

Reply to Vendor Queries raised during Pre- Bid meeting conducted on 28.04.2022 at Canara Bank Circle Office, Mangaluru

S.No	Pg.No	Tender Clause No	Tender Clause	Vendor Queries	Clarification
1	6 of 75	Pre- Qualification Criteria	<p>(Documentary proof for each item is to be furnished with Tender document)</p> <p>1. The firm shall be in the business of Supply, installation, testing, commissioning and maintenance of Rooftop Solar Photo Voltaic Power Plants for the last 7 years. (A copy of certificate of incorporation/registration shall be furnished along with the bid in support of above)</p> <p>2. The firm should have successfully completed the Design, Supply, installation, testing, commissioning of at Least 5 (Five) number of On- Grid Rooftop Solar Photo Voltaic Power Projects of capacity not less than 100 KWp each plant for the Government / Semi-Government / Government of India Undertaking / Corporate Bodies/Industries/Business Houses in South India (Karnataka/ Kerala/Tamilnadu/Andhra Pradesh/Telangana/Maharashtra/Goa) during last five years with effective from 01 – 04 – 2017 to 31 – 03 – 2022.</p> <p>A copy of the Work order / Contract / Agreement and Commissioning certificate of the each plant is to be attached along with Tender.</p>		Please refer attached modified " Pre- Qualification Criteria" (Annexure 1)

			<p>The Completion Certificates from the Client giving the below mentioned details for each Solar PV Power Plant is also to be submitted along with the Tender</p> <p>a) Capacity of the installed Grid Connected Roof Top Solar PV Power Plant</p> <p>b) Location and Address of the PV Power Plant</p> <p>c) Whether Grid Connected or Not.</p> <p>d) Date of Commissioning of the Plant.</p> <p>e) Value of completed work.</p> <p>f) Name and Contact Details of the Owner of the PV Power Plant.</p> <p>3. The Tenderer shall be financially sound and should have achieved an average annual financial turnover of Rs. 90 Lakh in last three consecutive financial years ending on 31.03.2021. (Copies of audited profit and loss accounts statement accompanied by relevant schedules for turnover figures is to attached along with the Tender).</p> <p>4. The firm shall have valid GST Registration Certificate.</p> <p>5. The firm shall have valid PAN.</p> <p>6. Firm shall have a local Office in the state of Karnataka of reasonable size with necessary equipment and supporting staff. Details of the local office set up with necessary documents is to be submitted along with the Tender.</p>		
2	30 of 75	30.1 Payment Terms:	<p>ii). No mobilization advance amount will be paid to the firms. Payments to the contractor will be regulated as below:</p> <p>a) 65 % of the cost of equipments against supply / delivery of equipments at site, duly unpacked and supported by necessary documents / test certificates etc, and certification of Engineer in charge.</p> <p>b) 30 % upon installation, commissioning and upon handing over of the solar power plant after successful testing & commissioning at site.</p> <p>c) 5% at the end of the Comprehensive Annual Maintenance Contract Period; this can be released against Bank guarantee for equivalent amount in favour of the Bank for the warranty period in approved Bank's format.</p>	<p>We request you to revise the payment terms as follows:</p> <ol style="list-style-type: none"> 1. 10% Advance Payment.(We will provide BG for 10% Payment). 2. 50% on against material receipt on site. 3. 30% on against Erection, Installation of the Solar Power Plant. 4. 10% payment will be made on satisfactory commissioning. 	<p>The referred Tender clause remains unaltered.</p>

