



ENERGY REPORT

2022

ADITI MAHAVIDYALAYA UNIVERSITY OF DELHI



CONTENT	PAGE NO.
AUDIT CERTIFICATE	3
INTRODUCTION OF COLLEGE	4
AUDIT PARTICIPANTS	8
EXECUTIVE SUMMARY	9
ENERGY ANALYSIS	
1. ENERGY CONSUMPTION	10
1.1 ELECTRICITY CONSUMPTION SUMMARY	10
2. DIESEL CONSUMPTION	13
3. ANALYSIS OF DG SETS	13
4. AC SYSTEMS	14
5. CEILING FANS ANALYSIS	15
6. ANALYSIS OF LIGHTING SYSTEM	16
6.1 LED LIGHTING	22
7. ANALYSIS OF RENEWABLE ENERGY RESOURCES	22
8. OTHER POWER CONSUMPTION	24
9. RECOMMENDATIONS	26
Appendix	27

**ADITI MAHAVIDYALAYA
(UNIVERSITY OF DELHI)
BAWANA, DELHI-110 039.**

CERTIFICATE

This is to certify that the Energy Audit Report has been prepared based on the information provided by the college during the campus survey. The audit team has used its expertise and knowledge to suggest necessary recommendations for further maximizing sustainable resource used and minimizing energy consumption. This Energy Audit Report provides an accurate and fair assessment of the current energy usage of Aditi Mahavidyalaya along with providing a future course of action focusing on sustainable solutions.

Date : 8.6.2023

Place: Delhi

**PROF.RADHEY SHYAM SHARMA
DEPARTMENT OF
ENVIRONMENTAL STUDIES
UNIVERSITY OF DELHI
DELHI-110007.**



SIGNATURE

Professor R.S. Sharma
Department of Environmental Studies
University of Delhi
Delhi-110007, India

**DR.KAVITA SINGH
DEPARTMENT OF ENVIRONMENTAL STUDIES
MATA SUNDRI COLLEGE FOR WOMEN
(UNIVERSITY OF DELHI)
DELHI-110002.**



SIGNATURE

**DR.ASHISH THOMAS
DEPARTMENT OF ENVIRONMENTAL STUDIES
SGND KHALSA COLLEGE
(UNIVERSITY OF DELHI)
DELHI-110005.**



SIGNATURE

INTRODUCTION OF THE COLLEGE

Aditi Mahavidyalaya was established in 1994 and since two decades has been a pioneering institution bringing higher education to women students. Aditi Mahavidyalaya believes in bringing diversity in college education and hence recognizes and fosters the capacities and capabilities of the students coming from different socio-cultural and educational milieu. Aditi Mahavidyalaya plays a dynamic role in bringing in women empowerment to the marginalized women population of Delhi rural outskirts. Aditi Mahavidyalaya offers well designed honors and professional courses to make the students confident, skillful and self-reliant. Apart from these courses, students are motivated to participate in various co-curricular activities for their personality enhancement. The college is proud of the academic commitment of its faculty members and students, who have several achievements to their credit and have made valuable contribution to the field of academia.



The campus is fully “No-Smoking zone”. Ragging completely prohibited and punishable. All necessary measures are taken to ensure the safety of the students. Police picket with PCR van is provided for student’s safety. In addition, sensitization workshops and self-defense training is rendered to make the students empowered.



is

Aditi Mahavidyalaya is committed to academic excellence and values humanism. We empower our students for self-governance, participation and encourage the overall personality development. Energy and vitality for college activities comes from a collective sense of purpose, comradeship and social solidarity. It is a matter of great satisfaction and pride that Aditi Mahavidyalaya has grown not only in size but has also catered to the needs of the society for higher education and high social values. Our students have carved a place for themselves in the society.



