

CORRIGENDUM

TECHNICAL SPECIFICATIONS:-			
A. SPV Home lighting system:-			
	Detail of technical	Requirement	Corrigendum
<u>I</u>	<u>SPV Module (s)</u>		
<u>i)</u>	<u>Wattage to be used</u>	<u>200 Wp</u>	<u>75 W ***</u>
<u>ii)</u>	<u>Type of module</u>	<u>Poly Crystalline Silicon</u>	<u>Poly/Mono Crystalline silicon</u>
<u>xiii)</u>	<u>Battery should have a minimum rating of 12V 40 AH at C/20 rate of discharge depending on the model</u>	<u>To be mentioned</u>	<u>C/20 to be read as C/10</u>
<u>3.</u>	<u>Battery Box :</u>		
<u>i)</u>	<u>Battery Box Material :</u>	<u>Pre- coated galvanized sheet of >1.0 mm thick</u>	<u>Pre- coated galvanized sheet of > 1.0 mm thick/ ABS Polymer</u>
<u>ii)</u>	<u>Battery Box Protection</u>	<u>Powder- coating of 80 micron thickness</u>	<u>Powder – coating of 80 micron thickness/ ABS Polymer</u>
<u>4.</u>	<u>Electronic:</u>		
<u>v)</u>	<u>Wave form type</u>	<u>Sine or quasi- sine</u>	<u>N/A</u>
<u>vi)</u>	<u>Frequency</u>	<u>20-35 KHZ</u>	<u>N/A</u>
<u>8.</u>	<u>DC Fan</u>	<u>1 x 12V</u>	<u>1 x 12W</u>
<u>9.</u>	<u>Solar Charger</u>	<u>1 x 20W</u>	<u>1 x 20A</u>

B. SPV STREET LIGHTING SYSTEM :

Sl. No	Details of technical	Requirements	Corrigendum
1.	Electronics		
iii)	Light output	<u>> 5000 lumens</u>	<u>>500 lumens</u>
xiv)	LED lenses	<u>Peanut lenses</u>	<u>Suitable optics</u>
xix)	Driver efficiency	<u>92%</u>	<u>> 85%</u>
xx)	Driver current	<u>≤ 400mA</u>	<u>≤ 800mA</u>
xxvi)	The operating voltage corresponding to the Power output mentioned above	<u>16.4V</u>	<u>12 V</u>
xxix)	CM 80 report for white LED chip	<u>To be submitted</u>	<u>LM-80</u>
xxxiii)	Minimum Power at Vmax	<u>30W</u>	<u>75W</u>
2.	SPV Module:		
i)	Wattage should be	<u>30 Wp</u>	<u>75 W</u>
vii)	Power output of the Module under STC	<u>Should be minimum of 30 WP a load voltage 16.4+0.2V</u>	<u>75 W</u>

		Requirements.	Corrigendum
3.	Battery Box:		
1)	Battery Box material	Pre- coated galvanized hut of > 1.0 mm thick	Pre- coated galvanized sheet of >1.0mm thick/ ABS Polymer
ii)	Battery Box protection	Powder –coating of 80 micron thickness	ABS Polymer
4.	Pole :		
i)	Type	Octagonal pole with 65 micron thick galvanizing	GI cylindrical pipe
ii)	Height	5 metres above ground	4 meter above ground
iii)	Thickness	5 mm	4 mm
v)	Top OD	90 mm	76 mm
5.	Inbuilt protections:		
vi)	Short circuit protection for battery	Auto resettable circuit should be provided	N/A

NB :- Wherever corrections have been made as above these items may be deemed to have been amended accordingly in every page of the tender document