

B.O.Q FOR ON GRID SOLAR SYSTEM FOR BANK OF BARODA AT ROURKELA .

SL	Particulars	MAKE			PRICE	AMOUNT
	Description		UOM	QTY		
A	Solar Modules					
1	Solar Panel MONO -550Wp As per BIS Standard & Certified	UTL	Kw	91		
2	Generation per year (kwh)	85,000 Unit APPROX				
B	Inverters On Grid type					
3	On Grid Solar Inverter 50kVA On-Grid String Solar Inverter (3 Phase)65kW As per IEC Standard & Certified	UTL	Pic	1		
4	Warranty on Inverters	5 YEAR				
C	DC & AC Protection					
5	DCDB 6 IN 6 OUT with DC Fuse & SPD		Set	1		
6	ACDB 2 IN 1 OUT with MCB & SPD with All protection (2 MCCB in Input & 1 MCCB In Output)		Set	1		
D	LA & Earthing					
7	Earthing GI 50mm X 2mtr + 50KG BFC Compound		Set	1		
8	ESE Lighting Arrester with Insulated Base		Set	1		
9	Earthing Conductor: GI strip (25mmx3mm)		Mtr	60		
10	LA-Earthing Conductor: GI strip		Mtr	60		
11	Earthing Chamber		Set	1		
E	Cables & Accessories					
12	DC Cable: Module to inverter - 4 Sqr MM CU DC cable (as per site condition)	FINOLEX/POLYCAB	Mtr	200		
13	AC Cable: Inverter to ACDB- 50 Sqr MM sqr mm 1C (as per site condition)	FINOLEX/POLYCAB	Mtr	60		
14	AC Cable ACDB to LT panel - 185SQR MM (as per site condition)	FINOLEX/POLYCAB	Mtr	60		
F	Panel Mounting Structure					
15	G.I structure for RCC flat roof withstanding wind pressure of 200k.m /hr as per requirement including all hardware, labour and materials.					
16	Panel Nut bolt (SS) with MID Clamp & End Clamp	for 50 Kw	Job	1		

G Plant Monitoring System & Metering						
17	RMS		Set	1		
18	Generation Meter (L1CT Type with CT) Generation Meter - 3Ph					
19	Data Charge / Wi Fi					
H Miscellaneous						
20	Module Cleaning System With Sprinkler & pump As Required for Successfully Operation of Sprinkler Sprinkler to be used 1 nos, with Clamps for each module & CPVC Pipe To be used for Plumbing	for 50 Kw	Job	1		
21	Lugs, MC4 Connector, Cable tie, PVC Tape, PVC Ferrules, Name Plate, Danger Board, PVC Conduit, Etc.....	1 set				
22	Cable Tray - FRP Cable Tray of 50X50X3mm With Cover	as per requirement				
23	Cable Tray - FRP Cable Tray of 100X50X3mm With Cover	as per requirement				
24	Walkway - FRP Walkway (300X4200X30MM)	1set				
25	CEIG Inspection	as per requirement				
26	Safety Life Line With Complete Accessories	as per requirement				
I Liasoning With TPCODL						
	Liasoning charge for Net meter Instalation & Commissioning		Job	1		
TOTAL						

Total amount in words:-

	Note	
1	Solar panel performance warranty	25 years
2	Solar panel manufacturer warranty	10 years
3	Inverters warrenty	5 years
4	Remote Monitoring & BOS	2 years

The above rate is exclusive of GST

Signature Stamp of Vender .