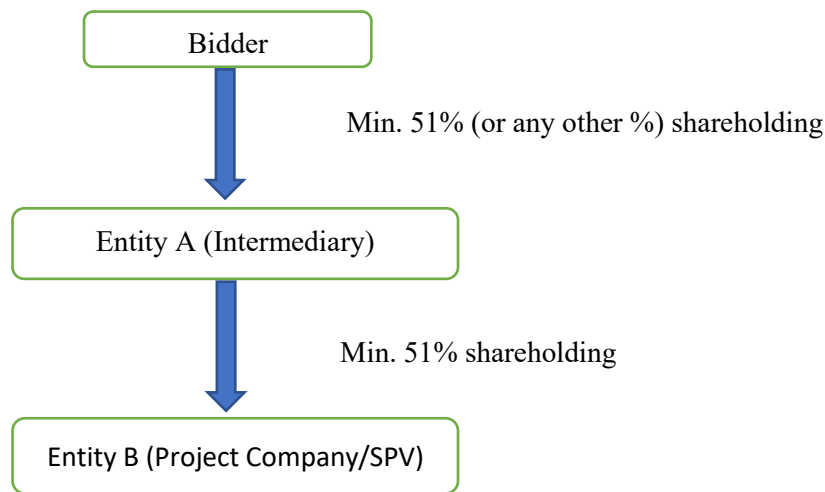
- iii. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - iv. An entity whose beneficial owner is situated in such a country; or
 - v. An Indian (or other) agent of such an entity; or
 - vi. A natural person who is a citizen of such a country; or
 - vii. 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.
- 36.5 Limited Liability Partnership (LLPs) are not eligible for participation.
- 36.6 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.
- 36.7 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 COD of the Project, except with the prior approval of SECI. Transfer of controlling shareholding within the same group of companies will however be allowed after COD with the permission of SECI, subject to the condition that, the management control remains within the same group of companies.
- 36.8 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.
- In addition to the above, in order for the bids to be considered responsive for further evaluation, performance of the Bidder should have been satisfactory in earlier project(s) awarded by SECI, if any.
- 36.9 For avoidance of doubt, it is clarified that the fully owned subsidiary Company as mentioned in Clauses 36.3 and 36.6 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 the RfS conditions, only Scenario 1 is permissible in case of projects being implemented by SPVs.

37 Technical Eligibility Criteria

- 37.1 Under the provisions of 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 shall provide information about the solar PV panels and wind turbines proposed to be installed in the project at the time of Financial Closure.
- 37.2 In order to ensure only quality systems are installed, and in order to bring-in advantage of latest development/Models, the type-certified wind turbine models listed in Revised List of Models and Manufacturers (RLMM) issued by MNRE as updated as on the date of commissioning of the Projects will be allowed for deployment under the RfS.
- 37.3 The HPD shall strictly comply with the detailed technical parameters for Solar PV Component of a Project, as provided in Annexure-A of this document. 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 Projects 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. The technical specification to be followed for BESS (Battery Energy Storage Systems), if any, are provided at Appendix-A1 of this document.

- 37.4 The wind power projects will be developed as per the Guidelines issued by the Government for development of Wind Power Projects. For solar modules and balance of systems, the technical guidelines issued by the Government from time to time for grid connected Solar PV systems and the technical guidelines prevalent at the time of commissioning of the Project, will be followed.
- 37.5 The Projects shall also comply with the criteria for power supply as detailed in Clause 8 of the RfS.

38 Financial Eligibility Criteria

38.1 Net-Worth

- i. The Net Worth of the Bidder should be equal to or greater than **INR 1.226 Crores/MW** (Rs. 1,22,60,000/MW) of the quoted capacity, as on the last date of previous Financial Year, i.e., FY 2021-22 or as on the day at least 7 days prior to the bid submission deadline.
- 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 Performance Bank Guarantees/POI 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.

38.2 Liquidity

In order to ascertain that the Bidder has sufficient means to manage the fund requirements for the Project, the Bidder shall be required to demonstrate at least one of the following parameters:

- i. A minimum annual turnover of **INR 1.108 Cr./ MW** (Rs. 1,10,80,000/MW) of the quoted capacity during the previous financial year, 2021-22 or as on the day at least 7 days prior to the bid submission deadline. 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.
- ii. Internal resource generation capability, in the form of Profit Before Depreciation Interest and Taxes (PBDIT) for a minimum amount of **INR 22.16 Lakhs/ MW** (Rs. 22,16,000/MW) of the quoted capacity, as on the last date of previous financial year, 2021-22, or as on the day at least 7 days prior to the bid submission deadline.

- iii. In-principle sanction letter from the lending institutions/ banks of the Bidder, committing a Line of Credit for a minimum amount of **INR 27.70 Lakhs/MW** (Rs. 27,70,000/MW) of the quoted capacity, towards meeting the working capital requirement of the project quoted under this RfS. Such letter can also be obtained by the Affiliate(s) of the Bidder.
- 38.3 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 38.1 and 38.2 above. In case of the Bidder being a Bidding Consortium, any Member may seek qualification on the basis of financial capability of its Affiliate(s). In all the above cases, the Bidder shall be required to submit Board Resolutions from the respective Affiliate(s), undertaking to contribute the required equity funding and PBG/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(s), undertaking the above, shall be required to be submitted and the requisite Board Resolution from the Affiliate(s) shall be required to be submitted prior to signing of PPA.
- 38.4 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 (26%) equity in each Company whose accounts are merged in the audited consolidated account and provided further that the financial capability of such Companies (of which accounts are being merged in the consolidated accounts) shall not be considered again for the purpose of evaluation of any other response to this RfS.
- 38.5 A Company/Consortium would be required to submit annual audited accounts for the last financial year, 2021-22, or as on the day at least 7 days prior to the bid submission deadline, along with net worth, annual turnover and PBDIT certificate (as applicable) from a practicing Chartered Accountant/ Statutory Auditor to demonstrate fulfillment of the criteria. In case of foreign companies, the Bidders shall be required to submit the annual audited accounts for the last respective financial year as per the general norm in the country where the Bidder or its Affiliate(s) is/ are located, or provisional accounts as on the day at least 7 days prior to the bid submission deadline.

Note: In case of foreign Bidders, 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.

- 38.6 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.
- 38.7 In case of any currency for which RBI reference rate is not available, Bidders shall convert such currency into US Dollar (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 38.6 above.
- 38.8 In case the response to RfS is submitted by a Consortium, then the financial requirement (both the Net-Worth and Liquidity requirements) to be met by each Member of the Consortium shall be computed in proportion to the equity commitment made by each of them 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 200 MW, then, total Net-Worth to be met by the Consortium is Rs. 1.226 Crores x 200 MW = Rs. 245.2 Crores. Minimum requirement of Net-Worth to be met by Lead Member A would be minimum Rs. 171.64 Crores and to be met by Consortium Member B would be Rs. 73.56 Crores. Similar methodology shall be followed for computation of liquidity requirement.

SECTION 5. BID EVALUATION AND SELECTION OF PROJECTS

39 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.

40 Techno-Commercial Evaluation of Bidders (Step 1)

- 40.1 The first envelope (Technical Bid submitted online) of only those bidders will be opened by SECI whose required documents as mentioned at Clause 29 of the RfS are received by SECI. Bid opening (online) will be done only after the deadline for submission of Bank Guarantee.

For e.g., if the bid submission deadline is 18:00 hrs. on 25.08.2022, the online bid opening will be conducted on 28.08.2022. In case of the above date being a holiday, the bids will be opened on the next working day.

- 40.2 Documents (as mentioned in the previous clause) received after the bid submission deadline specified in the Bid Information Sheet shall be rejected and returned unopened, if super-scribed properly with address, to the bidder.

- 40.3 Subject to Clause 28 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 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.

- 40.4 The response to RfS submitted by the Bidder shall be scrutinized to establish Techno-Commercial eligibility as per the RfS.

41 Financial Bid Evaluation (Step 2)

- 41.1 In this step evaluations of Techno-Commercially Qualified Bids shall be done based on the “First Round Tariff”, quoted by the Bidder in the Electronic Form of Financial Bid. After this step, the shortlisted bidders shall be invited for the Reverse Auction.

- 41.2 Second Envelope (containing First Round Tariff) of only those bidders shall be opened whose technical bids are found to be qualified as per the RfS.

- 41.3 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).

