Rooftop Solar Data Collection Form

Table A:

Sr. No.	Particulars	Details
1	Name of Department	INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
2	Type of Establishment (CPSU/ State PSU/ Central Government/ State Government / Autonomous body under Central or State Government)	Autonomous body under Central Government
3	Head office address	IIT Kharagpur, West Bengal, 721302
4	Nodal Person for rooftop solar Name: Designation: Mobile Number: E-mail id:	Mr. Sabyasachi Ghosh Deg : Sr. Executive Engineer 9434369369 sghosh@hijli.iitkgp.ac.in
5	States where entity has establishments and wants to explore rooftop solar	West Bengal
Within the state, please provide following details for the establishments		
6	Address of the establishment	IIT Kharagpur, West Bengal, 721302
7	Number of Buildings in Department	40 roof tops , 2 ground mounted elevated structures and 1 ground mounted structure with normal height
8	Name of Electricity provider/ Distribution Company	West Bengal State Electricity Distribution Company Ltd
9	Sanctioned Load (kW)	9.5 MVA
10	Total Electricity bill of preceding year (INR lakhs)	Rs 388805786.00
11	Total no. of electricity units consumed in preceding year (kWh)	46141800 kWh
12	Land available for ground mounted (Yes/No)	Yes
13	Copy of Electricity Bill	Attached
14	Any dues not paid to the electricity provider (pending for last six months or more)	NIL
15	Preferred tenure of PPA	25 years

Within establishment, please provide following details for the buildings:
Table B:

Sr. No.	Building Name / Number	Total shadow free rooftop area (In Sq Mtrs)	Height of Building (Metres)	Building Age as on July 2021 (Years)	Connected Load / Incoming feeder rating (kW/kVA)	Please specify Roof Type (RCC/ GI Sheet/ Asbestos etc.)	Undisturbed availability of rooftop for solar plant life	Shadow Free Land Available for solar (In Sq Mtrs)	Building Latitude – Longitude Details
1	MT Hall	900	12	10	400 KW	RCC			22ºN,87ºE
2	MS Hall	800	12	10	400 KW	RCC			22ºN,87ºE
3	MMM Hall	1400	15	13	800 KW	RCC			22ºN,87ºE
4	BRAH	700	15	11	800 KW	RCC			22ºN,87ºE
5	LLR Hall	900	9	25	400 KW	RCC			22ºN,87ºE
6	KV School	1400	12	8	400 KW	RCC			22ºN,87ºE
7	Chem. Engg	1400	12	0	800KW	RCC			22ºN,87ºE
8	Org. Chem	700	10	25	400KW	RCC			22ºN,87ºE
9	Mech. W.Shop	500	10	10	800 KW	RCC			22ºN,87ºE
10	Mining	475	10	5	300 KW	RCC			22ºN,87ºE
11	Aerospace	475	15	5	600 KW	RCC			22ºN,87ºE
12	E&ECE	700	12	25	600 KW	RCC			22ºN,87ºE

13	Comp Sc Annex	475	5	12	300 KW	RCC			22ºN,87ºE
14	JCB Hall	700	10	25	200 KW	RCC			22ºN,87ºE
15	VS Hall	900	12	35	400 KW	RCC			22ºN,87ºE
16	Mech. office	525	12	35	200 KW	RCC			22ºN,87ºE
17	Chem office	500	12	35	200 KW	RCC			22ºN,87ºE
18	Old SMST	475	12	35	200 KW	RCC			22ºN,87ºE
19	1BR & 2BR	1500	12	35	400 KW	RCC			22ºN,87ºE
20	Main Bldg.	400	15	50	1000 KW	RCC			22ºN,87ºE
21	Accounts	500	15	50	800 KW	RCC			22ºN,87ºE
22	BC Roy Hall	500	9	50	400 KW	RCC			22ºN,87ºE
23	VGH	500	10	25	350 KW	RCC			22ºN,87ºE
24	Netaji	500	15	50	300 KW	RCC			22ºN,87ºE
25	CRF	400	12	15	400 KW	RCC			22ºN,87ºE
26	Elect w0rk Shop	400	6	35	200 Kw	RCC			22ºN,87ºE
27	DAV school	500	12	1	300 KW	RCC			22ºN,87ºE
28	St. Agnes school	300	8	10	150 Kw	RCC			22ºN,87ºE
29	STEP	550	8	10	150 KW	RCC			22ºN,87ºE
30	RGSOIPL	1000	10	15	300 KW	RCC			22ºN,87ºE
31	CWISS	300	8	40	400 KW	RCC			22ºN,87ºE
32	NFA	1000	10	5	650 KW	RCC			22ºN,87ºE
33	Aquaculture	500	10	0	400 KW	RCC			22ºN,87ºE
34	32 NFA	500	22	0	350 KW	RCC			22ºN,87ºE

35	66 NFA	1000	10	1		RCC			22°N,87°E
36	Gurukul	2000	14	10		RCC			22°N,87°E
37	2 BR f	500	14	25		RCC			22°N,87°E
38	A 16,20,21, 31	400	5	50		RCC			22°N,87°E
39	G+7	400	25	5	350 KW	RCC			22°N,87°E
40	ABIC	250	7	1	100 KW	RCC			22°N,87°E
41	Bomb House							1200	22°N,87°E
42	Near KV School							1000	22°N,87°E
43	Balarampur Pump House							15000	22°N,87°E