The Legacy...traditions and institutional values

Aditi Mahavidyalaya has a rich legacy. It provided a unique opportunity to young women for quality higher education. They set for themselves high goals and ideals. They

worked for a new society in which women would enjoy equal opportunity with men in professional and public fields. In this, they were abetted by the founding faculty who were independent minded, and belonged to the select group of highly educated women in the country with a deep concern for quality of education they imparted. They were also charged with a spirit of adventure, steeped in idealism, and committed to women empowerment and the task of building a nation. Proud of their mission as early pioneers, they worked with single-minded devotion in setting the Aditi traditions. These attributes of total dedication have contributed in a large measure to the position of distinction occupied by the college. Over two decades of its existence, the college has grown from strength to strength, continuing to provide an atmosphere of high academic excellence and rich cultural activities to its students. The college has established a niche for itself in the recognized premiere institutions of higher learning.

Being a college established and maintained by the University, Aditi Mahavidyalaya has a special place among the women's colleges of the University of Delhi. Its location in the north west delhi , and its close interaction with the adjoining rural areas of Delhi gives it a unique advantage. Although a women's college, it is not a cloister. It welcomes interaction with other colleges and educational organizations across the country, actively engaging both men and women in all its extra mural activities, competing with the best on equal terms.

The extremely distinguished list of alumnae imparts a sense of confidence and immense pride in students. They view themselves as torch bearers of great traditions. All this propels them to often explore uncharted territory, think unfettered, and bend traditions in a bid to create a better world, especially for women.

Vision

Aditi Mahavidyalaya steer students towards introspection and self-learning in the college logo enshrines its understanding of what education must accomplish.

Aditi Mahavidyalaya envisions a world where women have their rightful place and are given due recognition as leaders to reach the top positions in all sectors of human endeavor. To give shape to this vision, Aditi Mahavidyalaya continually reaffirms and embraces its responsibility to build on its historic legacy of leadership in education of women. It remains strongly committed to addressing issues of gender in all their complexity and preparing the young women to lead professionally successful lives enriched by the love of learning build personally fulfilling lives

radiating integrity and strength of character sustain purposeful engagement with the world with an open mind and balanced perspective meet with confidence the challenges they will encounter in their lives flourish in different cultural milieus in an increasingly inter connected world uphold the core institutional values of respect for diversity, inclusiveness and humanism emerge as leaders charged with the wide as and capacity to make a difference.

Mission

The stated mission of the college is to provide

- stimulating active learning environment attracting young women with exceptional desire to make a difference to the world
- highest quality liberal arts and basic science education through distinctive academic programmes that instill rigour in the pursuit of knowledge
- culturally sensitive inclusive environment up holding core values of respect for diversity
- enriching co-curricular activities linking education to the world of work and communities
- dedicated and responsive faculty of scholars to assist each student fulfill aspirations and reach milestones
- competencies for new domains of knowledge and the future of work in a globally connected world
- early mentoring for leadership instilling capacity to explore wide, take intellectual risk, and her paradigm change

The college recognizes that there are no short cuts and what it takes to change the world. This report delineates the multiple ways in which the college ensures mission accomplishment.

Audit Participants

Name-Designation

Dr. Mamta Sharma -Principal, Aditi Mahavidyalaya

Prof. Radhey Shyam Sharma, Department of Environmental Studies,
University of Delhi

Dr. Kavita Singh- Mata Sundri College for Women, University of Delhi

Dr Ashish Thomas, SGND Khalsa College, University of Delhi

Dr Nalini Singh, Convener, Eco Club, Aditi Mahavidyalaya

Prof. Indu Nashier, Co-Covener, Eco Club, Aditi Mahavidyalaya

Prof. Manisha Wadhwa, Convener, Science Society, Aditi Mahavidyalaya



EXECUTIVE SUMMARY

The purpose of this Energy Report was to seek opportunities to improve the energy efficiency of the Aditi Mahavidyalaya. Reducing the energy consumption despite improving the human comfort, health and safety were of primary concern. Beyond just identifying the energy consumption pattern, this audit sought to detect and categorize the most energy efficient appliances. Additionally, some daily practices relating common appliances have been shared which may help reducing the energy consumption. Data collection for energy audit of the college was carried out by the EHS Alliance Team. The Energy Audit Report accounts for the energy consumption patterns of the college on actual survey and detailed analysis during the audit.