- 41.4 In this step, evaluation will be carried out based on the tariff quoted by Bidders.
- 41.5 On completion of Techno-Commercial bid evaluation, if it is found that 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.
- 41.6 If the first-round 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.
- 41.7 All Bidders with same tariff shall be eligible for reverse auction round (provided their rank is equal to or less than nth Bidder as mentioned in Clause 42.2 of the RfS).
- 41.8 Ranking of bidders after Financial Bid Evaluation: Following illustrates an example of ranking of bidders after financial bid opening and evaluation

Bidder	Submitted Financial Bid (Tariff in ₹/ kWh)	Ranking
B1	₹ 2.10	L1
B2	₹ 2.20	L2
B3	₹ 2.30	L3
B4	₹ 2.30	L3
B5	₹ 2.43	L4
B6	₹ 2.60	L5
B7	₹ 2.65	L6

42 Reverse Auction (Step 3)

- 42.1 The reverse auction for the total tendered capacity shall be conducted on the portal <https://www.bharat-electronictender.com>, on the day as intimated by SECI to the eligible bidders. Rules of the auction process are brought out below, and are also contained in Annexure-C of the RfS. As part of submission of their response to RfS, the Bidders shall submit the scanned copy of Annexure-C of the RfS duly signed and stamped by the Authorized signatory, as an acceptance of the provisions contained therein,
- 42.2 The Total eligible bidders for the reverse auction shall be decided as mentioned below:

Assuming

T = Total Techno-Commercially Qualified Bidders, and

S_k = Cumulative capacity till the 'k'th serial number bidder (not the 'k'th rank bidder) after ranking is done in ascending order from L1 onwards

$S_E =$ (Eligible capacity for award)	(i) In case $S_T \leq 1200$ MW, $S_E = 0.8 \times S_T$ (ii) In case $S_T > 1200$ MW, $S_E = 0.8 \times S_T$ subject to maximum eligible capacity being 1200 MW.
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Total eligible Bidders for e-Reverse Auction

i. In case $(0.8 \times S_T) \leq 1200$ MW: all the techno-commercially qualified bidders whose financial bids are in line with the RfS provisions, will be shortlisted for e-RA. Accordingly, the no. of bidders shortlisted for e-RA, i.e., “n” = “T”.

ii. In case $(0.8 \times S_T) > 1200$ MW: The lowest ranked bidder, i.e. the bidder quoting the highest tariff (the “H1 bidder”) shall be eliminated at this stage, and the remaining techno-commercially qualified bidders whose financial bids are in line with the RfS provisions, will be shortlisted for e-RA. Accordingly, the no. of bidders shortlisted for e-RA, i.e., “n” = “T”-1

Note:

(a) In case more than one bidder is ranked as “H1” bidder, i.e., such bidders are at the same tariff, all such bidders will be eliminated at this stage.

(b) The above elimination will take place subject to the condition that the total bid capacity after such elimination remains more than 1200 MW. In the contradictory scenario, no elimination will take place at this stage.

For e.g. (Shortlisting of Bidders for reverse auction):

Scenario-1: Total bid capacity of techno-commercially shortlisted bidders = $S_T = 2750$ MW

S. No.	Techno commercially qualified Bidder	Rank	Capacity (MW)	T	S_E	$(0.8 \times S_T)$	n	Shortlisted Bidders
1	B8	L1	600	8	1200 MW	2200 MW	7*	B8
2	B5	L2	300					B5
3	B1	L3	300					B1
4	B4	L3	250					B4
5	B2	L4	300					B2
6	B3	L5	500					B3
7	B7	L6	200					B7
8	B6	L7	300					

* $n = 8 - 1 = 7$ as per the above formula.

Scenario-2: Total bid capacity of techno-commercially shortlisted bidders= $S_T=1500$ MW

S. No.	Techno commercially qualified Bidder	Rank	Capacity (MW)	T	S _E	(0.8x S _T)	n	Shortlisted Bidders
1	B3	L1	300	4	1200 MW	1200 MW	4	B8
2	B2	L2	600					B5
3	B1	L3	200					B1
4	B4	L4	400					B4

* n = 4 as per the above formula

42.3 At least one week prior to reverse auction, an advance intimation regarding the date and time of the reverse auction will be sent by e-mail to all the bidders whose technical bids have been opened and found to be qualified. However, from this advance intimation it shall not be construed by the bidders that they have been shortlisted for e-Reverse Auction. Further, at least two hours before the scheduled start time of e-Reverse Auction, a system generated email for invitation for Reverse Auction will be sent to all those bidders only who have been shortlisted based on the criteria mentioned at Clause 42.2 above.

42.4 Shortlisted bidders for Reverse Auction will be able to login into the ISN-ETS portal of reverse auction 15 minutes before the start time of reverse auction.

- i. During the 15 minutes prior to start of reverse auction process, the respective tariff of the bidder shall be displayed on its window.
- ii. The minimum decrement value for tariff shall be INR 0.01 per kWh. The Bidder can mention its revised discounted tariff which has to be at least 01 (One) Paisa less than its current tariff.
- iii. Bidders can only quote any value lower than their previous quoted tariff taking into consideration the minimum decrement value mentioned in the previous clause. However, at any stage, increase in tariff will not be permissible. Bidders can improve their ranking by quoting the tariff lower than their last quoted tariff.
- iv. During reverse auction, the Bidder shall not have the option of changing the total project capacity while quoting tariff during reverse auction.
- v. In the bidder's bidding window, the following information can be viewed by the bidder:
 - i. Its tariff as the initial start price and there after last quoted tariff along with the project capacity for which the Bidder is qualified.
 - ii. The list of all the Bidders with their following details: Pseudo Identity, last quoted tariff and project capacity
- vi. The initial auction period will be of 30 (thirty) minutes with a provision of auto extension by 8 (eight) minutes from the scheduled/ extended closing time. Such auto extension shall be effected if by way of reduction in tariff, a Bidder causes a change in its zonal placement at that instant. The 'zones' are as defined below:
 - i. Green Zone: This zone consists of the Bidders who may be allocated their full quoted Project capacity, subject to provisions of Clause 43, if the auction is closed at that instant.

- ii. Yellow Zone: This zone consists of the Bidders who may be allocated a part of their full quoted Project capacity, subject to provisions of Clause 43, if the auction is closed at that instant.
- iii. Red Zone: This zone consists of the Bidders who will not be awarded their quoted Project capacity if the auction is closed at that instant.

If no such change as described above is effected during the last 8 minutes of auction period or extended auction period, then the reverse auction process will automatically get closed.

43 Selection of Successful Bidders

- 43.1 Subsequent to conclusion of the e-RA process, the bidders in the “Green” and “Yellow” zones as per Clause 42.4(vi) above, will be listed in the increasing order of the tariffs discovered at the end of e-RA.
- 43.2 The bidders who fall within the range of (and including) the lowest tariff (L1 tariff) + 2% of the L1 tariff-hereinafter referred to as “the range”- will be declared as Successful Bidders under the RfS, subject to the following conditions:
 - i. In case the cumulative capacity shortlisted as per the range exceeds S_E (capacity eligible for award as per Clause 42.2), the list of Successful Bidders shall be limited by S_E .
 - ii. In a borderline case, i.e., the scenario wherein more than one bidder is eligible to be declared as Successful Bidder at the highest tariff (the tariff at the end of the range), and the cumulative capacity exceeds S_E , time stamping of bidders shall be used to limit allocation of cumulative capacity up to S_E . In such cases, those bidders who are at the same tariff, but they are ranked lower than the ones which fall within the cumulative capacity limit of S_E , will not be eligible to be declared as Successful Bidders.

In other words, in every possible scenario, the total capacity to be awarded under the RfS shall be limited to S_E .

- iii. Time stamping- In case of a tie among two or more Bidders (i.e., their last quoted tariff being the same), they will be considered in the chronological order of their last quoted tariff during the e-RA with preference to be given to that Bidder who has quoted his last tariff during the e-RA, earlier than others.
- iv. In the above case, if the time of quote also becomes exactly same among the Bidders at a tie, then the ranking among these Bidders shall be done as follows:
 - Step 1: Lowest rank will be given to the Bidder who has quoted the lowest in Financial Bid (Electronic Form) and so on. If there is also a tie among any of these bidders, then the following step (Step 2) will be followed.
 - Step 2: Ranking will be done based on draw of lots.

43.3 **Illustration:** Following example provides a possible illustration of the above methodology:

- L1 tariff discovered after e-RA: Rs. 2.50/kWh
- The range (L1+2% of L1): Rs. 2.55/kWh

Rank	Quoted Capacity (MW)	Cumulative Capacity (MW)	Time stamp	Tariff (INR/kWh)	Qualified as Successful Bidder
L1	100	100	NA	2.50	L1
L2	200	300	NA	2.51	L2
L2	100	400	NA	2.51	L2
L3	100	500	NA	2.53	L3
L4	200	700	NA	2.54	L4
L5	400	1100	16:00:01	2.55	L5
L5	300	1400	16:00:02	2.55	L5
L5	100	1500	16:00:03	2.55	---
L6	200	1700	NA	2.56	---
L7	300	2000	NA	2.60	---

43.4 Note: The allocation of cumulative project capacity shall be closed at S_E . However, in no case, shall the capacity of a single Project selected under this RfS, be less than 50 MW. In case of the last Successful Bidder, if the balance project capacity is less than the total capacity mentioned by the Bidder but greater than 50 MW, then the Project with highest preference (as mentioned in the Covering Letter) shall be awarded to the Bidder, subject to the maximum cumulative capacity not exceeding S_E , being awarded under the RfS.

In case the partial capacity offered to the last Successful Bidder as per Cl. 43.2 above, is lower than 50% of the total quoted capacity by such Bidder, the Bidder shall have an option to refuse such offered partial capacity. Such refusal shall be intimated to SECI within 7 days of completion of e-RA and not later than 7 days of issuance of LOAs by SECI, failing which, the awarded capacity shall be deemed to be accepted by the said Bidder.

In case the partial capacity offered to the last Successful Bidder as per Cl. 43.2 above, is greater than or equal to 50% of the total quoted capacity by such Bidder, it shall be mandatory for the last Bidder to accept the partial capacity offered against its quoted capacity, subject to the total cumulative capacity awarded under the RfS not exceeding S_E . In case the last Successful Bidder refuses to accept such partial capacity offered by SECI, the Bank Guarantee(s)/ Payment on Order Instrument(s) against EMD submitted by such Bidder shall be encashed by SECI.

