

CORRIGENDUM – 4

Ref: NREDCAP/PMSG/SC&ST/07/2025

Date: 04.08.2025

Name of the Work: Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Design, Engineering, Supply, Installation, Testing & Commissioning and O&M for 5 years of 1,198.21 MWp Grid Connected Rooftop Solar Plants for 5,99,105 SC and ST Consumers through Utility Led Aggregation (CAPEX) Mode in APDISCOMs under PM-Surya Ghar: Muft Bijli Yojana

vi. Tender Particulars, Sl. No.	Particular	Earlier Description	Revised Description
22	Bid closing date	11.08.2025 at 15:00 Hours for uploading Technical Bid and Financial Bid.	14.08.2025 at 15:00 Hours for uploading Technical Bid and Financial Bid.
23	Technical Bid Opening date	12.08.2025, 17:00 Hours	18.08.2025, 17:00 Hours
24	Financial Bid Opening date	26.08.2025, 15:00 Hours	01.09.2025, 15:00 Hours

Amendments in RfS Document:

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8	Disclaimer	vi. Tender Particulars, 16. Performance Security	<ul style="list-style-type: none"> The value of the Performance Bank Guarantee (PBG)/ Insurance Surety Bond shall be 5% (Five percent) of the Total Awarded Contract Value. This Performance Bank Guarantee/ Insurance Surety Bond will be valid for a total period of 28 Months (06 Months Project commissioning period + 6 months of acceptable delay with penalty in SCOD + 1 year of O&M + 04 months additional) from the date of signing of Agreement. The Successful Bidder needs to furnish Performance Bank Guarantee from any of the Nationalized Banks recognized by the Reserve Bank of India (RBI). The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI) as amended from time to time. 	<ul style="list-style-type: none"> The value of the Performance Bank Guarantee (PBG)/ Insurance Surety Bond shall be 5% (Five percent) of the Total Awarded Contract Value. This Performance Bank Guarantee/ Insurance Surety Bond will be valid for a total period of 76 Months (06 Months of Project commissioning period + 6 months of acceptable delay in SCOD with penalty + 5 years of O&M + 04 months additional) from the date of signing of Agreement. The Successful Bidder needs to furnish Performance Bank Guarantee from any of the Scheduled Banks including Nationalized Banks recognized by the Reserve Bank of India (RBI). The Insurance Surety Bond shall be from an Insurer as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI) as amended from time to time.
15	Chapter A	Definitions	"Joint Venture" or "JV" shall mean the joint arrangement between two Firms/Companies, as per the Companies Act 2013, whereby both parties have rights to net assets of the arrangement and share the risks associated with the development of those assets.	"Joint Venture" or "JV" shall mean the joint arrangement between not more than three Firms/Companies, as per the Companies Act 2013, whereby all the parties have rights to net assets of the arrangement and share the risks associated with the development of those assets.

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15	Chapter A	Definitions	“Local Vendors” or “Local Bidder” shall mean those EPC Contractors/RTS vendors who have executed Grid Connected Ground Mounted Solar Power projects and Grid connected Roof Top Solar Power projects in the residential space/ C&I space either in CAPEX/OPEX mode , and have their registered office and GST registration in Andhra Pradesh. Local Vendors are eligible to bid for the Divisions under Local Category.	“Local Vendors” or “Local Bidder” shall mean those EPC Contractors/RTS vendors who have executed Solar PV power projects/ Solar Pump Projects , and have their registered office and GST registration in Andhra Pradesh. Local Vendors are eligible to bid for the Divisions under Local Category.																																	
20	1.2.2.b.ii	Technical Eligibility Criteria	<div>The Bidder must possess relevant experience in the Design, Engineering, Supply, Installation, Testing, Commissioning, Operation and Maintenance of Grid-Connected Ground-Mounted Solar Projects and Grid-Connected Rooftop Solar Projects in Commercial & Industrial (C&I)/ Residential space in CAPEX/OPEX mode in the last 3 years. This experience must align with the capacity ranges specified below for eligibility.</div> <table><tr><th>Bidder Total Quoted Capacity</th><th>Divisions under General Category</th><th>Divisions under Local Category</th></tr><tr><td>< 10 MW</td><td>Not Applicable</td><td>0.5 MW</td></tr><tr><td>10 to 20 MW</td><td>2 MW</td><td>1 MW</td></tr><tr><td>20 to 100 MW</td><td>10 MW</td><td>5 MW</td></tr><tr><td>100 to 500 MW</td><td>50 MW</td><td>25 MW</td></tr><tr><td>> 500 MW</td><td>100 MW</td><td>Not Applicable</td></tr></table>	Bidder Total Quoted Capacity	Divisions under General Category	Divisions under Local Category	< 10 MW	Not Applicable	0.5 MW	10 to 20 MW	2 MW	1 MW	20 to 100 MW	10 MW	5 MW	100 to 500 MW	50 MW	25 MW	> 500 MW	100 MW	Not Applicable	<div>The Bidder must possess relevant experience in Design, Engineering, Supply, Installation, Testing, Commissioning, Operation and Maintenance within the last five (5) years in one or more of the following areas: Grid-Connected Solar PV Power Projects, Off-Grid Solar PV Power Projects, Grid-Connected Solar Pumps, or Off-Grid Solar Pumps. This experience must align with the capacity ranges specified below for eligibility.</div> <table><tr><th>Bidders total quoted capacity</th><th>Divisions under General Category</th><th>Divisions under local category</th></tr><tr><td>< 10MW</td><td>Not Applicable</td><td>0.5 MW</td></tr><tr><td>10 to 20 MW</td><td>2 MW</td><td>1 MW</td></tr><tr><td>20 to 50 MW</td><td>5 MW</td><td>2.5 MW</td></tr><tr><td>50 to 100 MW</td><td>10 MW</td><td>5 MW</td></tr></table>	Bidders total quoted capacity	Divisions under General Category	Divisions under local category	< 10MW	Not Applicable	0.5 MW	10 to 20 MW	2 MW	1 MW	20 to 50 MW	5 MW	2.5 MW	50 to 100 MW	10 MW	5 MW
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				100 to 200 MW	20 MW	10 MW
				200 to 300 MW	30 MW	Not Applicable
				300 to 400 MW	40 MW	Not Applicable
				400 to 500 MW	50 MW	Not Applicable
				> 500 MW	100 MW	Not Applicable
21	1.3	Joint Venture	<p>The bidders can also participate as a Joint Venture containing not more than two firms/companies. Each partner of the Joint Venture shall meet the Eligibility Criteria proportionate to their equity ownership in the Joint Venture. However, in order for a Joint Venture to qualify, the partners of Joint Venture must meet the following minimum criteria.</p> <p>a) The joint venture here in mean, Firms/companies not more than two, which are having Joint Venture agreement between them to participate and to execute the notified project of NREDCAP and shall clearly mention in the JV agreement, that both firms jointly and severally shall have responsibility in performing the project.</p>	<p>The bidders can also participate as a Joint Venture containing not more than three firms/companies. Each partner of the Joint Venture shall meet the Financial Eligibility Criteria proportionate to their equity ownership in the Joint Venture. However, in order for a Joint Venture to qualify, the partners of Joint Venture must meet the following minimum criteria.</p> <p>a) The joint venture here in mean, Firms/companies not more than three, which are having Joint Venture agreement between them to participate and to execute the notified project of NREDCAP and shall clearly mention in the JV agreement, that both firms jointly and severally shall have responsibility in performing the project.</p>		
21	1.3	Joint Venture	c) The JV Partners shall meet the required Financial Eligibility Criteria for Turnover & Net worth as per clause 1.2.2 in proportion to their equity ownership in the Joint Venture (Lead Partner : Other Partner).	c) The JV Partners shall meet the required Financial Eligibility Criteria for Turnover & Net worth as per clause 1.2.2 in proportion to their equity ownership in the Joint Venture (Lead Partner : Other Partner 1 : Other Partner 2). Additionally, the Net worth of each partner should not be negative in the last three financial years.		