The work comprehends the area wise consumption traced using suitable equipment. The analysis was carried out by our team with the support of the staff members from Aditi Mahavidyalaya. The report provides a list of possible actions to preserve and efficiently access the available source, resources and their saving potential was also identified. We look forward towards optimization that the authorities, students and staff members would follow the recommendations in the best possible way. The report is based on certain generalizations including the approximations wherever necessary. The views conveyed may not reveal the general opinion. They merely represent the opinion of the team guided by the interviews of clients. We are happy to submit this Energy audit report to the Aditi Mahavidyalaya.

ENERGY AUDIT ANALYSIS

1. ENERGY CONSUMPTION

To understand the Energy Consumption trends and for analyzing the average monthly consumption we have collected electricity energy bills from Jan 2022 to Dec 2022

The details of “Meter Connection” at “Aditi Mahavidyalaya”

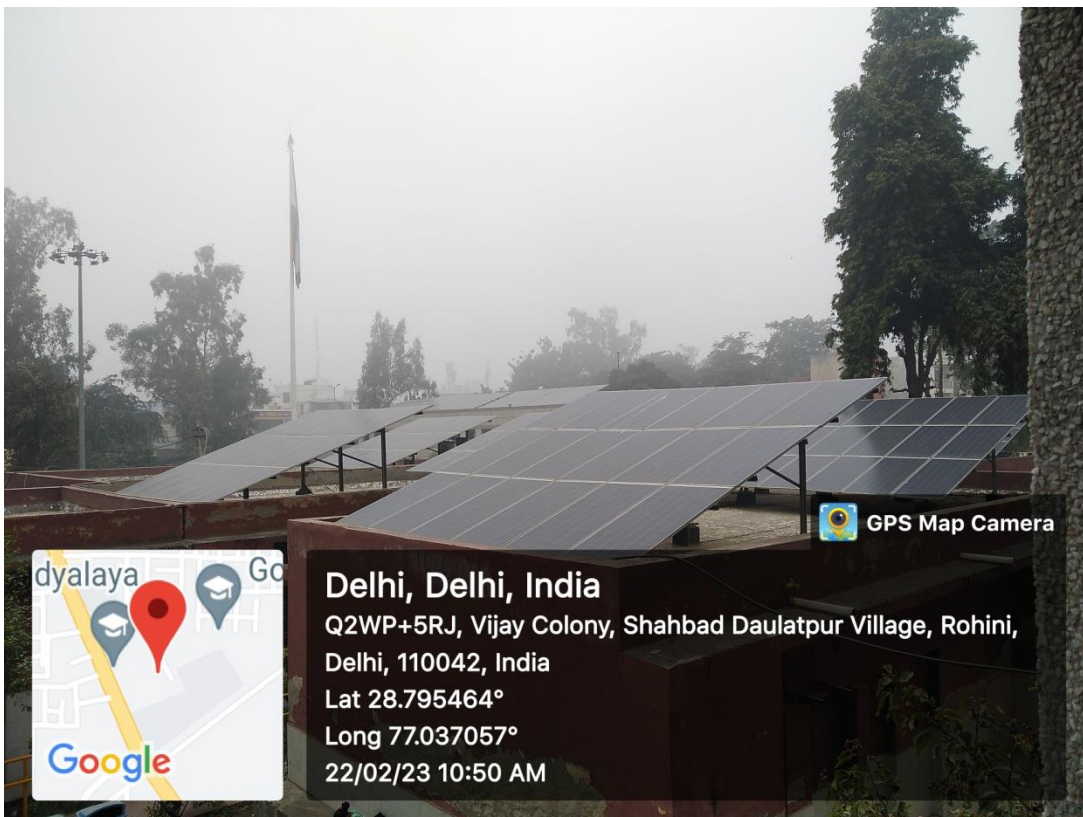
are as follows-Name - The Principal

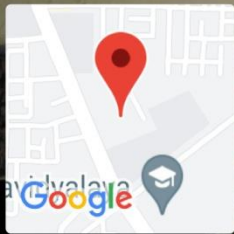