44 Issuance of LoAs

At the end of selection process, a Letter of Award (LoA) will be issued to the successful Bidders for each Project. In case of a Consortium being selected as the successful Bidder, the LoA shall be issued to the Lead Member of the Consortium.

In case SECI is unable to find buyers/off-takers for the tariffs as discovered after the bidding process, SECI reserves the right to annul the bid process without any financial implications to any of the parties concerned. In all cases, SECI's decision regarding selection of Bidder through Reverse Auction or other- wise based on tariff or annulment of tender process shall be final and binding on all participating Bidders.

In case SECI is not able to enter into a PSA to sell power from the awarded Projects to Discoms or bulk consumers within 6 months from issuance of LoAs, those Projects will be liable to be cancelled.

In case of a mismatch between the total capacity for which PSA has been signed until the above deadline, and the total capacity eligible for signing of PPAs, preference will be given to first sign the PPA with the L1 bidder (as discovered after e-RA), for its respective awarded capacity, followed by the L2 bidder, and so on, until the cumulative PPA signing capacity is achieved. In case of any ties, the procedure as per Cl. 43.2.iv. above, will be followed.

For a particular bidder, in case the finally modified capacity offered by SECI for signing of PPA is lower than the capacity for which the LoA was issued to the said Bidder, the respective Bidder may choose to reject such modified capacity, and will be allowed to exit the process. In case such offered partial capacity for signing of PPA is less than 50 MW, PPA will not be executed with such Bidder.

SECTION 6. DEFINITIONS OF TERMS

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

- 45.1 **"ACT" or "ELECTRICITY ACT, 2003"** shall mean the Electricity Act, 2003 and include any modifications, amendments and substitution from time to time.
- 45.2 **"AFFILIATE"** shall mean a company that, directly or indirectly,
- i. controls, or
 - ii. is controlled by, or
 - iii. is 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 to the Board of Directors.
- 45.3 **"APPROPRIATE COMMISSION"** shall mean as defined in the PPA.
- 45.4 **"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 as part of its response to the RfS issued by SECI.
- 45.5 **"BIDDER"** shall mean Bidding Company (including a foreign 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; foreign companies participating in the bidding process shall be registered as companies as per the rules of their country of origin.
- 45.6 **"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.
- 45.7 **"BID CAPACITY"** shall mean aggregate project capacity of the Wind-Solar Hybrid Power Project(s) with assured peak power supply, as proposed by the bidder.
- 45.8 **"BUYING ENTITY"** shall mean any Discom that requires Wind-Solar Hybrid Power to fulfil its Wind and other RPO and Storage Purchase Obligation under respective RPO regulations.
- 45.9 **"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.

45.10 **“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.

45.11 **“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.

45.12 **“COMMERCIAL OPERATION DATE (COD)”** shall mean the date as defined in Clause 24 of the RfS.

45.13 **“CONTRACTED CAPACITY”** shall mean the AC capacity in MW contracted with SECI for supply of power by the HPD to SECI at the Delivery Point from the Project, based on which the PPA is executed with SECI.

45.14 **“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 the PPA.

45.15 **“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.

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

45.17 **“CENTRAL TRANSMISSION UTILITY (CTU)”** shall mean the Central Transmission Utility as defined in sub-section (10) of section 2 of the Electricity Act 2003.

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

45.19 **“EFFECTIVE DATE”** shall mean the date as on 90th day from the date of issuance of Letter of Award, or the date of signing of PPA (as applicable), which shall be indicated in the Power Purchase Agreement (PPA) executed by both the parties.

45.20 **“ENERGY STORAGE SYSTEMS” or “ESS”** shall mean the system(s) installed in addition to the solar PV and wind power capacity as part of the Project, that can capture energy produced at one time for use at a later time.

- 45.21 **“EQUITY”** shall mean Net Worth as defined in Companies Act, 2013.
- 45.22 **“FINANCIAL CLOSURE”** or **“PROJECT FINANCING ARRANGEMENTS”** means arrangement of necessary funds by the HPD towards 100% Project Cost either by way of commitment of funds by the Company from its internal resources and/or tie up of funds through a bank/ financial institution by way of sanction of a loan or letter agreeing to finance;
- 45.23 **“GUIDELINES”** shall the Guidelines for Tariff Based Competitive Bidding Process for procurement of power from Grid Connected Wind Solar Hybrid Projects” issued by the Ministry of New and Renewable Energy vide F. No. 238/78/2017-Wind dated 14.10.2020, including subsequent amendments and clarifications, if any, issued until the last date of bid submission of this RfS.
- 45.24 **“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.

- 45.25 **“INTER-CONNECTION POINT/ DELIVERY/ METERING POINT”** shall mean a single point or multiple points at 220 kV or above, where the power from the Project(s) is injected into the identified ISTS substation (including the dedicated transmission line connecting the Projects/ individual components with the substation system) as specified in the RfS document. Metering shall be done at this interconnection point where the power will be injected into. For interconnection with grid and metering, the HPDs shall abide by the relevant CERC Regulations, Grid Code, and Central Electricity Authority Regulations as amended from time to time;

- 45.26 **“INTERMEDIARY PROCURER”** shall mean a trader who shall aggregate the power purchased from different RE Projects and sell it to the distribution licensee(s).
- 45.27 **“INTERESTED PARTIES”** shall mean a situation where control is equally distributed among interested parties in the Group Company or Bidding Consortium;
- 45.28 **“InSTS”** means Intra-State Transmission System.
- 45.29 **“ISTS”** means Inter-State Transmission System.
- 45.30 **“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).
- 45.31 **“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, which cannot be changed till one year from the Commercial Operation Date (COD) of the Project;

Note: The shareholding of the Lead member in the Project Company (Special Purpose Vehicle) cannot be changed till 01 (one) year after the Commercial Operation Date (COD) of the Project.
- 45.32 **“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 Project.
- 45.33 **“LIMITED LIABILITY PARTNERSHIP”** or **“LLP”** shall mean a Company governed by Limited Liability Partnership Act 2008 or as amended.
- 45.34 **“LLC”** shall mean Limited Liability Company.
- 45.35 **“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.
- 45.36 **“MONTH”** shall mean calendar month.
- 45.37 **“NET-WORTH”** shall mean the Net-Worth as defined in section 2 of the Companies Act, 2013.
- 45.38 **“PAID-UP SHARE CAPITAL”** shall mean the paid-up share capital as defined in Section 2 of the Companies Act, 2013.
- 45.39 **“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.
- 45.40 **“PEAK HOURS”** shall mean the energy scheduling hours in a day as chosen by the Buying Entity for supply of peak power from the Project. For the purpose of scheduling, a ‘day’ shall commence from 00:00 hrs. and end at 24:00 hrs.
- 45.41 **“PEAK POWER”** shall mean the power supplied from the Project during Peak Hours.

- 45.42 **“POOLING SUBSTATION/POOLING POINT”** shall mean a point where more than one hybrid power projects may connect to a common transmission system. Multiple projects can be connected to a pooling substation from where common transmission system shall be constructed and maintained by the HPD(s) to get connected to the ISTS substation. The voltage level for such common line shall be 220 kV and above. Further, the metering of the pooled power shall be done at the injection point, i.e., the ISTS substation. However, the voltage level of transmission system of individual Hybrid Power Projects up to the pooling substation shall be at 33 kV or above. Sub-meters shall be installed at the pooling substation for metering and forecasting and scheduling of individual projects. The losses in the common transmission system up to the injection point shall be apportioned to the individual projects for the purpose of billing.
- 45.43 **“PGCIL”** or **“POWERGRID”** shall mean Powergrid Corporation of India Limited.
- 45.44 **“PPA”** shall mean the Power Purchase Agreement signed between the successful Bidder and SECI according to the terms and conditions of the standard PPA enclosed with this RfS.
- 45.45 **“PSA”** shall mean the Power Sale Agreement signed between SECI and Buying Entity according to the terms and conditions of the standard PSA enclosed with this RfS.
- 45.46 **“PROJECT”** or **“HYBRID POWER PROJECT”** or **“POWER PROJECT”** shall mean the Solar PV and Wind Power generation facilities, where the rated power capacity of one resource (wind or solar PV) is at least 33% of the total Contracted Capacity, having a single point of injection into the grid at Interconnection/ Delivery/ Metering Point, or in case of sharing of transmission lines, by separate injection at Pooling Point and having control systems and metering. The Project shall include all units/ modules and auxiliaries and associated facilities, bay(s) for transmission system in the switchyard, dedicated transmission line up to the Delivery Point and all the other assets, buildings/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 to SECI
- 45.47 **“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.
- 45.48 **“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 RfS/ PPA.
- 45.49 **“PROJECT DEVELOPER”** or **“DEVELOPER”** or **“HYBRID POWER DEVELOPER (HPD)”** or **“WIND-SOLAR HYBRID POWER DEVELOPER”** 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), including the SPV formed by the selected bidder/ consortium for the purpose of setting up of the Project and signing of PPA with SECI.