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			<p>Illustration: A Joint Venture comprises two partners, with Lead Partner: 70% equity share and Other Partner: 30% equity share. The Net worth of the Lead Partner is INR 5 crore and the Net Worth of Other Partner is INR 0.5 crore. The Net Worth of JV to be considered to meet Financial Eligibility Criteria is INR 3.65 crore (70%*5 + 30%*0.5)</p> <p>d) Both the JV Partners shall collectively meet the Technical Eligibility Criteria mentioned as per clause 1.2.2.</p>	<p>Illustration: A Joint Venture comprises three partners, with Lead Partner: 70% equity share, Other Partner 1: 20% equity share, and Other Partner 2: 10% equity share. The Net worth of the Lead Partner is INR 5 crore, the Net Worth of Other Partner 1 is INR 1.5 crore and the Net Worth of Other Partner 2 is INR 0.5 crore. The Net Worth of JV to be considered to meet Financial Eligibility Criteria is INR 3.85 crore {Lead Partner (INR 5 Crore x 70%) + Other Partner 1 (INR 1.5 Crore x 20%) + Other Partner 2 (INR 0.5 Crore x 10%)}</p> <p>d) All the JV Partners shall collectively meet the Technical Eligibility Criteria mentioned as per clause 1.2.2.</p>
22	1.3 f)	Joint Venture	<p>f) In order for the bid submitted by JV to be qualified, the following conditions shall be complied with, failing which shall lead to disqualification: i) Joint venture shall be represented by Lead Partner for the purpose of execution of the Bid. All the Payments shall be made through RTGS to the joint account of the Joint Venture.</p> <p>ii) The uploaded scanned bid shall have authorised signatures of both the partners so as to be legally binding upon both members.</p> <p>iii) The Lead Partner shall be authorized to upload the bid in e-procurement and to incur liabilities and receive instructions for and on behalf of the partners of</p>	<p>f) In order for the bid submitted by JV to be qualified, the following conditions shall be complied with, failing which shall lead to disqualification: i) Joint venture shall be represented by Lead Partner for the purpose of execution of the Bid. All the Payments shall be made through RTGS to the joint account of the Joint Venture.</p> <p>ii) The uploaded scanned bid shall have authorised signatures of all the partners so as to be legally binding upon all members.</p> <p>iii) The Lead Partner shall be authorized to upload the bid in e-procurement and to incur liabilities and receive instructions for and on behalf of the partners</p>