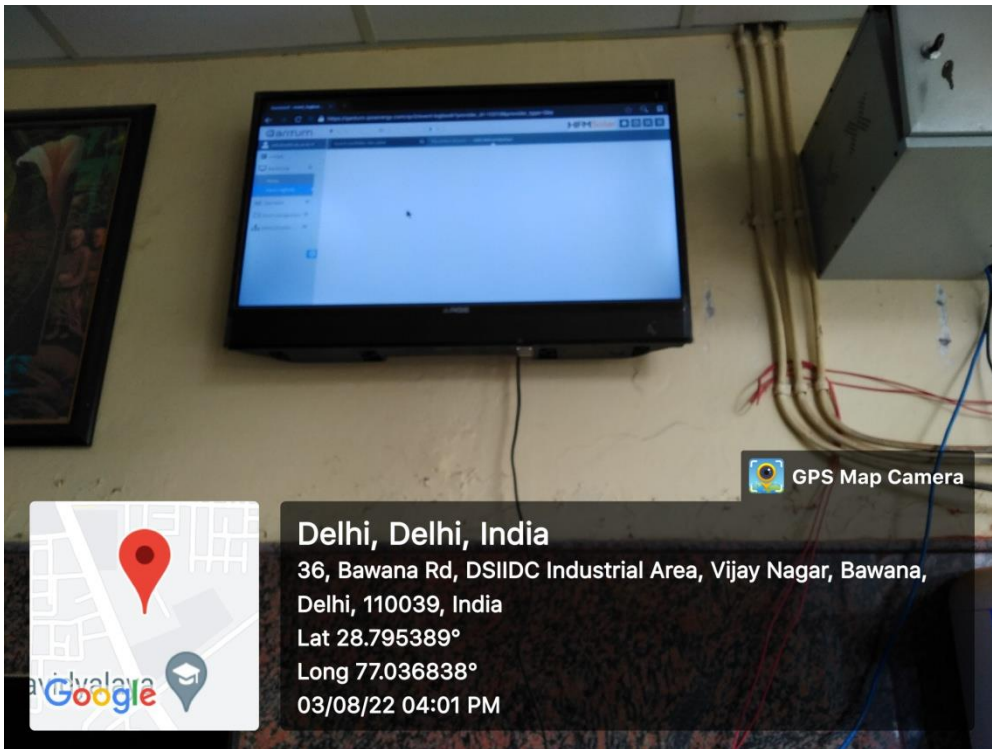
CANo. - 60002341414

Summary of Monthly Electricity Consumption and Total Bill Amount

To understand the Energy consumption trend and for developing the baseline parameter we have collected monthly energy bill for the 12 months i.e. from Jan 2022 to Dec2022.

S. No	2022	Draw From TPDDL (A)	Inject To TPDDL (B)	Cumulative Consumption	Unit Brought Forward	Unit Carried Forward	Bill RS.	Duration
1	January	1574	3811	-2278	-25526	-25526	61668.28	1/12/21 to 18/02/22
2	February	941	2716	-1775	-27804	-27804	8473.31	19/02/22 to 28/02/22
3	March	3021	7400	-4379	-4379	-4379	23728.00	01/03/22 to 31/03/22
4	April	4199	3842	357	-4379	-4022	23807.05	01/04/22 to 30/04/22
5	May	4628	3557	1071	-4022	-2951	24423.70	01/05/22 to 31/05/22
6	June	5919	2186	3733	-2951	-2951	30248.53	01/06/22 to 30/06/23
7	July	6657	2160	4497	0	0	71527.35	01/07/22 to 31/07/22
8	August	6557	2807	3750	0	3750	63223.46	01/08/22 to 31/08/22
9	September	5414	2304	3110	0	3110	56024.10	01/09/22 to 30/09/22
10	October	3878	5982	-2104	0	-2104	24836.25	01/10/22 to 31/10/22
11	November	3653	4736	-1083	-2104	-2104	24836.25	01/11/22 to 30/11/22
12	December	3808	4596	-788	-3187	-3975	25366.16	01/12/22 to 31/12/22