- 45.50 **“PROJECT LOCATION”** shall mean the area identified by the HPD, comprising village(s), Tehsil(s)/Taluk(s) and District(s) within a State, where the Project is being implemented.
- 45.51 **“PROMOTER”** shall mean Promoter as defined in the Companies Act, 2013.
- 45.52 **“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 and standard Power Sale Agreement along with subsequent clarifications and amendments thereof, vide RfS No. SECI/C&P/IPP/13/0007/22-23 dated 02.11.2022.
- 45.53 **“SUB-POOLING SUBSTATION”** shall mean the intermediate pooling point where power from the Solar and Wind Project components of the Hybrid Power Project is injected into and from where the hybrid power is evacuated through a single transmission line and injected into the Interconnection Point.
- 45.54 **“SCHEDULED COMMISSIONING DATE”** or **“SCD”** shall be the date as indicated in Clause 9 of the RfS.
- 45.55 **“SECI”** shall mean Solar Energy Corporation of India Limited.
- 45.56 **“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.
- 45.57 **“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.
- 45.58 **“STATE TRANSMISSION UTILITY (STU)”** shall mean the Board or the Government Company notified by the respective State Government under Sub-Section I of Section 39 of the Electricity Act, 2003.
- 45.59 **“TOE”** shall mean Tender Opening Event.
- 45.60 **“TRADING MARGIN”** shall mean the margin on sale of Wind-Solar Hybrid Power to State Utilities/ Discoms/ other Bulk Consumers under this RfS being charged by SECI and shall be @ INR 0.07/kWh.
- 45.61 **“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.
- 45.62 **“WEEK”** shall mean calendar week;
- 45.63 **“WIND POWER PROJECT”** means the wind power project that uses wind energy for conversion into electricity through wind turbine generator.

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 SECI, 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 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 is 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 1200 MW, including this response to RfS.

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

Project No.	Capacity (MW)	Location of Project (Village, Tehsil, Dist., State)	Interconnection Point Details	Proposed CUF	Project Preference*
	<p>_____ MW</p> <p>(Solar- _____ MW, Wind- _____ MW) (ESS- _____ MW/MWh)</p>				

**The preferences of the Projects shall be considered only for the last successful bidder whose total quoted capacity is more than the balance capacity. In this case, allocation will be done as described in Clause 43.4 of the RfS.*

1. We give our unconditional acceptance to the RfS, dated [Insert date in dd/mm/yyyy], standard PPA and PSA documents attached thereto, issued by SECI. In token of our acceptance to the RfS, PPA and PSA documents 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. We further undertake that we shall demonstrate possession of 100% area of the identified land, within the timelines as per the RfS.
2. Earnest Money Deposit (EMD):- (Please read Clause 17 carefully before filling)

We have enclosed EMD of INR (Insert Amount), in the form of Bank Guarantee/Payment on Order Instrument no..... [Insert bank guarantee/POI number] dated [Insert date of bank guarantee/POI] as per Format 7.3A/7.3B from [Insert name of bank providing bank guarantee/POI issuing agency] and valid up to.....in terms of Clause No. 17 of this RfS. The total capacity of the Hybrid Project 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(s) get selected and we are not able to submit Bank Guarantee/POI of the requisite value(s) towards PBG, Success charge for the selected Projects, within due time as mentioned in Clause Nos. 18 & 19 of this RfS on issue of LoA by SECI for the selected Projects and/ or we are not able to sign PPA with SECI within the timeline as stipulated in the RfS for the selected Projects, SECI shall have the right to encash the EMD 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. We hereby declare that during the selection process, in the event our bid happens to be the last bid in the list of successful bids and SECI offers a capacity which is greater than or equal to 50% of our quoted capacity due to overall bid capacity limit, we shall accept such offered capacity.
6. 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 according to our preference order as above and in line with the provisions of the RfS, shall be binding on us.
7. 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, in the event of our selection as Successful Bidder.
8. 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.
9. We are submitting our response to the RfS with formats duly signed as desired by you in the RfS online for your consideration.
10. 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.
11. 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.
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 upto 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. :
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 a seller's 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.

FORMAT FOR POWER OF ATTORNEY

(Applicable Only in case of Consortium)

*(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 ofand having its Registered/ Head Office atas 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 ofunder 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 Selection of Hybrid Power Developers for Setting up of 1200 MW ISTS-Connected Wind-Solar Hybrid Power projects with assured peak power supply in India under Tariff-based Competitive Bidding (Tranche-VI) of the cumulative capacity of MW [*Insert cumulative Project capacity proposed*] for supply of power there from on long term basis, 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. 11.46 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 No. 17 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 No. 17 of this RfS*]. SECI shall be entitled to invoke this Guarantee till _____ [*insert date of validity in accordance with Clause No. 17 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 No. 17 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 Setting up of 1200 MW ISTS-Connected Wind-Solar Hybrid Power Projects with assured Peak Power Supply (Tranche-VI) of the cumulative capacity of MW [*Insert cumulative Project capacity proposed*] for supply of power there from on long term basis, 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. 11.46 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 of 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/HPD, to make any claim against or any demand against the SPV/HPD or to give any notice to the SPV/HPD;
 - (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/HPD;
 - (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 Hybrid Power Developer' or 'HPD') 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, 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 Hybrid Power Developer and issuing Letter of Award No. _____ to _____ (*Insert Name of selected Hybrid Power Developer*) as per terms of RfS and the same having been accepted by the selected HPD resulting in a Power Purchase Agreement (PPA) to be entered into, for purchase of Power [from selected Hybrid 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 SECI at [*Insert Name of the Place from the address of the SECI*] forthwith on demand in writing from SECI 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 Hybrid 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..... SECI shall be entitled to invoke this Guarantee till

The Guarantor Bank hereby agrees and acknowledges that 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 selected Hybrid Power Developer/ Project Company as applicable*] 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 selected Hybrid Power Developer/ Project Company, to make any claim against or any demand on the selected Hybrid Power Developer/ Project Company or to give any notice to the selected Hybrid Power Developer/ Project Company or to enforce any security held by SECI or to exercise, levy or enforce any distress, diligence or other process against the selected Hybrid Power Developer/ Project Company.

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.

The Guarantor Bank acknowledges that this BANK GUARANTEE is not personal to SECI and may be assigned, in whole or in part, (whether absolutely or by way of security) by SECI to any entity to whom SECI 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 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__

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 OF PAYMENT ON ORDER INSTRUMENT TO BE ISSUED BY
IREDA/REC/PFC (IN LIEU OF PBG)**

No. _____ Date _____
SECI, _____ Registered _____
_____,

Reg: M/s _____ (insert name of the PPA signing entity) (Project No. _____ (insert project ID issued by SECI) – Issuance of Payment on Order Instrument for an amount of Rs. _____

Dear Sir,

7. 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.
8. At the request of M/s _____, on behalf of _____ (insert name of the SPV), this Payment on Order Instrument (POI) for an amount of Rs. _____ (Rupees _____ (in words)). This Payment on Order Instrument comes into force immediately.
9. In consideration of the ----- [Insert name of the Bidder] (hereinafter referred to as selected Hybrid Power Developer') submitting the response to RfS inter alia for selection of Contracted Capacity of MW, at[Insert name of the place] under RfS for _____ (insert name of the RfS), for supply of power there from on long term basis, in response to the RfS dated..... issued by Solar Energy Corporation of India Ltd (hereinafter referred to as SECI) and SECI considering such response to the RfS of[insert the name of the selected Hybrid Power Developer] (which expression shall unless repugnant to the context or meaning thereof include its executors, administrators, successors and assignees) and selecting the Wind-Solar Hybrid Power Project of the Hybrid Power Developer (HPD) and issuing Letter of Award No ----- to (Insert Name of selected Hybrid Power Developer) as per terms of RfS and the same having been accepted by the selected HPD resulting in a Power Purchase Agreement (PPA) to be entered into, for purchase of Power [from selected Hybrid 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 IREDA/PFC/REC] hereby agrees unequivocally, irrevocably and unconditionally to pay to SECI at [Insert Name of the Place from the address of the SECI] forthwith on demand in writing from SECI or any Officer authorized by it in this behalf, any amount up to and not exceeding Rupees----- [Total Value] only, on behalf of M/s _____ [Insert name of the selected Hybrid Power Developer / Project Company].

10. 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:-
- (i) 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;
 - (j) 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;
 - (k) 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;
 - (l) 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.;
 - (m) This Payment of Order Instrument can be invoked either partially or fully, till the date of validity;
 - (n) 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/HPD, to make any claim against or any demand against the SPV/HPD or to give any notice to the SPV/HPD;
 - (o) 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/HPD;
 - (p) 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;
11. 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.

12. 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 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]***

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 SECI 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. The Lead Member, on behalf of the Consortium, shall inter alia undertake full responsibility for liaising with Lenders or through internal accruals and mobilizing debt resources for the Project, and ensuring that the Seller achieves Financial Closure in terms of the PPA.
7. 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.
8. 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.
9. 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.

10. 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.
11. 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 SECI in terms of the RfS.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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-----

2) Signature -----

Name:

Name:

Address:

Address:

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

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

Witnesses:

1) Signature -----

2) Signature -----

Name:

Name:

Address:

Address:

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

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

Witnesses:

1) Signature -----

(2) Signature -----

Name:

Name:

Address:

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, i.e., 2021-22 or as on the date at least 7 days prior to the bid submission deadline (Strike our wherever not applicable).