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			<p>JV as per the power conferred to him in the Power of Attorney. The authorization shall be evidenced by submitting a Power of Attorney by legally authorized signatory of all partners as per proforma provided in the RFS.</p> <p>iv) The execution of the Contract shall be done by both the partners of the Joint Venture. Both the partners shall be responsible for execution of the project.</p> <p>v) The Performance Bank Guarantee shall be submitted by both the Joint Venture Partners in the proportion to their respective equity ownership in the Joint Venture (Lead Partner : Partner)</p> <p>vi) In case of any breach of the contract, both partners will be held fully responsible for the fulfilment of the contract. In case of any default in execution of the contract, it is the sole discretion of DISCOMs/NREDCAP to transfer the order on any one of the partner to complete the work individually in such case the default partner will not be considered for participating in future tenders individually / JV or to terminate the total contract and get the balance works executed through alternate agency at the cost and risk of both the partners of the Joint Venture duly en-cashing the Performance Bank Guarantee and any other securities and withholding pending payments, if any, in the present contract or in the other contracts of the JV partners individually or jointly. In such cases, both the JV partners are liable for blacklisting. It is</p>	<p>of JV as per the power conferred to him in the Power of Attorney. The authorization shall be evidenced by submitting a Power of Attorney by legally authorized signatory of all partners as per proforma provided in the RFS.</p> <p>iv) The execution of the Contract shall be done by all the partners of the Joint Venture. All the partners shall be responsible for execution of the project.</p> <p>v) The Performance Bank Guarantee shall be submitted by all the Joint Venture Partners in the proportion to their respective equity ownership in the Joint Venture (Lead Partner : Other Partner 1 : Other Partner 2)</p> <p>vi) In case of any breach of the contract, all partners will be held fully responsible for the fulfilment of the contract. In case of any default in execution of the contract, it is the sole discretion of DISCOMs/NREDCAP to transfer the order on any one of the partner to complete the work individually in such case the default partner will not be considered for participating in future tenders individually / JV or to terminate the total contract and get the balance works executed through alternate agency at the cost and risk of all the partners of the Joint Venture duly en-cashing the Performance Bank Guarantee and any other securities and withholding pending payments, if any, in the present contract or in the other contracts of the JV partners individually or jointly. In such cases, all the JV partners are liable for blacklisting. It is</p>

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			<p>mandatory for both the partners to attend the review meetings, failure of which will be viewed seriously.</p> <p>vii) The lead partner of the joint venture shall upload the following documents pertaining to both the JV Partners: (a) Authority of the partner/company to enter into joint venture business in memorandum of association; (b) A certified copy of the board resolution according permission to entering into the joint venture and to take up the notified work; (c) A certified copy of the board resolution, according permission for affixing the company seal on the joint venture deed.</p> <p>viii) NREDCAP/ DISCOMs shall in no way be responsible for or connected to or liable for or suffer for the disputes that arise between the Joint venture partners.</p>	<p>mandatory for all the partners to attend the review meetings, failure of which will be viewed seriously.</p> <p>vii) The lead partner of the joint venture shall upload the following documents pertaining to all the JV Partners: (a) Authority of the partner/company to enter into joint venture business in memorandum of association; (b) A certified copy of the board resolution according permission to entering into the joint venture and to take up the notified work; (c) A certified copy of the board resolution, according permission for affixing the company seal on the joint venture deed.</p> <p>viii) NREDCAP/ DISCOMs shall in no way be responsible for or connected to or liable for or suffer for the disputes that arise between the Joint venture partners.</p>
22	1.3	Joint Venture		<p>New clause addition:</p> <p>g) A Joint Venture shall be considered to bid for Divisions under Local Category if the Lead Partner satisfies the conditions mentioned in clause 1.4 of this RfS.</p> <p>h) A Joint Venture shall be considered for EMD exemption if the Lead Partner satisfies the conditions mentioned in clause 3.2.4 of this RfS.</p>
23	1.5	Preference for Bidders having commitment from	The bidder must submit valid documentary evidence of the JV arrangement /MoU clearly demonstrating the partnership with the domestic PV cell and module manufacturer. A commitment letter from the PV	The bidder must submit valid documentary evidence of the JV arrangement /MoU clearly demonstrating the partnership with the domestic PV cell and module manufacturer. A commitment letter from the PV

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		manufacturers, Paragraph no. 2	cell/module manufacturer, as per Format 10 , must also be submitted demonstrating the capacity tied up to this tender, in the event the Bidder is awarded the project. The Bidder shall have preferential allotment up to the capacity mentioned in the commitment letter.	cell/module manufacturer, as per Format 11 , must also be submitted demonstrating the capacity tied up to this tender, in the event the Bidder is awarded the project. The Bidder shall have preferential allotment up to the capacity mentioned in the commitment letter.
25	2.2.1	Information required with the proposal	The Bidder must clearly indicate the name of the manufacturer , the types and model & make of each principal item of equipment proposed to be supplied and installed at consumer premises. The proposal may also contain details of specifications and other comprehensive descriptive materials in support of technical specifications.	The Bidder must clearly indicate the names of up to 5 OEM manufacturers , the types and model & make of each principal item of equipment proposed to be supplied and installed at consumer premises. The proposal may also contain details of specifications and other comprehensive descriptive materials in support of technical specifications.
27	3.2.1	Earnest Money Deposit (EMD)	The Bidder shall furnish Earnest Money Deposit (EMD) of INR 1,00,000 (Indian Rupees One Lakh only) per MW as mentioned in the “Tender Particulars” in the shape of Bank Guarantee from any Nationalized Bank in favour of “The Vice Chairman and Managing Director, NREDCAP, Tadepalli”, as a part of the tender. The bank guarantee should be valid for a period of 60 days beyond the Tender Validity Period (i.e., 180 days + 60 days).	The Bidder shall furnish Earnest Money Deposit (EMD) of INR 1,00,000 (Indian Rupees One Lakh only) per MW as mentioned in the “Tender Particulars” in the shape of Bank Guarantee from any Scheduled Bank / Nationalized Bank in favour of “The Vice Chairman and Managing Director, NREDCAP, Tadepalli”, as a part of the tender. The bank guarantee should be valid for a period of 60 days beyond the Tender Validity Period (i.e., 180 days + 60 days).
28	3.2.9	Performance Security	The Performance Security shall be in the form of Performance Bank Guarantee issued by any Nationalized Bank in favour of “The Chief General Manager (EC & Solar), APEPDCL/ The Chief General Manager (Projects), APCPDCL/ The Chief General	The Performance Security shall be in the form of Performance Bank Guarantee issued by any Scheduled Bank/ Nationalized Bank in favour of “The Chief General Manager (EC & Solar), APEPDCL/ The Chief General Manager (Projects),