Delhi, Delhi, India

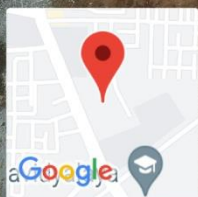
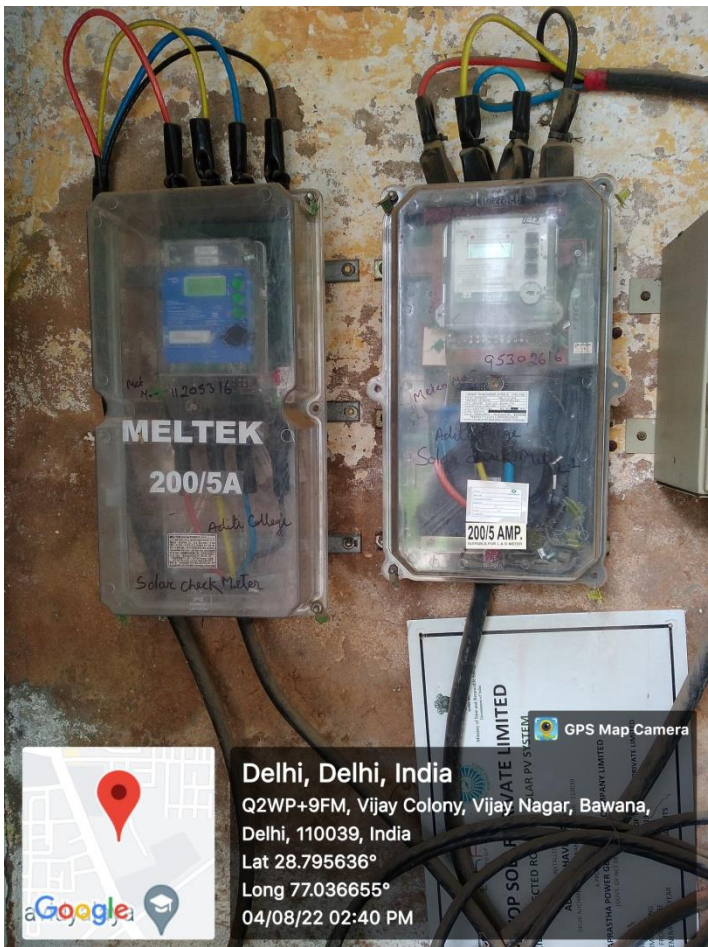
36, Bawana Rd, DSIDC Industrial Area, Vijay Nagar, Bawana,
Delhi, 110039, India

Lat 28.795389°

Long 77.036838°

03/08/22 04:01 PM

GPS Map Camera



Delhi, Delhi, India

Q2WP+9FM, Vijay Colony, Vijay Nagar, Bawana,
Delhi, 110039, India

Lat 28.795636°

Long 77.036655°

04/08/22 02:40 PM

GPS Map Camera

2. DIESEL CONSUMPTION

Below is the diesel consumption details in litres from January 2022 to December 2022.

Period- 2022	Diesel consumption (in litres)
January. 2022	0
February . 2022	50 (11/2/22)
March 2022	0
April 2022	0
May 2022	50 (11/5/22)
June 2022	0
July 2022	0
August 2022	0
September 2022	0
October 2022	0
November 2022	0
December. 2022	0
Total	100

The total consumption of the diesel is very low because college has it's own solar power panels and forwarded more Energy to TPDDL.

3. ANALYSIS OF DG SETS

In the college, there is one Diesel Generator (DG) sets for its electrical power needs in case of Grid power failure. Total installed DG sets capacity is 250k VA.

DGSetDesignDetails		
Description	Unit	DG at Station
Rated capacity	kVA	125 KVA
Hz		50
SINo.		UGDG 5406-030
Make		NOV. 2008
Volts	Volts	415 Volts
PF		0.8
Phase		3 Phase
RPM		1500
Amps	Amps	174
Mfg.		2008

4. AC SYSTEM

Energy Efficiency Ratio (EER): Performance of smaller chillers and roof top units is frequently measured in EER rather than kW/ton. EER is calculated by dividing a chiller's cooling Capacity (in Btu/h) by its power input (in watts) at full-load conditions. The higher the EER, the More efficient the unit. The cooling effect produced is quantified as tons of refrigeration (TR).The above TR is also called as air-conditioning tonnage.