This Net Worth has been calculated in accordance with instructions provided in Clause 38.1 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 Annual Turnover Criteria, by demonstrating an Annual Turnover of INR _____ (_____ in words) as on the end of Financial Year, i.e., 2021-22 or as on the day at least 7 days prior to the bid submission deadline (choose one). (Strike out if not applicable)

Exhibit (i): Applicable in case of Bidding Company

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

Annual Turnover 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 Annual Turnover 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)	Equity Commitment (in %age) in Bidding Consortium	Proportionate Annual Turnover (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 Profit Before Depreciation Interest and Taxes (PBDIT) criteria, by demonstrating a PBDIT of INR _____ (in words) as on the end of Financial Year, i.e., 2021-22 or as on the day at least 7 days prior to the bid submission deadline. (Strike out if not applicable)

Exhibit (i): Applicable in case of Bidding Company

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

Name of Bidding Company	Name of Affiliate(s) whose PBDIT is to be considered	Relationship with Bidding Company*	PBDIT (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]**

PBDIT 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 PBDIT by Member in Bidding Consortium and/ or its Affiliate(s) as per following details:

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

(iii) In case of the Bidder choosing to meet the Liquidity criteria through an In-principle sanction letter, such document shall be separately submitted by the bidder as part of the bidder's Response to RfS.

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

(Enter address of SECI)

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. _____ 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 and confirm that in terms of the definitions of the RfS, M/s _____ *(enter name of the Promoter/Promoters)* is/are our Promoter(s), and has/have a direct/indirect Control in the bidding company as per the Companies Act 2013. No other entity has a direct/indirect control in the bidding company except the entity(ies) mentioned above.

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 36.4 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 and confirm that in terms of the definitions of the RfS, M/s _____ (enter name of the Promoter/Promoters) is/are our Promoter(s), and has/have a direct/indirect Control in the bidding company as per the Companies Act 2013. No other entity has a direct/indirect control in the bidding company except the entity(ies) mentioned above.

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 36.4 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 RfS No datedfor the tender
for

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,

Encl: OM dated 23.07.2020, as referred above.

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

RfS for 1200 MW ISTS-connected Wind-Solar Hybrid Power Projects (Tranche-VI)	<u>RfS No. SECI/C&P/IPP/13/0007/22-23</u>	<u>Page 95 of 122</u>
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FORMAT FOR TECHNICAL CRITERIA

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

(To be Submitted Separately for each Project)

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 undertake to certify in line with **Clause 22** under the title “Financial Closure” that the following details shall be furnished within **12 (Twelve) months** from Effective Date of the PPA.

- 1.0 Evidence of achieving complete-tie-up of the Project Cost through internal accruals or through a Financing Agency.
- 2.0 Details of all planned/proposed solar panels, inverters and wind turbine generators, along with necessary purchase order/agreements for the project, along with the rated capacity of any storage facility, if proposed at the Project site.
- 3.0 Any other details sought as per the checklist communicated by SECI.

Failure or delay on our part in achieving the above conditions shall constitute sufficient grounds for actions as per the provisions of the RfS.

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 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/ our firm for _____ number of Project(s) for a cumulative capacity of ____ MW in India as Bidder for the above.

I/We agree that this offer shall remain valid for a period upto the date as on 12 months from the due date of submission of the response to RfS 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 all the projects applied for. 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. *The Financial bid is not to be mentioned anywhere other than the Electronic Form and only the financial bid mentioned in the electronic form will be considered for further evaluation*

(This format is for reference purpose only. The scanned version of the format, duly signed by SECI's authorized signatory, is available on the ETS portal as addendum to the RfS. Bidders are required to submit signed and scanned copy of the document available on ETS portal)

INTEGRITY PACT

Between

Solar Energy Corporation of India

having its Registered Office at 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023, India

hereinafter referred to as

"SECI",

and

[Insert the name of the Sole Bidder/all members of the of Joint Venture/Consortium]

having its Registered Office at _____

(Insert full Address/Lead member address in case of Joint Venture/Consortium)

and

[Insert the name of all members of the Joint Venture/Consortium, as applicable]

having its Registered Office at _____

(Insert full Address/ Lead member address in case of Joint Venture/Consortium)

hereinafter referred to as

"The Bidder/Contractor"

Preamble

SECI intends to award, under laid-down organisational procedures, contract(s) for _____ *[Insert the name of the tender/package]* _____

Package and NIT Number _____ SECI values full compliance with all *[Insert Specification Number of the package]* relevant laws and regulations, and the principles of economical use of resources, and of fairness and transparency in its relations with

its Bidders/ Contractors.

In order to achieve these goals, SECI and the above-named Bidder/Contractor enter into this agreement called '**Integrity Pact**' which will form an integral part of the bid.

It is hereby agreed by and between the parties as under:

Section I - Commitments of SECI

- (1) SECI commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a) No employee of SECI, personally or through family members, will in connection with the tender, or the execution of the contract, demand, take a promise for or accept, for him/herself or third person, any material or other benefit which he/she is not legally entitled to.
 - b) SECI will, during the tender process treat all Bidder(s) with equity and fairness. SECI will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - (c) SECI will exclude from evaluation of Bids its such employee(s) who has any personal interest in the Companies/Agencies participating in the Bidding/Tendering process
- (2) If Managing Director obtains information on the conduct of any employee of SECI which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a substantive suspicion in this regard, he will inform its Chief Vigilance Officer and in addition can initiate disciplinary actions under its Rules.

Section II - Commitments of the Bidder/Contractor

- (1) The Bidder/Contractor commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution:
 - a) The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to SECI, or to any of SECI's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange an advantage during the tender process or the execution of the contract.
 - b) The Bidder/Contractor shall not enter into any agreement/ arrangement/ understanding/ action in concert, whether or not the same is formal or in writing with other Bidders/Contractors. This applies in particular to agreements pertaining to prices, territorial or geographical allocations of market, specifications, certifications, subsidiary contracts, submission or non-submission of bids, bid rigging or other actions restricting competitiveness or

leading to cartelization in the bidding process or amounting to any other violation under the Competition Laws for the time being in force.

- c) The Bidder/Contractor will not commit any criminal offence under the relevant Anti-corruption Laws of India; further, the Bidder/Contractor will not use for illegitimate purposes or for purposes of restrictive competition or personal gain, or pass on to others, any information provided by SECI as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d) Bidders will not pass any information provided by Principal as part of business relationship to others and not to commit any offence under PC/ IPC Act
 - e) The Bidder/Contractor of foreign origin shall disclose the name and address of the Agents/representatives in India, if any, involved directly or indirectly in the Bidding. Similarly, the Bidder/Contractor of Indian Nationality shall furnish the name and address of the foreign principals, if any, involved directly or indirectly in the Bidding.
 - f) The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, or committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and/or with the execution of the contract.
 - g) The Bidder/Contractor will not misrepresent facts or furnish false/forged documents/information in order to influence the bidding process or the execution of the contract to the detriment of SECI.
- (2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section III- Disqualification from tender process and exclusion from future contracts

- (1) If the Bidder, before contract award, has committed a serious transgression through a violation of Section II or in any other form such as to put his reliability or credibility as Bidder into question, SECI may disqualify the Bidder from the tender process or terminate the contract, if already signed, for such reason.
- (2) If the Bidder/Contractor has committed a serious transgression through a violation of Section II such as to put his reliability or credibility into question, SECI may after following due procedures also exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressors within the company hierarchy of the Bidder/Contractor and the amount of the damage. The exclusion will be imposed for a minimum of 12 months and maximum of 36 months.
- (3) If the Bidder/Contractor can prove that he has restored/recouped the damage caused by him and has installed a suitable corruption prevention system, SECI may revoke the

exclusion prematurely. However, decision of SECI in this regard shall be final and binding on the bidder/Contractor.

Section IV - Liability for violation of Integrity Pact

- (1) If SECI has disqualified the Bidder from the tender process prior to the award under Section III, SECI may forfeit the applicable Bid Security/Earnest Money Deposit under the Bid.
- (2) If SECI has terminated the contract under Section III, SECI may forfeit the Contract Performance Security of this contract besides resorting to other remedies under the contract.

Section V- Previous Transgression

- (1) The Bidder shall declare in his Bid that no previous transgressions occurred in the last 3 years with any other Public Sector Undertaking or Government Department that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section VI - Equal treatment to all Bidders / Contractors

- (1) SECI will enter into agreements with identical conditions as this one with all Bidders.
- (2) SECI will disqualify from the tender process any bidder who does not sign this Pact or violate its provisions.

Section VII - Punitive Action against violating Bidders / Contractors

If SECI obtains knowledge of conduct of a Bidder or a Contractor or his subcontractor or of an employee or a representative or an associate of a Bidder or Contractor or his Subcontractor which constitutes corruption, or if SECI has substantive suspicion in this regard, SECI will inform the Chief Vigilance Officer (CVO).

Nothing mentioned hereinabove may deem to restrict the right of SECI, in case of a suspected violation of Section II, Clause (1) (b) by the Bidders/ contractors to initiate necessary action under the Competition Laws for the time being in force.

