

THE AGRICULTURAL PRODUCE MARKET COMMITTEE- RAJULA**DIST :- AMRELI****SCHEME :- DMF (DISTRICT MINARAL FOUNDATION) GRANT****NAME OF WORK :- SUPPLYING AND FITTING OF SOLAR PANEL****Location :R.S.No. 300/1, Old A.P.M.C. Campus, Chhatadiya Road, At. Rajula, Taluka : Rajula, Dist. : Amreli.****SCHEDULE - B2**

I. No.	Item Description	Qty.	Rate	Per	Amount
1	Supply, Installation, Testing & Commissioning of following size of Grid Tied Solar Power Plant with Solar Panels (ALMM approved): Frame Material : Anodized Aluminum alloy Frame With Twin Wall Profile, Front Cover : High Transmission Low-Iron Tempered Glass (AR Coated), High efficiency and positive power tolerance Pmax: 0/+5,				
	Module Efficiency should be approx. 18%-21%, Normal operating temperature 45'C, Junction Box with Waterproof IP67 & MC4 Compatible and Enclosed with Bypass diodes, 100% Electroluminescence test to ensure error free Modules, Thep. temp. co-efficient of the PV module shall equal or better than -0.45%/degree C. Solar PV modules of minimum fill factor 75% to be used. Unit Production:- 4 to 5 Unit /kw /day (Actual)(1Year Avg) With 10 year Product warranty and 25 year Linear Power Warranty.,				
	Solar Inverter: MPPT Range: 80-1000 V, Max efficiency: 97.5% - 98.9%, O/p Frequency: 50/60Hz, Operating Altitude (m) ≤4000, O/p Power Factor: ~1, O/P THDi: <3%, Operating Temperture Range: -25~60°C, Anti-islanding Protection:				
	Integrated, Input Reverse Polarity Protection Integrated, Insulation Resistor Detection Integrated, Residual Current Monitoring Unit Integrated, Output Over Current Protection Integrated, Output Short Circuit Protection Integrated,				
	Output Over Voltage Protection Integrated, Protection Degree: IP65, User Interface LCD & APP,Datalogger & Communication: GPRS / Wi-Fi, Module Mounting Structure: Seamless Box Pipe / 'C' Channel of suitable size for rooftop solar installations with good stability agaist wind & weight load., Hot Dipped Galvanized steel coils. suitable arrangement for base plate for foundation , solar panel mounting, the structure should be suitable for carry the load of solar panel,wiring, sprinkler system etc.				
	with necessary foundation work/ wall mount, j bolt, anchor fastner etc. the nut bolt used for installtion of stucture should be (SS 304) quality. and Balane of System with necessary Swithgears (Suitabel size and protection of ACDB & DCDB), inter connecting wiring, earthing system, lightning arrester system, all liasoning work with various gov. dipartment like state nodal agency, DISCOM & CEIG is included in agency scope				

I. No.	Item Description	Qty.	Rate	Per	Amount
	(Excluding GEDA Application fees, Solar connectivity Charges, Meter connectivity Charges, Meter testing Charges.)				
	Grid Tied Solar Power System: 10 kW (3 - phase)				
		10.00	42156.39	K.W.	421563.90
Total Amount Rs..					421563.90
Roundup Amount Rs..					421564.00

NOTE: Rate given in Price schedule are excluding GST. Contractor shall have quote the tender without GST. GST will be paid extra by A.P.M.C. - Rajula

Stamp with Signature of Contractor

Cons. Engineer
Vanraj K. Patel
Neha Consultancy (PMC)

Secretary
APMC - RAJULA
Rajula

Chairman
APMC - RAJULA
Rajula