There are Split ACs installed in Aditi Mahavidyalaya in various areas of various capacity which details given below:-

Location of AC system			
Room no	Remark	Uses	Energy Efficiency
27	1 Voltas AC	1	
34	2 AC 3 star	2	3 STAR
39	2 AC 3 star	2	3 STAR
40	2 AC not working 2 Stabizers		
46	1 AC Voltas 2 ton 3 star with stabilzer	1	3 STAR
New Admn	2 AC Intec with stab	2	
Library	1 AC 2 ton voltas	2	
Reading Library	3 AC voltas 2 ton with stablizer	3	
Reception Principal office	2 Voltas AC 3 star	2	3 STAR
Reception Principal office	2 Intec AC with stablizer	2	
Principal office Pantry	2 AC 5 star 1.5 ton damage	2	5 STAR
Principal office2	2 Ac 5 star Voltas 1.5 ton with stablizer	2	5 STAR
Server Room	2 AC Intec	2	
Accounts Room	1 Voltas AC 3 star	1	3 STAR
Accounts Room	1 Voltas AC 5 star old	1	5 STAR
Accounts Room	1 Samsung old AC	1	
old sports room	1 AC old	1	
	Total	27	

5. CEILING FAN ANALYSIS

ECRM-1-Energy saving by replacing 70/120 W fans with energy efficient 30W ceiling fans

Operating hours per day	=	8	Hours
Operating days per annum (Only in summers- 7 months@22 working days per month)	=	154	Days
Total no of Ceiling Fans (80W)	=	304	Nos.
Total power consumption of ceiling fans = 2.9×10^7 kWh			
Total no of Wall Fan (55W)	=	04	Nos.
Total power consumption of Wall Fans = 2.7×10^5 kWh			
Total no of Exhaust Fan (75 W)	=	17	Nos.
Total power consumption of Exhaust Fans (for 12 months @ 22 working days per day) = 2.6×10^6 kWh			
Operating days per annum (Only in summers- 7 months@22 working days per month)	=	154	Days
Total power consumption in a year= 3.2×10^7 kWh			

Note:- Energy saving will increase or decrease if operating hours of machine /equipment will be increase or decrease and pay back period will also increase or decrease if cost of investment (Cost of machine / equipment / accessories of machine) will increase or decrease because cost of investment is take non tentative basis.

6. ANALYSIS OF LIGHTING SYSTEM

6.1 Brief description of existing system

For assessing energy efficiency of lighting system, Inventory of the Lighting System has been noted / collected, with the aid of a lux meter, measurement and documentation of the lux level sat various locations at working level has been done

Room No.	watt	Total no of light	Total no of fan	Projector	Other electronic apparatus
1	36 w	6	5		
2	36w	7	5		
3	36w	7	5		
4	36w	7	5		
5	36w	7	5	1	
6	36w	7	5		
7	36w	7	5		
8	36w	7	5		
9	36w	7	5		
10	36w	7	5	1	
11	36w	7	5		
12	36w	7	6		
13	36w	6	4		
14	36w	6	5		
15	36w	6	4		2 small speaker. Oil heater. 1 Auro damage. 1 Wireless mike. 2 battery with inverter damage. 2 Voltas AC 1 stabilizer. 1 fridge damage. 1 Desktop+Printer
16	36w	5	4	1	
17	36w	5	6	1	
18	36 w	6	3	1	1 Voltas Old AC damage 1 TV Sony 32'' 2 Desktop+Printer. 1 Switch Box
19	36w	6	4		
20	36w	6	4		
21	36w	6	5		
22	36w	5	4	1	

