

**ANNEXURE 2**  
**LIST OF FASTENERS REQUIRED FOR 50 kWp HORIZONTAL AXIS PASSIVE TRACKERS**

<i>Sl. No.</i>	<i>Description</i>	<i>Quantity Per Item</i>	<i>No. of Items</i>	<i>Total Quantity Reqd.</i>	<i>Material</i>	<i>Place of Fixing</i>
1	M16 NUT & 3 mm THICK FLAT WASHER	4	42	<b>168</b>	SS 304	Pole
2	M16 x 65 LONG HEX. HD. BOLT WITH NUT & 2 Nos. OF 3 mm THICK FLAT WASHERS	2	72	<b>144</b>	SS 304	Plummer Block
3	M12 x 25 LONG HEX. HD. BOLT WITH NUT & 2 Nos. OF 2 mm THICK FLAT WASHERS	2	216	<b>432</b>	SS 304	Main Frame
4	M6 x 15 LONG HEX. HD. BOLT WITH NUT & 2 Nos. OF 1 mm THICK FLAT WASHERS	4	180	<b>720</b>	SS 304	PV Panel
5	M8 x 20 LONG HEX. HD. BOLT WITH NUT & 2 Nos. OF 1.5 mm THICK FLAT WASHERS	72	6	<b>432</b>	SS 304	Stopper bracket
6	M8 x 25 LONG HEX. HD. BOLT WITH NUT & 2 Nos. OF 1.5 mm THICK FLAT WASHERS	2	144	<b>288</b>	SS 304	Fixed end bracket
7	M8 x 20 LONG HEX. HD. BOLT WITH NUT & 2 Nos. OF 1.5 mm THICK FLAT WASHERS	2	144	<b>288</b>	SS 304	Moving end bracket
8	M12 x 65 LONG HEX. HD. BOLT WITH NUT, 2 Nos. OF CHECK NUTS & 5 Nos. OF 1.5 mm THICK FLAT WASHERS	1	144	<b>144</b>	SS 304	Shock Absorber (Fixed End)
9	M12 x 65 LONG HEX. HD. BOLT WITH NUT, 2 Nos. OF CHECK NUTS & 5 Nos. OF 1.5 mm THICK FLAT WASHERS	1	144	<b>144</b>	SS 304	Shock Absorber (Moving End)