International Centre for Theoretical Sciences
Tata Institute of Fundamental Research

Name of work: Supply, Installation , Testing & Commissioning of Solar PV Panel Roofing systems for Car Parking and cables for connecting solar system at CTS campus, Shivakote village, Bengaluru.

Financial Bid

Ref - ICTS/TIFR/RFQ/91/2016-17

Sl No.	Description	Unit	Qty	Rate	Amount
1	**Solar system roofing for car parking having following specification** Total area for roofing 78 sqm Solar panel specification: Solar panels capacity - 5 KW Each panel capacity - 250 watt Total no panels - 20 Solar system roofing for car parking having following specification Total area for roofing 78 sqm Solar panel specification: Solar panels capacity - 5 KW Each panel capacity - 250 watt Total no panels - 20 Type of solar system - Mono crystalline or 120 Silicon No of cells - 60 Maximum power rating - 255 Wp Warranted Minimum power - 242.7 Wp Open circuit voltage (Voc) 37.5 to 38.5 V Short circuit current (Isc) - 8.5 A to 9.5 A Module efficiency - 14% minimum Aperture efficiency - 16% and above DC voltage - 24 Volt Static load test - 5200 pa No of bus bar per module - 4 to 5 Max system voltage - 600 Volt Fuse rating - 15 A Dimesnion - 1.6m×1.01 m×0.0045m Weight - 20 Kg Certification - IEC 61215, 61646 UL 17605 Fire rating - Class C Operating temp - -40 deg to 85 deg Net metering - 1 No DC wire - 100 meter Inverter of 15 KVA - ABB, Siemens, Schnieder, SME, Flinn energy	2.00	No		
2	Supply installation testing and commissioning of 3C, 16 sqmm armored aluminum cable from the inverter to the panel room through earth excavation and bricks filling above the cable. Termination of cable on inverter side as well as panel side. Total no of termination - 4	433.00	Mtr		
	Total Rs.				
	Add: Taxes if any				
	Grand Total Rs.				

Total Amount in Words

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