(* Section VIII - Independent External Monitor/Monitors

- (1) SECI has appointed a panel of Independent External Monitors (IEMs) for this Pact with the approval of Central Vigilance Commission (CVC), Government of India, details of which has been indicated in the tender document.
- (2) The IEM is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement. He has right of access to all project documentation. The IEM may examine any complaint received by him and submit a report to Managing Director, SECI, at the earliest. He may also submit a report directly to the CVO and the CVC, in case of suspicion of serious irregularities attracting the provisions of the PC Act. However, for ensuring the desired transparency and

objectivity in dealing with the complaints arising out of any tendering process, the matter shall be referred to the full panel of IEMs, who would examine the records, conduct the investigations and submit report to Managing Director, SECI, giving joint findings.

- (3) The IEM is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Managing Director, SECI.
- (4) The Bidder(s)/Contractor(s) accepts that the IEM has the right to access without restriction to all documentation of SECI related to this contract including that provided by the Contractor/Bidder. The Bidder/Contractor will also grant the IEM, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his documentation. The same is applicable to Subcontractors. The IEM is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality.
- (5) SECI will provide to the IEM information as sought by him which could have an impact on the contractual relations between SECI and the Bidder/Contractor related to this contract.
- (6) As soon as the IEM notices, or believes to notice, a violation of this agreement, he will so inform the Managing Director, SECI and request the Managing Director, SECI to discontinue or take corrective action, or to take other relevant action. The IEM can in this regard submit non-binding recommendations. Beyond this, the IEM has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the IEM shall give an opportunity to SECI and the Bidder/Contractor, as deemed fit, to present its case before making its recommendations to SECI.
- (7) The IEM will submit a written report to the Managing Director, SECI within 8 to 10 weeks from the date of reference or intimation to him by SECI and, should the occasion arise, submit proposals for correcting problematic situations.
- (8) If the IEM has reported to the Managing Director, SECI, a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Managing Director, SECI has not, within the reasonable time taken visible action to proceed against such offence or reported it to the CVO, the Monitor may also transmit this information directly to the CVC, Government of India.
- (9) The word 'IEM' would include both singular and plural.
- (*) *This Section shall be applicable for only those packages wherein the IEMs have been identified in Section – I: Invitation for Bids and/or Clause ITB ... in Section – III: Bid Data Sheets of Conditions of Contract, Section-3 of the RfS.*
- (10) A bidder/Contractor signing the IP shall not approach the Courts while representing the matters to IEMs and he will await till their decision in the matter.

Section IX - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor after the closure of the contract and for all other Bidder's six month after the contract has been awarded.

Section X - Other Provisions

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the establishment of SECI.
- (2) Changes and supplements as well as termination notices need to be made in writing.
- (3) If the Contractor is a partnership firm or a consortium or Joint Venture, this agreement must be signed by all partners, consortium members and Joint Venture partners.
- (4) Nothing in this agreement shall affect the rights of the parties available under the General Conditions of Contract (GCC) and Special Conditions of Contract (SCC) which are part of the Bidding Document.
- (5) Views expressed or suggestions/submissions made by the parties and the recommendations of the *CVO/IEM*[#] in respect of the violation of this agreement, shall not be relied on or introduced as evidence in the arbitral or judicial proceedings (arising out of the arbitral proceedings) by the parties in connection with the disputes/differences arising out of the subject contract.

CVO shall be applicable for packages wherein IEM are not identified in the bidding document IEM shall be applicable for packages wherein IEM are identified in the bidding document.
- (6) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(Signature) _____

(Signature) _____

(For & On behalf of SECI)

(For & On behalf of Bidder/ Partner(s) of Joint Venture/Consortium/ Contractor)

(Office Seal)

(Office Seal)

Name: _____

Name: _____

Designation: _____

Designation: _____

Witness 1 : _____

Witness 1 : _____

(Name & Address) _____

(Name & Address) _____

Witness 2 : _____

(Name & Address) _____

Witness 2 : _____

(Name & Address) _____

PRELIMINARY ESTIMATE OF COST OF WIND-SOLAR HYBRID POWER PROJECT

Project Capacity:MW
Location:

No standard break-up for the Project Cost, the Bidder shall indicate the break-up in terms of major components in the Hybrid Project.

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

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Signatory.

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

The Project selected under the RfS shall strictly adhere to the Central Electricity Authority (Technical Standards for Connectivity to the Grid) Regulations, 2007, as amended vide the Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019, and subsequent amendments and clarifications.

All components of the PV plant shall be in accordance with technical specifications given in relevant IS/ IEC Standards. The design and commissioning also shall be as per latest IS/ IEC standards. The following are some of the technical measures required to ensure quality of the major components used in grid connected solar power Projects.

1. SPV Modules

1.1 The SPV modules used in the grid solar power Projects must qualify to the latest edition of any of the following IEC PV module qualification test or equivalent BIS standards.

Crystalline Silicon Solar Cell Modules	IEC 61215
Thin Film Modules	IEC 61646
Concentrator PV modules	IEC 62108

1.2 In addition, SPV modules must qualify to IEC 61730 for safety qualification testing at 1000 V DC or higher. The modules to be used in a highly corrosive atmosphere throughout their lifetime must qualify to IEC 61701.

2. Power Conditioners/ Inverters

The Power Conditioners/Inverters of the SPV power plant must conform to the latest edition of IEC/ equivalent Standards as specified below:

Efficiency Measurements	IEC 61683
Environmental Testing	IEC 60068-2/ IEC 62093
Electromagnetic Compatibility (EMC)	IEC 61000-6-2, IEC 61000-6-4 & other relevant parts of IEC 61000
Electrical Safety	IEC 62103/ 62109-1&2
Anti-Islanding Protection	IEEE1547/IEC 62116/ UL1741 or equivalent BIS Standards

3. Other Sub-systems/Components

Other subsystems/components used in the SPV power plants (Cables, Connectors, Junction Boxes, Surge Protection Devices, etc.) must also conform to the relevant international/national Standards for Electrical Safety besides that for Quality required for ensuring Expected Service Life and Weather Resistance. It is recommended that the Cables of 600-1800 Volts DC for outdoor installations should comply with the BS EN 50618:2014/2pfg 1169/08.2007 for service life expectancy of 25 years.

4. Authorized Test Centers

The PV modules/Power Conditioners deployed in the power plants must have valid test certificates for their qualification as per above specified IEC/ BIS Standards by one of the NABL Accredited Test Centers in India. In case of module types like Thin Film and CPV / equipment for which such Test facilities may not exist in India at present, test certificates from reputed ILAC Member body accredited Labs abroad will be acceptable.

5. Warranty

PV modules used in grid connected solar power plants must be warranted for peak output wattage, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years.

- PV modules used in grid connected solar power plants must be warranted for peak output wattage, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years.
- The modules shall be warranted for at least 10 years for failures due to material defects and workmanship.
- The mechanical structures, electrical works and overall workmanship of the grid solar power plants must be warranted for a minimum of 5 years.
- The Inverters/ PCUs installed in the solar power plant must have a warranty for 5 years.

6. Identification and Traceability

Each PV module used in any solar power Project must use a RF identification tag. The following information must be mentioned in the RFID used on each module (This can be inside or outside the laminate, but must be able to withstand harsh environmental conditions):

- i. Name of the manufacturer of PV Module
- ii. Name of the Manufacturer of Solar cells
- iii. Month and year of the manufacture (separately for solar cells and module)
- iv. Country of origin (separately for solar cells and module)
- v. I-V curve for the module at Standard Test Condition (1000 W/m², AM 1.5, 25⁰C)
- vi. Wattage, I_m, V_m and FF for the module
- vii. Unique Serial No. and Model No. of the module
- viii. Date and year of obtaining IEC PV module qualification certificate
- ix. Name of the test lab issuing IEC certificate
- x. Other relevant information on traceability of solar cells and module as per ISO 9000.

Site owners would be required to maintain accessibility to the list of Module IDs along with the above parametric data for each module.

7. Performance Monitoring

All grid solar PV power projects must install necessary equipment to continuously measure solar radiation, ambient temperature, wind speed and other weather parameters

and simultaneously measure the generation of DC power as well as AC power generated from the plant.

They will be required to submit this data to Procurer and MNRE or any other designated agency on line and/or through a report on regular basis every month for the entire duration of PPA. In this regard they shall mandatorily also grant access to Procurer and MNRE or any other designated agency to the remote monitoring portal of the power plants on a 24X7 basis.

8. Safe Disposal of Solar PV Modules and unit Batteries from the ESS

The developers will comply with the requirements under Hazardous & other Waste (Management and Transboundary Movement) Rules, 2016, as amended from time to time, as applicable. They will also ensure that all Solar PV modules and ESS components, if any, from their plant after their ‘end of life’ (when they become defective/ non-operational/ nonrepairable) are disposed of in accordance with the “e-waste (Management and Handling) Rules, 2011” notified by the Government and as revised and amended from time to time.

