

Annexure-C
Technical Specifications

Item wise Technical Specifications		
Enq. Item SL.No	Item Description and Technical Specifications	Qty
10	<p>FEMALE AND MALE PV CABLE CONNECTOR MC4</p> <p>Rated voltage: 1000VDC Rated current: 39 Amperes or higher Rated Impulse Voltage: 12 kV Ambient Temperature: (-40°C to +85°C) Upper Limiting Temperature: +120°C Degree of protection: IP65 and above Contact resistance of plug connectors should be less than or equal to 0.25 milli ohm Cable OD range: Ø 6.0mm +/-2% Type of terminal: Crimping Contact material: copper, tin plated Insulation material: Polycarbide (PC)/ Polyamide (PA) Locking/Unlocking system: Manual type Flame class: UL94 V-O Material safety: RoHs, REACH Compliant or other equivalent International standard</p>	1000
20	<p>PV DC FUSE (15AMPS)</p> <p>Item name: Photo voltaic DC fuse Rated voltage: 1000 VDC Ampere rating: 15Amps Fuse class: Photo voltaic Connection/terminal material: Tin Plated copper Connection/Terminal type: ferrule Product Diameter :10.414 mm +/- 1% Product Length: 38.1 mm +/- 1% Material safety: RoHs or other equivalent International standard</p>	600
30	<p>PV DC FUSE (3 AMPS)</p> <p>Item name: Photo voltaic DC fuse Rated voltage: 1000 VDC Ampere rating: 3 Amps Fuse class: Photo voltaic Connection/terminal material: Tin Plated copper Connection/Terminal type: ferrule Product Diameter :10.414 mm +/- 1% Product Length: 38.1 mm +/- 1% Material safety: RoHs or other equivalent International standard</p>	30

40	<p>FEMALE AND MALE PV PANEL CONNECTOR MC4</p> <p>Rated voltage: 1000VDC Rated current: 39 Amperes or higher Rated Impulse Voltage: 12 kV Ambient Temperature: (-40°C to +85°C) Upper Limiting Temperature: +125°C Degree of protection: IP65 and above Contact resistance of plug connectors should be less than or equal to 0.25 milli ohm Cable OD range: Ø 6.0mm +/-2% Type of terminal: Crimping Contact material: copper, tin plated Insulation material: Polycarbide (PC)/ Polyamide (PA) Locking/Unlocking system: Manual type Flame class: UL94-VO Material safety: RoHs, REACH Compliant or equivalent International standard</p>	50
----	--	----