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			Manager (Projects), APSPDCL” valid for a total period of 28 Months (06 Months Project commissioning period + 6 months of acceptable delay with penalty in SCOD + 1 year of O&M + 04 months additional) from the date of signing of Agreement. No interest shall be paid by DISCOM on the amount of the performance security.	APCPDCL/ The Chief General Manager (Projects), APSPDCL” valid for a total period of 76 Months (06 Months Project commissioning period + 6 months of acceptable delay with penalty in SCOD + 5 years of O&M + 04 months additional) from the date of signing of Agreement. No interest shall be paid by DISCOM on the amount of the Performance Security.
28	3.2.10	Performance Security	The Successful/selected Bidder can also submit Performance Security in the form of an irrevocable Insurance Surety Bond from Nationalized insurance companies in favour of “The Chief General Manager (EC & Solar), APEPDCL/ The Chief General Manager (Projects), APCPDCL/ The Chief General Manager (Projects), APSPDCL” valid for a total period of 28 Months (06 Months Project commissioning period + 6 months of acceptable delay with penalty in SCOD + 1 year of O&M + 04 months additional) from the date of signing of Agreement. No interest shall be paid by DISCOM on the amount of the performance security.	The Successful/selected Bidder can also submit Performance Security in the form of an irrevocable Insurance Surety Bond from Nationalized insurance companies in favour of “The Chief General Manager (EC & Solar), APEPDCL/ The Chief General Manager (Projects), APCPDCL/ The Chief General Manager (Projects), APSPDCL” valid for a total period of 76 Months (06 Months Project commissioning period + 6 months of acceptable delay with penalty in SCOD + 5 years of O&M + 04 months additional) from the date of signing of Agreement. No interest shall be paid by DISCOM on the amount of the performance security.
30	3.6.4	Liquidated Damages	In case of malfunctioning of the system, during O&M period of 5 years, if the EPC Contractor/ RTS Vendor has failed to attend for rectification of defects within 24 hours from the time of defect and fails to replace the defective/ failed equipment at free of cost (including transportation and insurance expenses) within 3 days from the time of defect in whole or any part of the Rooftop Solar Plant, then EPC Contractor/ RTS Vendor shall be liable to pay penalties calculated	In case of malfunctioning of the system, during O&M period of 5 years, if the EPC Contractor/ RTS Vendor has failed to attend for rectification of defects within 48 hours from the time of defect and fails to replace the defective/ failed equipment at free of cost (including transportation and insurance expenses) within 5 days from the time of defect in whole or any part of the Rooftop Solar Plant, then EPC Contractor/ RTS Vendor shall be liable to pay penalties calculated

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			at INR 2,000 (Indian Rupees Two Thousand only) per kW per day until such malfunctioning persists beyond the permitted time limit which will be recovered from the PS and/or payments pertaining to O&M period. The EPC Contractor/RTS Vendor shall replenish the PS with the amount deducted so as to maintain the PS value.	at INR 500 (Indian Rupees Five Hundred only) per kW per day until such malfunctioning persists beyond the permitted time limit which will be recovered from the PS and/or payments pertaining to O&M period. The EPC Contractor/RTS Vendor shall replenish the PS with the amount deducted so as to maintain the PS value.
41	7.8.t.iii	Scope of Work (Scope of Work for EPC Contractor/ RTS Vendor)	Periodic cleaning of solar modules. The modules shall be cleaned with a periodic interval of 15 days or as and when required as per actual site conditions. It's the responsibility of the EPC Contractor/ RTS Vendor to get the modules cleaned during the entire Project Tenure.	Periodic cleaning of solar modules. The modules shall be cleaned with a periodic interval of 1 month or as and when required as per actual site conditions. It's the responsibility of the EPC Contractor/ RTS Vendor to get the modules cleaned during the entire Project Tenure.
42	7.8.x	Scope of Work (Scope of Work for EPC Contractor/ RTS Vendor)	EPC Contractor/ RTS Vendor shall set up an Authorized Service Centre in each Division that the EPC Contractor/ RTS Vendor has been awarded with setting up of Rooftop Solar Plants. Such service centre(s) shall be in the form of a commercial establishment, in a space owned or leased and run by the EPC Contractor/ RTS Vendor which shall become functional before the commissioning of the first Rooftop Solar Plant out of the total awarded Rooftop Solar Plants to effectively carry out the operation and maintenance obligations during the Project Tenure. Failure to set up an Authorized Service Centre in each Division lead to termination of the Agreement.	EPC Contractor/ RTS Vendor shall set up an Authorized Service Centre in each Division that the EPC Contractor/ RTS Vendor has been awarded with setting up of Rooftop Solar Plants. Such service centre(s) shall be in the form of a commercial establishment, in a space owned or leased and run by the EPC Contractor/ RTS Vendor which shall become functional before the commissioning of the first Rooftop Solar Plant out of the total awarded Rooftop Solar Plants to effectively carry out the operation and maintenance obligations during the Project Tenure. Failure to set up an Authorized Service Centre as per the RfS conditions will lead to termination of the Agreement. In case an EPC Contractor/ RTS Vendor is successful bidder for up to two Divisions within a