9. Capacity of Solar PV Projects

- i) The rated capacity to be installed shall be considered as minimum DC Arrays Capacity and maximum AC Capacity at the delivery point as described below:

Sr. No.	Solar PV Project Capacity Bid	Minimum DC Arrays Capacity to be installed	Minimum Rated Inverter Capacity	Maximum AC Capacity Limit at Delivery point
1	50 MW	50 MW	50 MW	50 MW

- ii) Higher DC capacity arrays so as to achieve AC capacity limit as mentioned above for scheduling at the delivery point in compliance to Article 4.4 “Right to Contracted Capacity & Energy” of the PPA is allowed.
- iii) For commissioning of the Project, capacity of DC arrays installed shall be considered in multiple of 10 MW per unit. In case of part commissioning of 20 MW Project, each unit shall be required to have minimum 10 MW DC Arrays Capacity be installed.
- iv) Provisions of Article 4.6.1 of the PPA with RPD shall apply for the capacity not commissioned by the scheduled commissioning date.
- v) If generation at any time exceeds the maximum permissible AC capacity at delivery point, the excess generation during that period shall not be considered under PPA.

**SAFETY STANDARDS TO BE FOLLOWED FOR ENERGY STORAGE SYSTEMS
(AS APPLICABLE)****Battery Energy Storage Systems (BESS)**

Standard/ Code (or equivalent Indian Standards)	Description
IEC 61427-2	Secondary cells and batteries for renewable energy storage for On-grid applications
IEC 62485-2	Safety requirements for secondary batteries and battery installations - to meet requirements on safety aspects associated with the erection, use, inspection, maintenance and disposal: Non-chemistry Specific (applicable to all secondary battery types)
IEC 61508	Functional Safety of Electrical/Electronic/Programmable Electronic Safety-related Systems: Applicable for all Battery Energy Storage Systems
IEC 62133-1:2017	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 1: Nickel systems
IEC 62133-2 :2017	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems
IEC 62281/UN 38.3	Safety of primary and secondary lithium cells and batteries during transport: Applicable for storage systems using Lithium-ion chemistries
IEC 61850/ DNP3	Communications networks and management systems. (Plant SCADA and the BESS control system communication)
IEC TS 62933-5-1:2017	Electrical energy storage (EES) systems - Part 5-1: Safety considerations for grid-integrated EES systems - General specification

For other technologies being used in ESS, the Developer shall adhere to the relevant environmental and safety standards issued by Government of India from time to time.

CHECK LIST FOR FINANCIAL CLOSURE

(To be signed by the Authorized signatory of the HPD)

(RfS No. _____ dated _____)

Last Date for submission of documents related to Financial Closure – _____
(12 months from Effective Date of PPA)

Project Company Name _____

Project ID:- _____

LoA No. - _____ . Dtd. - _____

Effective Date of PPA - _____

Scheduled Commissioning Date: - _____

1.0 Financial Closure - (Clause 22 of the RfS, including subsequent amendments & clarifications)

Details	Presently given in PPA
Location	
Technology	
Certificate from all financial institutions	<p><u>In case of tie up through Bank / Financial Institutions: -</u></p> <p>Document from Bank / Financial Institutions certifying arrangement of necessary funds by way of sanction of Loan (to be enclosed as <u>Annexure-I</u>).</p> <p><u>In case of Internal Resources: -</u></p> <p>Copy of Board Resolution, Audited/Certified Balance sheet, Profit & Loss Account Statement, Bank Statement and Cash Flow Statement in support of availability of Internal resources of the Project Company and of the Company other than Project Company (in case the required funding will be raised from Company other than Project Company) (to be enclosed as <u>Annexure-I</u>).</p> <p><i>Performa for the cases where funding will be from Company other than Project Company is at 'B-I'.</i></p>

Note:-

- (i) Copy of Final Detailed Project Report (DPR) is to be enclosed as **Annexure – II A**.
- (ii) Undertaking by the Project Company that all Consents, clearances and permits required for supply of Power to SECI as per the terms of PPA have been obtained is to be enclosed as **Annexure – II B**

2.0 Copy of Agreement/ MOU entered into / Purchase Order with acceptance, for the supply of Plants and Equipment (to be enclosed as **Annexure-III**)

3.0 Technical Parameters of the Project (Clause 37 of the RfS)

3.0.1 Certificate from Project Company that Technical specifications and directives given in Annexure-A of the RfS will be adhered to (to be enclosed as **Annexure-IV A**)

3.0.2 Proposed Project configuration as part of DPR of the Project (to be enclosed as **Annexure-IV B**)

4.0 Ownership of the HPD: Latest Shareholding Pattern of the Project Company (including Compulsorily Convertible Debentures (CCDs), Compulsorily Convertible Preferential Shares (CCPS) of the Project Company certified by Chartered Accountant (to be enclosed as **Annexure V A**)

Shareholding pattern is not required to be submitted by a Listed Company.

Note: Declaration of Shareholding Pattern of the Project Company is to be submitted to SECI on monthly basis, i.e., by the 10th day of every month for shareholding status of the Company up to the end of the previous month, till 1 year from the date of commissioning of the project.

5.0 The above checklist is to facilitate financial closure of projects. For any interpretation the respective provision of RfS / PPA shall prevail.

For cases where funding will be from a Company other than Project Company

Board Resolution from _____ (Name of the Company from where the required funding will be raised)

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED BY THE BOARD OF DIRECTORS OF THE COMPANY AT THEIR MEETING HELD ON _____ AT THE REGISTERED OFFICE OF THE COMPANY

RESOLVED that approval of the Board be and is hereby accorded to the company extending unconditional and full financial support whether by way of equity, debt, or a combination thereof, towards meeting the full project cost of Rs. _____ (in words and figures) to M/s _____ (Name of Project Company), a company within the meaning of The Companies Act, 1956 and/or The Companies Act, 2013, and having its registered office at _____ which was selected by Solar Energy Corporation of India Limited (SECI) to develop the.....MW Wind-Solar Hybrid Power Project (Project ID.....), for generation and sale of Power under the RfS No. _____ in respect of which Power Purchase Agreement (PPA) was signed between SECI and _____ (Name of Project Company). Funds will be released for the project as per the request of _____ (Name of Project Company) to meet the financial requirement for the said Project.

Board Resolution from _____ (Project Company)

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED BY THE BOARD OF DIRECTORS OF THE COMPANY AT THEIR MEETING HELD ON _____ AT THE REGISTERED OFFICE OF THE COMPANY

RESOLVED that approval of the Board be and is hereby accorded to the Company which was selected by Solar Energy Corporation of India Limited (SECI) to develop the.....MW Wind-Solar Hybrid Power Project (Project ID.....), for generation and sale of Hybrid Power under the RfS No. _____ in respect of which Power Purchase Agreement (PPA) was signed between SECI and the Company, to request and undertake to accept unconditional and full financial support and getting release of funds for project as per requirement from the Company i.e. _____, a Company within the meaning of The Companies Act, 1956 and/or The Companies Act, 2013, and having its registered office at _____ whether by way of equity, debt, or a combination thereof for meeting the financial requirements of the project being developed by the Project Company.

Further Resolved that in the event the Company i.e., _____, agrees to extend full financial support as sought above, Sh. _____, Director, Sh. _____, Director.... be and are hereby severally or collectively authorized to accept any terms and conditions that may be imposed by _____ (Name of the Company), for extending such support and that they are also severally or collectively authorized to sign such documents, writings as may be necessary in this connection.

SPECIAL INSTRUCTIONS TO BIDDERS FOR e-TENDERING AND REVERSE AUCTION

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

Auction

The sealed bid system would be followed by an ‘e-Reverse Auction’

Broad Outline of Activities from Bidder’s Perspective:

- a. Procure a Class III Digital Signing Certificate (DSC).
- b. Register on ElectronicTender System® (ETS)
- c. Create Marketing Authorities (MAs), Users and assign roles on ETS. It is mandatory to create at least one MA
- d. View Notice Inviting Tender (NIT) on ETS
- e. For this tender -- Assign Tender Search Code (TSC) to a MA
- f. 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.
- g. Clarification to Tender Documents on ETS
 - Query to SECI (Optional)
 - View response to queries posted by SECI
- h. Bid-Submission on ETS
- i. Attend Public Online Tender Opening Event (TOE) on ETS
 - Opening of relevant Bid-Part

j. Post-TOE Clarification on ETS (Optional)

- Respond to SECI Post-TOE queries

k. Participate in e-Reverse Auction if invited

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	<i>Customer Support: +91-124-4229071, 4229072 (From 1000 HRS to 1800 HRS on all Working Days i.e., Monday to Friday except Government Holidays)</i>

Email-ID	support@isn-ets.com [Please mark CC: support@electronicstender.com]
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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
 - Envelope I (Techno-commercial-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 29 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.

PUBLIC ONLINE TENDER OPENING EVENT (TOE)

ETS offers a unique facility for ‘Public Online Tender Opening Event (TOE)’. Tender Opening Officers, as well as, authorized representatives of bidders can simultaneously attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. Alternatively, one/ two duly authorized representative(s) of bidders (i.e. Supplier organization) are requested to carry a Laptop with Wireless Internet Connectivity, if they wish to come to SECI’s office for the Public Online TOE, if applicable for the RfS.

Every legal requirement for a transparent and secure ‘Public Online Tender Opening Event (TOE)’, including digital counter-signing of each opened bid by the authorized TOE-officer(s) in the simultaneous online presence of the participating bidders’ representatives, has been implemented on ETS.

As soon as a Bid is decrypted with the corresponding ‘Pass-Phrase’ as submitted by the bidder himself during the TOE itself, or as per alternative methods prescribed in the Tender Documents, salient points of the Bids (as identified by the Buyer organization) are simultaneously made available for downloading by all participating bidders. The tedium of taking notes during a manual ‘Tender Opening Event’ is therefore replaced with this superior and convenient form of ‘Public Online Tender Opening Event (TOE)’.

