

IST LIMITED
TENDER DOCUMENT FOR ROOF TOP GRID CONNECTED SOLAR POWER PLANT
150 KWp

SNo.	Description	Technical Specification & compliance	Qty.	Rate	Value
1	Polycrystalline PV Module	To be provided			
2	Solar String inverter 3 phase 415 volt	To be provided			
3	Galvanized/Aluminum module mounting structure for industrial roof with SS 304 nut, bolt, washer	To be provided			
4	Balance of system	To be provided			
5	MC4 connectors for DC cable connecting (suitable for module connectors) male and female for connecting array string to inverter	To be provided			
6	Web monitoring unit	To be provided			
7	Grid interfacing panel	To be provided			
8	Cable UV protected DC Solar cable for module to module, inter connection to inverter	To be provided			
9	Copper flexible cable for connection of inverters - grid interfacing panel connection	To be provided			
10	XLPE copper AC cable for connecting inverter to the client LT panel	To be provided			
11	Single core copper flexible cable for inverters earthing	To be provided			
12	CAT 6 communication cable	To be provided			

13	Suitable size of uPVC conduit pipe for AC and DC cable with complete accessories like T ,bend, coupler 2 way-3 way type for DC and AC cable routing	To be provided			
14	GI Cable tray for AC/DC cables	To be provided			
15	Copper strip for lightening Arrestor & structure earthing	To be provided			
16	GI Strip of for Structure earthing	To be provided			
17	Lightening Arrestor	To be provided			
18	Earthing KIT	To be provided			
19	Copper lugs and thimble for cable termination.	To be provided			
20	Any other items to complete the plant	To be provided			
21	Loading , un loading . Installation and commission of structure, material supply, module mounting, cable laying and terminations, crimping of lugs, inverter commissioning, GIP installation and commissioning. Earth KIT installation with earth pit cover e.t.c				
22	TOTAL				
23	TAX				
24	GRAND TOTAL				

IST LIMITED
TENDER DOCUMENT FOR GROUND MOUNTED GRID CONNECTED SOLAR
POWER PLANT 250 KWp

SNo.	Description	Technical Specification & compliance	Qty.	Rate	Value
1	Polycrystalline PV Module	To be provided			
2	Solar String inverter 3 phase 415 volt	To be provided			
3	Galvanized/Aluminum module mounting structure for industrial roof with SS 304 nut, bolt, washer	To be provided			
4	Balance of system	To be provided			
5	MC4 connectors for DC cable connecting (suitable for module connectors) male and female for connecting array string to inverter	To be provided			
6	Web monitoring unit	To be provided			
7	Grid interfacing panel	To be provided			
8	Cable UV protected DC Solar cable for module to module, inter connection to inverter	To be provided			
9	Copper flexible cable for connection of inverters - grid interfacing panel connection	To be provided			
10	XLPE copper AC cable for connecting inverter to the client LT panel	To be provided			
11	Single core copper flexible cable for inverters earthing	To be provided			
12	CAT 6 communication cable	To be provided			

13	Suitable size of uPVC conduit pipe for AC and DC cable with complete accessories like T ,bend, coupler 2 way-3 way type for DC and AC cable routing	To be provided			
14	GI Cable tray for AC/DC cables	To be provided			
15	Copper strip for lightening Arrestor & structure earthing	To be provided			
16	GI Strip of for Structure earthing	To be provided			
17	Lightening Arrestor	To be provided			
18	Earthing KIT	To be provided			
19	Copper lugs and thimble for cable termination.	To be provided			
20	Any other items to complete the plant	To be provided			
21	Loading , un loading . Installation and commission of structure, material supply, module mounting, cable laying and terminations, crimping of lugs, inverter commissioning, GIP installation and commissioning. Earth KIT installation with earth pit cover e.t.c				
22	TOTAL				
23	TAX				
24	GRAND TOTAL				

IST LIMITED

PROJECT SITE DETAILS

PROJECT DETAILS		
1	NAME OF PROJECT	IST LIMITED
2	ADDRESS OF SITE	VILL. KAPRIWAS, DHARUHERA, DISTT. REWARI, HARYANA-123110
3	NAME OF CONTACT PERSON	ANIL TULSHYAN/SHER SINGH
4	CONTACT PHONE NO.	9871524111/9818235746
5	E MAIL ID	ist_limited@yahoo.com/yadav_shersingh@yahoo.com
SITE DETAILS		
1	CAPACITY OF SOLAR PLANT REQUIRED	1. 150 KW, ROOF TOP GRID CONNECTED. 2. 250 KW GROUND MOUNTED GRID CONNECTED.
2	TYPE OF ROOF	GI SHEET SHED
3	ROOF AREA AVAILABLE	2600 SQ. MTRS.
4	GROUND PLAIN AREA	12000 SQ.MTRS
ENERGY DETAILS		
1	SANCTION LOAD	500 KW
2	CONSUMER CATEGORY	HT
3	INTERNAL SUPPLY VOLTAGE	415 VOLT, 3 PHASE, 50 HZ
4	AVG. MONTHLY GRID CONSUMPTION	1.00 LAC UNITS
5	MINIMUM DAY TIME GRID COMSUMPTION(WINTER)	2500 UNITS
6	MINIMUM DAY TIME GRID CONSUMPTION (SUMMER)	4000 UNIT
7	DG BACK UP CAPACITY	1255 KVA(125 X 2, 380 X1, 625 X 1)

DETAILS OF TENDERING COMPANY

SNO.	DESCRIPTION	INFORMATION REQUIRED
1	NAME OF THE COMPANY	
2	ADDRESS	
3	NO. OF YEARS IN SOLAR BUSINESS	
4	NO. OF SOLAR PLANT INSTALLED	GIVE DETAILS ALONG WITH CAPACITY & YEAR OF INSTALLATION
5	ACCREDITATION	IF ANY