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				Circle, then the EPC Contractor/RTS Vendor shall set up at least one Authorized Service Centre for these two Divisions within the same Circle. In case an EPC Contractor/ RTS Vendor is successful bidder for more than two Divisions within a Circle, then the EPC Contractor/ RTS Vendor shall set up at least two Authorized Service Centres for these Divisions within the same Circle. However, no service centre shall be shared between Divisions belonging to different Circles or different EPC Contractors.
43	7.8	Scope of Work (Scope of Work for EPC Contractor/ RTS Vendor)		New clause addition: y) Anti-theft bolts, nuts, fasteners shall be used for the installation of solar modules to ensure the security of the modules.
43	7.8	Scope of APDISCOMs, Point iii	APDISCOMs shall ensure that the EPC Contractor/RTS vendor shall have access to roof of the residential consumer during the daytime (8 AM to 6 PM) for installation, commissioning, and Mandatory O&M of the Rooftop Solar system for the project tenure. In case of any unforeseen events such as demolition of the residential building, APDISCOMs shall ensure that the EPC Contractor /RTS vendor shall be provided access to another rooftop premise in nearby vicinity for transfer/installation of Rooftop Solar system within one week time.	APDISCOMs shall ensure that the EPC Contractor/RTS vendor shall have access to roof of the residential consumer during the daytime (9 AM to 5 PM) for installation, commissioning, and Mandatory O&M of the Rooftop Solar system for the project tenure. In case of any unforeseen events such as demolition of the residential building, APDISCOMs shall ensure that the EPC Contractor/RTS vendor shall be provided access to another rooftop premise in nearby vicinity for transfer/installation of Rooftop Solar system within one week time. APDISCOMs shall bear the expenses for transfer and re-installation up to a maximum of 30% of the Quoted Capex Rate per

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				kWp as relocation charges to be paid to the EPC Contractor. Further, the affected RTS plant shall be not be considered for mandatory CUF compliance mentioned in RfS clause 3.6.5 for the duration of downtime due to transfer and re-installation.
40	7.8 m	Scope of Work for EPC Contractor/ RTS Vendor	Installation of meters supplied by the APDISCOMs at the SC/ST households where Rooftop Solar Plants are erected. This includes fixing and wiring of supplied meter.	Deleted
43	7.8	Scope of AP Discoms	Supply of Gross/ Smart meters at consumer premises.	Supply and installation of Gross/ Smart meters at consumer premises.
46	7.15.2	Insurance	The EPC Contractor/ RTS Vendor shall take appropriate insurance during Project Period.	The EPC Contractor/ RTS Vendor shall take appropriate insurance during Project Period including adequate insurance coverage during O&M period to mitigate all risks related to O&M of the plant to indemnify the Employer.
47	7.15.4	Insurance	Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against theft for all major materials and equipment intended for use in the development and installation of Rooftop Solar Plants. This insurance shall remain valid throughout the Project Period.	Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against theft for all major materials and equipment intended for use in the development and installation of Rooftop Solar Plants. This insurance shall remain valid till the commissioning of the Project.
47	7.15.5	Insurance	Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against damage	Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against damage caused to RTS plants due to fire, flood and natural

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			caused to RTS plants due to fire, flood and natural calamities.	calamities. This insurance shall remain valid till the commissioning of the Project.
47	7.17	Payment terms	<p>APDISCOMS will receive Central Financial Assistance (CFA) from the MNRE, GoI as per the Operational Guidelines on PM-Surya Ghar: Muft Bijli Yojana. As this RfS is following the Utility Led Aggregation (CAPEX) Model, the upfront cost of installation (CAPEX) of Rooftop Solar Plants will be paid by APDISCOMs to the EPC Contractor/ RTS Vendor basis the milestones of project completion. The Capex payment to the EPC Contractor/RTS Vendor shall be made in phases as detailed below:</p> <ul style="list-style-type: none"> • 40% of the CAPEX shall be paid by APEPDCL/APCPDCL/APSPDCL upon satisfactory evidence of procurement and availability of major materials such as solar modules and inverters at the Divisions. • 30% of CAPEX shall be paid by APEPDCL/APCPDCL/APSPDCL to the EPC Contractor/ RTS Vendor post successful operation and performance of the commissioned capacity of Rooftop Solar Plant with achievement of at least one month's CUF as per the CUF defined for the respective Divisions. • 10% of CAPEX shall be paid by APEPDCL/APCPDCL/APSPDCL to the EPC Contractor/ RTS Vendor at the end of the 1st year 	<p>APDISCOMS will receive Central Financial Assistance (CFA) from the MNRE, GoI as per the Operational Guidelines on PM-Surya Ghar: Muft Bijli Yojana. As this RfS is following the Utility Led Aggregation (CAPEX) Model, the upfront cost of installation (CAPEX) of Rooftop Solar Plants will be paid by APDISCOMs to the EPC Contractor/ RTS Vendor basis the milestones of project completion. The Capex payment to the EPC Contractor/RTS Vendor shall be made in phases as detailed below:</p> <ul style="list-style-type: none"> • 50% of the CAPEX shall be paid by APEPDCL/ APCPDCL/ APSPDCL upon satisfactory evidence of procurement and availability of major materials such as solar modules and inverters at the Divisions. • 40% of CAPEX shall be paid by APEPDCL/ APCPDCL/ APSPDCL to the EPC Contractor/ RTS Vendor post successful commissioning of the Rooftop Solar Plant and achievement of at least one month's CUF as per the CUF defined for the respective Divisions. Bidders are eligible to receive part payments for every 10% of Division wise capacity commissioned, provided the aforesaid capacity has achieved at least one