ETS has a unique facility of ‘Online Comparison Chart’ which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by the Buyer for each Bid-Part of a tender. The information in the Comparison Chart is based on the data submitted by the Bidders. A detailed Technical and/ or Financial Comparison Chart enhances Transparency. Detailed instructions are given on relevant screens.

ETS has a unique facility of a detailed report titled ‘Minutes of Online Tender Opening Event (TOE)’ covering all important activities of the ‘Online Tender Opening Event (TOE)’. This is

available to all participating bidders for ‘Viewing/ Downloading’, as per the NIT configured by the bidding agency.

There are many more facilities and features on ETS. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

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 DOs 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.)

Note: Bid-submission in ETS can consist of submission of multiple bid-components, which vary depending upon the situation and requirements of the Buyer. Successful receipt of a bid in an e-tendering scenario takes place if all the required bid-components are successfully ‘received and validated’ in the system (ETS) within the scheduled date and time of closure of bidding. ETS/ Service Provider is not responsible for what happens at an end-user’s end, or while a submission made by an end-user is in transit, until the submission is successfully ‘received and validated’ in ETS.

6. It is the responsibility of each bidder to remember and securely store the Pass-Phrase for each Bid-Part submitted by that bidder. 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. In the event of a bidder forgetting the Pass-Phrase before the expiry of deadline for Bid-Submission, facility is provided to the bidder to ‘Annul Previous Submission’ from the Bid-Submission Overview page and start afresh with new Pass-Phrase(s). If bidder fails to submit correct pass-phrase immediately as requested by SECI, the Tender Processing Fee and Tender 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.

ADDITIONAL DOs AND DON'Ts FOR BIDDERS PARTICIPATING IN e-REVERSE AUCTION

1. Get your organization's concerned executives trained for e-Reverse Auction related processes on ETS well in advance of the start of e-Reverse Auction.
2. For responding to any particular e-Reverse Auction, the e-Reverse Auction (i.e. its Reverse Auction Search Code or RASC) has to be assigned to an MA.
3. It is important for each bidder to thoroughly read the ‘rules and related criterion’ for the e-Reverse Auction as defined by the Buyer organization.
4. It is important to digitally-sign your ‘Final bid’ after the end of e-Reverse Auction bidding event.
5. During an e-auction, it is recommended that a bidder submits a bid well before the scheduled time of ‘Date and Time of Closure of Reverse-Auction’. Submission of a bid near the closing time of an auction may result in failure due to any of the various factors at that instant, such as – slow internet speed at the bidder’s end, slow running of computer at bidder’s end, nervousness of the bidder in the last few seconds, etc. This could lead to delay

in submission of data from the bidder's computer to the server. Even if the delay is of a fraction of second after the scheduled closing time, it will result in failure of bid submission. Further, please note that a bid can be submitted even if the bidding-page has not been refreshed manually, or otherwise depending on the conditions of the e-auction.

Note: Successful receipt of Bid in an e-auction scenario takes place if the bid is successfully 'received and validated' in the system (ETS) within the scheduled date and time of closure of bidding. ETS/ Service Provider is not responsible for what happens at an end-user's end, or while a submission made by an end-user is in transit, until the submission is successfully 'received and validated' in ETS.

6. **Pre-requisite for participation in bidding process**

- Bidder must possess a PC/ Laptop with Windows 7 professional operating system and Internet Explorer 8 or 9 for hassle free bidding. Bidder is essentially required to effect the security settings as defined in the portal.
- The Bidder must have a high-speed internet connectivity (preferably Broadband) with internet explorer to access ISN-ETS's e-Tender Portal for downloading the Tender document and uploading/ submitting the Bids.
- A valid e-mail ID of the Organization/ Firm

Vendors Training Program

One day online training (10:00 to 17:00) is provided by ISN-ETS. Training is optional. In case, any bidder is interested, he may send a request to support@isn-ets.com. Vendors are requested to arrange their own Laptop, Digital Certificate and Wireless Connectivity to the Internet.

TERMS & CONDITIONS OF REVERSE AUCTION

After opening of Financial bids and short-listing of bidders based on the tariff and total capacity of project of qualified Project(s), SECI shall resort to "REVERSE AUCTION PROCEDURE". Reverse Auction shall be conducted as per methodology specified in Section-5 and other provisions of Reverse Auction in RfS Documents and their subsequent Addenda/ Amendments/ Clarifications. Bidders in their own interest, are advised to go through the documents in entirety. The Terms & Conditions and Business Rules mentioned hereunder are in brief and may not give complete explanations. Further these are supplementary in nature.

1. Bidders shall ensure online submission of their 'Bid Price' within the auction period.
2. Bidders shall ensure to take all necessary training and assistance before commencement of reverse auction to the interested bidders on chargeable basis to be paid directly to ISN-ETS.
3. Business rules for Reverse Auction like event date, time, bid decrement, extension etc. shall be as per the business rules, enumerated in the RfS document or intimated later on, for compliance.
4. Reverse auction will be conducted on scheduled date & time, as mentioned in the RfS document.
5. Bidders should acquaint themselves of the 'Business Rules of Reverse Auction', which is enclosed separately in the RfS document.

6. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant SECI guidelines, shall be initiated by SECI.
7. The Bidder shall not divulge either his Bids or any other exclusive details of SECI to any other party.
8. Period of validity of Prices received through Reverse Auction shall be same as that of the period of validity of bids offered.
9. Bidders should also note that:
 - a) Although extension time is '8' minutes, there is a time lag between the actual placing the bid on the local computer of the bidder and the refreshing of the data on to the server for the visibility to the Owner. Considering the processing time for data exchange and the possible network congestion, bidders must avoid the last minute hosting of the Financial Bid during reverse auction.
 - b) Participating bidder will agree to non-disclosure of trade information regarding the purchase, identity of SECI, bid process, bid technology, bid documentation and bid details.
 - c) It is brought to the attention of the bidders that the bid event will lead to the final price of bidders only.
 - d) Technical and other non-commercial queries (not impacting price) can only be routed to the SECI contact personnel indicated in the RfS document.
 - e) Order finalization and post order activities such issue of LOA, signing of PPA etc. would be transacted directly between successful bidder(s) and SECI.
 - f) LOA shall be placed outside the ETS e-portal & further processing of the LOA shall also be outside the system.
 - g) In case of any problem faced by the bidder during Reverse Auction and for all Bidding process related queries, bidders are advised to contact the persons indicated in Annexure - C of the RfS document.
 - h) Bidders are advised to visit the auction page and login into the system well in advance to identify/ rectify the problems to avoid last minute hitches.
 - i) SECI will not be responsible for any PC configuration/ Java related issues, software/ hardware related issues, telephone line glitches and breakdown/ slow speed in internet connection of PC at Bidder's end.
 - j) Bidders may note that it may not be possible to extend any help, during Reverse Auction, over phone or in person in relation to rectification of PC/ Internet/ Java related issues and Bidder may lose the chance of participation in the auction.
10. For access to the Reverse Auction site, the following URL is to be used:
<https://www.bharat-electronictender.com>.
11. No queries shall be entertained while Reverse Auction is in progress.

BUSINESS RULES OF REVERSE AUCTION

Reverse Auction shall be conducted as per methodology specified in Section - 5 and other provisions of Reverse Auction in RfS documents and their subsequent Amendments/ Clarifications/ Addenda. Bidders, in their own interest, are advised to go through the documents in entirety.

The following would be parameters for e-Reverse Auction:

Sl. No.	Parameter	Value
1.	Date and Time of Reverse-Auction Bidding Event	To be intimated Later to Eligible Bidders
2.	Duration of Reverse-Auction Bidding Event	30 minutes
3.	Automatic extension of the 'Reverse-Auction closing Time', if last bid received is within a 'Predefined Time-Duration' before the 'Reverse-Auction Closing Time'	Yes
3.1	Pre-defined Time-Duration	08 Minutes
3.2	Automatic extension Time-Duration	08 Minutes
3.3	Maximum number of Auto-Extension	Unlimited Extension
4.	Entity-Start-Price	Tariff quoted by the bidders in Financial Bid (Second Envelope)

Online Reverse Auction shall be conducted by SECI on pre-specified date and time, while the bidders shall be quoting from their own offices/ place of their choice. Internet connectivity shall have to be ensured by bidders themselves.

During the Reverse Auction, any requests for extension of time will not be considered by SECI. Bidders are therefore requested to make all the necessary arrangements/ alternatives whatever required so that they are able to participate in the Reverse Auction successfully. Failure of power or loss of connectivity at the premises of bidders during the Reverse Auction cannot be the cause for not participating in the Reverse Auction. SECI shall not be responsible for such eventualities.

Bidders are advised to get fully trained and clear all their doubts such as refreshing of Screen, capacity/ no. of projects being auctioned, auction rules etc.

SECI reserves the right to cancel/ reschedule/ extend the Reverse Auction process/ tender at any time, before ordering, without assigning any reason.

SECI shall not have any liability to bidders for any interruption or delay in access to the auction website irrespective of the cause. In such cases, the decision of SECI shall be binding on the bidders.

Other terms and conditions shall be as per bidder's techno-commercial offers and as per the RfS document and other correspondences, if any, till date.