3	21 of 75	12. EARNEST MONEY, RETENTION MONEY & TOTAL SECURITY DEPOSIT	The remaining 50% of the retention amount will be refunded to the contractor, after deducting any sum due from the contractor on any account under this contract, 14 (fourteen) days after 5 YEARS at the end of Comprehensive Annual Maintenance Contract period provided, the contractor has satisfactorily carried out all the work and attended to all defects in accordance with the conditions of the contract.	We request you to kindly revise as: The remaining 50% of the retention amount will be refunded to the contractor, after deducting any sum due from the contractor on any account under this contract, 14 (fourteen) days after end of Defect Liability Period (i.e 1 year from the Commissioning of the system)	The referred Tender clause remains unaltered.
4	2 of 75	3). TIME OF COMPLETION:	90 days from Acceptance of work order by the vendor including mobilization period.	We request you kindly amend Completion period as 120 days.	The referred Tender clause remains unaltered.
5	53 of 75	SCOPE OF WORK:	3. In case of grid failure, the standby inverter shall create a captive grid and SPV power keeps feeding to this captive grid.	As per tender, On grid Inverter is required. If power grid failure, On grid inverter will automatically turn off. Kindly confirm Inverter is Hybrid Inverter or Grid Tie Inverter.	Grid tie inverter is to be provided. In case of grid failure, solar inverter should automatically cut off flow of power from SPV plant to the grid.
6	59 of 75	13. DC Distribution Board (DCDB)	The bus bars shall be made of copper of desired size. Suitable capacity MCBs along with necessary surge arrestors shall be provided for controlling the DC power output to the PCU/Inverter.	On grid is Inverter will have Inbuilt isolators. So don't need additional MCB's. Hence Kindly remove DCDB Clause.	DC DB is to be provided as per the Tender clause.
7	60 of 75	14. Cables and Accessories	Cables should be FRLS PVC insulated Copper Conductor armoured Cables of 1100 V	Kindly consider DC cables as copper material and AC cables as Aluminium material.	Cables should be FRLS PVC insulated Copper Conductor armoured Cables of 1100 V Grade for DC power supply and copper conductor/Aluminium conductor power cables for AC power. Cables shall conform to IS: 1554 / IEC 60502/I.S 7098 (Part -1) 1988 AND IS 694 / IEC 60227
8	55 of 75	5. Module Mounting Structure	The array structure shall be made of hot dip galvanized MS angles/anodized aluminum of size not less than 50 mm x 50 mm x 6 mm size. The minimum thickness of galvanization shall be at least 120 microns.	Kindly consider Pre galvanized sheet metal.	The array structure shall be made of hot dip galvanized MS angles of size not less than 50 mm x 50 mm x 6 mm size./Anodised Extruded Aluminium structure/Anodised Aluminium mono rail structure with full length rail conforming to relevant I.S Standard/MNRE regulations. Aluminium structures/mono rails used shall be capable of withstanding the wind speed of local wind zone The minimum thickness of galvanization shall be at least 120 microns.
9	57 of 75	7. Grid Interactive Inverter/PCU	xx. The system shall be capable of automatic operation with automatic wake-up in the morning and providing supply to the load after synchronizing with Grid/DG supply.	Kindly confirm Reverse Power Flow Relay is required or not.	The system shall be capable of automatic operation with automatic wake-up in the morning and providing supply to the load after synchronizing with Grid supply. D.G power supply will not be linked with SPV power supply.

10				Weather Sloar Panel shall be ALMM approved? Solar panel shall be ALMM Approved with valid documnets as it is compulsory for Govt. Instiututions & Undertakings	Solar Panel shall be ALMM approved. The Valid documents shall be submitted.
11				MESCOM PPA signed docs for atleast 3nos of 100KWp Solar project from the Solar Integrator (Contractor).	The Tender clause remains unaltered.
12	3 of 75	6. Date of Submission 7.Date of opening	Date of Submission: Sealed envelope to be submitted on or before 05.05.2022 upto 3.00 pm. Date of Opening: Technical & Commercial Bid will be opened on 05.05.2022 at 3.30pm		Date of Submission: Sealed envelope to be submitted on or before 16.05.2022 upto 3.00 pm. Date of Opening: Technical & Commercial Bid will be opened on 16.05.2022 at 3.30pm