RfS Page No.	RfS Clause No.	Section / Particular	Earlier Description	Revised Description
			<p>post commissioning of the Rooftop Solar Plant, setting up of service centres, and successful O&M for the 1st year.</p> <ul style="list-style-type: none"> • 20% of CAPEX shall be paid by APDISCOMs at the end of Project Tenure to the EPC Contractor/ RTS Vendor on successful O&M for Project Tenure and handover. 	<p>month's CUF as per the CUF defined for the respective Divisions.</p> <ul style="list-style-type: none"> • 2% of CAPEX shall be paid by APEPDCL/ APCPDCL/ APSPDCL to the EPC Contractor/ RTS Vendor on successful completion of each year of O&M from 1st year through 5th year and final handover at the end of 5th year.
48	7.20	Procurement of Solar Inverters	<p>Procurement of Solar Inverters: The procurement of Solar Inverters under this tender shall comply with the Ministry of New and Renewable Energy (MNRE) Order No 283/22/2019-Grid Solar dated 23rd Sep 2020 and Department for Promotion of Industry and Internal Trade (DPIIT) Notification No. P-45021/2/2017-PP (BE-II) dated 4th June 2020, including any subsequent amendments, regarding Public Procurement (Preference to Make in India).</p>	<p>Procurement of Solar Inverters and Communication Devices: The inverters and communication devices to be supplied must comply with the specifications and guidelines outlined by the Ministry of New and Renewable Energy (MNRE), as per Office Memorandum F.No. 318/87/2024-GCRT-Part(1), dated 21st July 2025, including any subsequent amendments. This includes mandatory integration with national servers and the use of Machine-to-Machine (M2M) SIM-based communication protocols for secure and centralized data transmission under the PM Surya Ghar: Muft Bijli Yojana (PMSG: MBY) scheme.</p>
51	Technical Bid	2. Details of Experience	<p>Please fill in information about Grid Connected Rooftop Solar Plant Systems and Grid Connected Ground Mounted Solar Plant Systems installed in the last 3 years.</p>	<p>Please fill in information about Solar PV Power Projects/ Solar Pump Projects executed in the last 5 years.</p>

RfS Page No.	RfS Clause No.	Section / Particular	Earlier Description					Revised Description						
			Sl. No.	Description	FY 2021- 22	FY 2022- 23	FY 2023- 24	Sl. No.	Description	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
			1	Grid Connected Rooftop Installations Capacity in MWp				1	Grid Connected Rooftop Installations Capacity in MWp					
			2	Grid Connected Ground Mounted Solar Installations Capacity in MWp				2	Grid Connected Ground Mounted Solar Installations Capacity in MWp					
								3	Off-Grid Rooftop Installations Capacity in MWp					
								4	Off-Grid Ground Mounted Solar					

RfS Page No.	RfS Clause No.	Section / Particular	Earlier Description	Revised Description						
					Installations Capacity in MWp					
				5	Grid Connected Solar pump projects in MWp					
				6	Off-Grid Solar pump projects in MWp					
66	Format -6(a)	FORMAT FOR PERFORMANCE SECURITY AS BANK GUARANTEE		Please refer to revised Format -6(a) in this corrigendum						
82	Format-11	COMMITMENT LETTER FROM A SOLAR PV MODULE MANUFACTURER		Please refer to revised Format -11 in this corrigendum						
88	Format-13	Bidder's Experience		Please refer to revised Format -13 in this corrigendum						
	ANNEXURE E	Information Checklist for Solar Rooftop Installations		Please refer to ANNEXURE E added in this corrigendum						

RfS Page No.	RfS Clause No.	Section / Particular	Earlier Description	Revised Description
	ANNEXURE F	NABARD's Prohibited Investment Activities List		Please refer to ANNEXURE F added in this corrigendum
	ANNEXURE G	Environmental and Safeguards Checklist		Please refer to ANNEXURE G added in this corrigendum
	ANNEXURE H	Social Safeguards checklist		Please refer to ANNEXURE H added in this corrigendum

Amendments in EPC Agreement Document:

EPC Agreement Page No.	EPC Agreement Clause No.	Section / Particular	Earlier Description	Revised Description
6	1	Definitions	" Joint Venture " or " JV " shall mean the joint arrangement between two Firms/Companies, as per the Companies Act 2013, whereby both parties have rights to net assets of the arrangement and share the risks associated with the development of those assets.	" Joint Venture " or " JV " shall mean the joint arrangement between not more than three Firms/Companies, as per the Companies Act 2013, whereby all the parties have rights to net assets of the arrangement and share the risks associated with the development of those assets.
8	2.13	Purpose and scope of the agreement	The EPC contractor must install the Gross/ Smart meter supplied by APDISCOMs including fixing and wiring of the meter at consumer premises.	Deleted
9	2.19	Purpose and scope of the agreement		New clause addition: Anti-theft bolts, nuts, fasteners shall be used for the installation of solar modules to ensure the security of the modules.
10	5.2	Completion Period	The Performance Security shall be returned to the Successful Bidder/ EPC Contractor/ RTS Vendor 15 days after completion of 1st year of O&M after taking into account the liquidated damages incurred during this tenure.	The Performance Security shall be returned to the Successful Bidder/ EPC Contractor/ RTS Vendor 15 days after completion of 5th year of O&M, successful handover of the project to DISCOMs and after taking into account the liquidated damages incurred during this tenure.
10	6.4	Liquidated Damages	In case of malfunctioning of the system, if the EPC Contractor/ RTS Vendor has failed to attend for rectification of defects within 24 hours from the time of defect and fails to replace the defective/ failed equipment at free of cost (including transportation and insurance	In case of malfunctioning of the system, if the EPC Contractor/ RTS Vendor has failed to attend for rectification of defects within 48 hours from the time of defect and fails to replace the defective/ failed equipment at free of cost (including transportation and

EPC Agreement Page No.	EPC Agreement Clause No.	Section / Particular	Earlier Description	Revised Description
			expenses) within 3 Days from the time of defect in whole or any part of the Rooftop Solar Plant, then EPC Contractor/ RTS Vendor shall be liable to pay penalties calculated at INR 2,000 (Indian Rupees Two Thousand only) per kWp per day until such malfunctioning persists beyond the permitted time limit which will be recovered from the PS and/or payments pertaining to O&M period. The EPC Contractor/RTS Vendor shall replenish the PS with the amount deducted so as to maintain the PS value.	insurance expenses) within 5 Days from the time of defect in whole or any part of the Rooftop Solar Plant, then EPC Contractor/ RTS Vendor shall be liable to pay penalties calculated at INR 500 (Indian Rupees Five Hundred only) per kWp per day until such malfunctioning persists beyond the permitted time limit which will be recovered from the PS and/or payments pertaining to O&M period. The EPC Contractor/RTS Vendor shall replenish the PS with the amount deducted so as to maintain the PS value.
11	7	Payment Terms	<ul style="list-style-type: none"> • 40% of the CAPEX shall be paid by APEPDCL/APCPDCL/APSPDCL upon satisfactory evidence of procurement and availability of major materials such as solar modules and inverters at the Divisions. • 30% of CAPEX shall be paid by APEPDCL/APCPDCL/APSPDCL to the EPC Contractor/ RTS Vendor post successful operation and performance of the commissioned capacity of Rooftop Solar Plant with achievement of at least one month's CUF as per the CUF defined for the respective Divisions. • 10% of CAPEX shall be paid by APEPDCL/APCPDCL/APSPDCL to the EPC Contractor/ RTS Vendor at the end of 	<ul style="list-style-type: none"> • 50% of the CAPEX shall be paid by APEPDCL/APCPDCL/APSPDCL upon satisfactory evidence of procurement and availability of major materials such as solar modules and inverters at the Divisions. • 40% of CAPEX shall be paid by APEPDCL/APCPDCL/APSPDCL to the EPC Contractor/ RTS Vendor post successful commissioning of the Rooftop Solar Plant and achievement of at least one month's CUF as per the CUF defined for the respective Divisions. Bidders are eligible to receive part payments for every 10% of Project capacity commissioned, provided the aforesaid

EPC Agreement Page No.	EPC Agreement Clause No.	Section / Particular	Earlier Description	Revised Description
			<p>the 1st year post commissioning of the Rooftop Solar Plant, setting up of service centres, and successful O&M for the 1st year.</p> <ul style="list-style-type: none"> • 20% of CAPEX shall be paid by APDISCOMs at the end of Project Tenure to the EPC Contractor/ RTS Vendor on successful O&M for Project Tenure and handover. 	<p>capacity has achieved at least one month's CUF as per the CUF defined for the respective Divisions.</p> <ul style="list-style-type: none"> • 2% of CAPEX shall be paid by APEPDCL/ APCPDCL/ APSPDCL to the EPC Contractor/ RTS Vendor on successful completion of each year of O&M from 1st year through 5th year and final handover at the end of 5th year.
14	11.2	Insurance	The EPC Contractor/ RTS Vendor shall take appropriate insurance during Project Period.	The EPC Contractor/ RTS Vendor shall take appropriate insurance during Project Period including adequate insurance coverage during O&M period to mitigate all risks related to O&M of the plant to indemnify the Employer.
14	11.4	Insurance	Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against theft for all major materials and equipment intended for use in the development and installation of Rooftop Solar Plants. This insurance shall remain valid throughout the Project Period.	Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against theft for all major materials and equipment intended for use in the development and installation of Rooftop Solar Plants. This insurance shall remain valid till the commissioning of the Project.
14	11.5	Insurance	Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage	Before commencement of work, the EPC Contractor/RTS Vendor shall obtain and maintain comprehensive insurance coverage against damage caused to RTS plants due to

EPC Agreement Page No.	EPC Agreement Clause No.	Section / Particular	Earlier Description	Revised Description
			against damage caused to RTS plants due to fire, flood and natural calamities.	fire, flood and natural calamities. This insurance shall remain valid till the commissioning of the Project.
15	12.2	Site Access	APEPDCL/APCPDCL/APSPDCL shall ensure that the EPC Contractor/ RTS Vendor shall have access to roof of the consumer during the daytime (8 am to 6 pm) for construction, installation, testing, operation and maintenance of the rooftop solar plant for the entire project tenure. In case of any unforeseen events such as demolition of the residential building, Utility shall ensure that the EPC Contractor/ RTS Vendor shall be provided with access to another rooftop premise in nearby vicinity for transfer/ installation of rooftop solar plant within a time period of one week. The expenses for transfer and installation shall be borne by consumer as per Consent form signed between APDISCOM and Consumer.	APEPDCL/APCPDCL/APSPDCL shall ensure that the EPC Contractor/ RTS Vendor shall have access to roof of the consumer during the daytime (9 am to 5 pm) for construction, installation, testing, operation and maintenance of the rooftop solar plant for the entire project tenure. In case of any unforeseen events such as demolition of the residential building, Utility shall ensure that the EPC Contractor/ RTS Vendor shall be provided with access to another rooftop premise in nearby vicinity for transfer/ installation of rooftop solar plant within a time period of one week. APDISCOMs shall bear the expenses for transfer and re-installation up to a maximum of 30% of the Quoted Capex Rate per kWp as relocation charges to be paid to the EPC Contractor. Further, the affected RTS plant shall be not be considered for mandatory CUF compliance mentioned in RfS clause 3.6.5 for the duration of downtime due to transfer and re-installation.
16	14.B	Operation and maintenance	Periodic cleaning of solar modules: The modules shall be cleaned with a periodic	Periodic cleaning of solar modules: The modules shall be cleaned with a periodic

EPC Agreement Page No.	EPC Agreement Clause No.	Section / Particular	Earlier Description	Revised Description
		obligations of the EPC Contractor/ RTS Vendor post installation of the rooftop solar plants	interval of 15 days or as and when required as per actual site conditions. It is the responsibility of the EPC Contractor/ RTS Vendor to get the modules cleaned during Project Period.	interval of 1 month or as and when required as per actual site conditions. It is the responsibility of the EPC Contractor/ RTS Vendor to get the modules cleaned during Project Period.
16	14.I	Operation and maintenance obligations of the EPC Contractor/ RTS Vendor post installation of the rooftop solar plants	If the EPC Contractor/ RTS Vendor fails to submit the monthly performance report to APEPDCL/APCPDCL/APSPDCL in prescribed proforma in Schedule – 1, during the O&M period INR 10,000 (Indian Rupees Ten Thousand Only) per kWp shall be forfeited for each incident. In case the number of incidents of non-compliance exceeds two, the entire PS/ O&M payments or both shall be forfeited.	If the EPC Contractor/ RTS Vendor fails to submit the Quarterly performance report to APEPDCL/APCPDCL/APSPDCL in prescribed proforma in Schedule – 1, during the O&M period INR 10,000 (Indian Rupees Ten Thousand Only) per kWp shall be forfeited for each incident. In case the number of incidents of non-compliance exceeds two, the entire PS/ O&M payments or both shall be forfeited.

Sd/-
VC & Managing Director
NREDCAP

Format -6(a)

FORMAT FOR PERFORMANCE SECURITY AS BANK GUARANTEE

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

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

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

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

Our Guarantee shall remain in force until..... [*Insert date that is 76 months from the date of issue of LoA*]. [*Please select the relevant APDISCOM*] shall be entitled to invoke this Guarantee till..... [*Insert date corresponding to thirty (30) days after the validity of the Performance Bank Guarantee*].

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

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

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

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

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

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

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

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

Signature_____

Name_____,

Power of Attorney No. _____

For

_____[Insert Name of the Bank]_____,

Banker's Stamp and Full Address.

Dated this_____day of_, 20_____

Witness:

1).....

Signature

Name and Address

2).....

Signature

Name and Address

Note:

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

Format -11

COMMITMENT LETTER FROM A SOLAR PV MODULE MANUFACTURER

[On Manufacturer's Letterhead]

Date:

To:

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

Subject: Commitment Letter for Allocation of Suitable Manufacturing Capacity

Dear Sir/Madam,

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

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

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

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

Sincerely,

Authorized Signatory Name:

Designation:

Contact Details:

Seal & Signature

Format-13

Bidder's Experience

(To be submitted in letter head of the bidding company)

Ref. No. _____

Date: _____

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

Tel. No.:

Fax No.:

Email Address:

To

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

Sub: Request for Selection (RfS) of EPC Contractors/ RTS Vendors for Setting up of 1,198.21 MWp Grid Connected Rooftop Solar systems on identified SC-ST residential households with Division as cluster at APDISCOMs in in ULA (CAPEX) mode under PM Surya Ghar Scheme-reg.

Dear Sir/Madam

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

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

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

Signature of the authorized person:

Name of the authorized person:

Designation:

Date:

Stamp of Bidder:

ANNEXURE E

Information Checklist for Solar Rooftop Installations

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

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

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

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

B. Sub-project Information

Particulars	Response
Roof/ Plot Area for panel installation (sqm)	Roof area: sqm Land area for ground mount ¹ , if applicable: sqm Total area: sqm
Solar panel installations within premises include Note: Asbestos materials shall not be used for any of the activities under the Project. No installations will be on rooftops identified as containing asbestos due to the risks posed to the installers. Its presence or absence in the rooftop will be confirmed by a competent asbestos surveyor of the EPC contractor.	Only rooftop Combination of both rooftop and ground mount Only Ground mount within the premises Sloping roof, if any (mention type of roofing material RCC/GI sheet /Tiles/Others)
Installed capacities (kW)	Rooftop (including sloping roof) kW Ground Mount: kW Total Capacity: (kW)
Geographical/GPS Coordinates of Installation Site	Latitude: Longitude:
State whether the roof has safe access and if the roof owner has been informed about the consent for the installation of solar panels without compromising on other utility requirements of the roof like overhead tank, circulation area etc.	Yes No

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

State if water for cleaning of solar panels is available on a weekly basis (approx. 10 litres/ cleaning cycle per KW)	Yes No
State whether a toilet facility is available for the workforce at the time of installation of panels.	Yes No

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

Name:

Contact No.:

Email:

Date:

Place:

Aggregator/ EPC Contractor of Sub-borrow

ANNEXURE F²

NABARD's Prohibited Investment Activities List

The following do not qualify for NABARD's financing:

- Production or activities involving harmful or exploitative forms of forced labor³ or child labor;⁴
- Production or trade in any product or activity deemed illegal under host country laws or regulations or international conventions and agreements or subject to international phaseouts or bans, such as:
 - pharmaceuticals,⁵ pesticides and herbicides,⁶ (b) Ozone-depleting substances,⁷ (c) Polychlorinated biphenyls⁸ and other hazardous chemicals,⁹ (d) Wildlife or wildlife products regulated under the Convention on International Trade in Endangered Species of Wild Fauna and Flora,¹⁰ (e) Transboundary trade in waste or waste products¹¹
- Production or trade in weapons and munitions, including paramilitary materials.
- Production or trade in alcoholic beverages, excluding beer and wine.
- Production or trade in tobacco.¹²
- Gambling, casinos, and equivalent enterprises.¹³
- Production or trade in radioactive materials,¹⁴ including nuclear reactors and components thereof.
- Production or trade in unbonded asbestos fibers.¹⁵

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Commercial logging operations or the purchase of logging equipment for use in primary tropical moist forests or old-growth forests.
- Marine and coastal fishing practices such as large-scale pelagic drift net fishing and fine mesh net fishing harmful to vulnerable protected species in large numbers damaging to marine biodiversity habitats.

ANNEXURE G¹⁶

Environmental and Safeguards Checklist

Environmental Safeguard Checklist

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

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

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

Environment Health and Safety due diligence of Sub-project

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

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

Declaration-Undertaking:

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

Name:

Contact No.:

Email:

Date:

Place:

Aggregator/ EPC Contractor of Sub-borrower

ANNEXURE H¹⁷

Social Safeguards checklist

Social Parameters

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

Indigenous Peoples Screening

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

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