23	36w	6	4	1	1 Switch 1 Exhaust Fan	Box.
24	36w	3	1			
25	36w	14	10	1	2 Exhaust Fan 180watt. 2 Weight Machine 220 w. 3 Hot plate. 8 PH meter 230 v. 1 Fridge..	
26	36w	8	5			
27	36w	8	5	1	1 Voltas 1 Fridge 1 PC with Printer	AC LG
28	Radio Lab	0	0			
29	36w	2	1			
30	Video Lab	0	0			
31	36w	8	5	1		
32	36w	8	5	1		
33	36w	8	9	1		
34	36w	7	5	1	2 AC 3 star	
35	36w	8	5	2 (1 Portables)	1 LAN 1 PC 1 2 Music 2 AC old. 1 TV	Switch. Printer. system.
36	36w	8	5	1	37 Laptop	
37	36w	8	6	1		
38	Attache d 37 room					
39 (Staff Room)	36w	9	5		2 AC 3 Fridge 2 Star	star
40	36w	9	10	1	2 AC not working 40 Stabilizers 1 PC with laptop 2 LAN Switch printer	
41	36w	15	12	1	Double Door Fridge 1, 4 Star LG 1 RO Domestic, 1 PC with Printer 1 Oven	

42	36w	18	11	1	Double Door Fridge 1 4 Star LG 1 RO Domestic, 1 Color Printer 1 Lab Auto Clave 1 De- Hydrator 1 Oven Big 1 Samsung Microwave
43	Sever Room				
44	36w	10	5	1	
45	36w	7	6	1	1 Printer. 1 LED 32" inch
46	36w	9	5		1 Taan Pura 1 AC Voltas 2 ton 3 star with stabilizer
47	36w	2	1		
48	36w	8	5	1	
49	36w	6	6	1	Sony Briva TV 40 inch
50	36w	6	4		
51	36w	4	4	1	
52	Account Attach Room				
53	36w	9	5		
54	36w	9	5	1	
55	36w	9	5		
56	36w	9	5		
57	36w	10	5	1	
58	36w	9	5		
Old Admn	36w	10	6		5 CPU set. 2 Old Votas AC 1 damage. 1 Photostat machine
New Admn	36w	5	2		2 All in 1 PC 2 PC. 2 Printers 1 Printer 1216 2 AC Intec with stab 1 Fridge 4 star Samsung damage 1 Oven 1 Oil heater
NCC Room	36w	4	1		
New Sports room	36w	6	3		1 Fridge- 3 star whirlpool 1 PC set printer 1136 Weight machine

Stage washroom	3 small LED			
Teacher toilet Library		2	exhaust fan 2	
Student toilet	5 LED	1	exhaust fan 2	
Commerce Toilet		4	exhaust fan 2	
Men Washroom		3	exhaust fan 2	
Medical Room	6 LED		5	
Security guard	36w	1	1	
Library	24 LCD	14	20	1 AC 2 ton Voltas 1 AC 1.5 ton Voltas 2 PC 1 Switch 1 Monitor 1 DVR 8 Camera 3 Laptop 1 All in one 1 Samsung printer 1 HP 433 Printer
Cyber Room	6 LED		4	23 Laptop 1 Projector 2 Small Speaker
Reading Library	24 LED		15	3 AC Voltas 2 ton with stabilizer
NCWEB Library	6 LED		5	1 PC
Corridor	27 LED	39		
Senior PA to Principal Room	2 Led	1	1 wall fan orient	All in 1 PC Printer 1216 1 Stabilizer
Reception Principal office	6 LED bulbs			2 Voltas ac 3 star

				1 Philips TV
				1 Ac Stabilizer
				1 Attendance machine
				1 Sanitizer machine
				1 Age LED TV
				1 Switch Board
Principal office	7 LED light		2	2 Intec ac with Stabilizer
				1 Sony LED 70"
				1 AMSRED LED 43"
				1 All in 1 PC
				1 1216 PRINTER
				1 Laptop
				1 Paper Starter Machine
				2 cordless machine
Principal office Pantry	5 LED	1	1	4 LED damage
				1 LED working
				1 coffee wending machine
				1 Microwave
				1.3 star double door fridge
				2 AC 5 star 1.5 ton damage
				2 stabilizer
				2 Oil Heater 2400 w
Principal office2	3 LED	4	3 + 2 Wall Fan	1 Scanner
				1 All in one PC
				2 Laptop
				1 Photocopy Machine
				2 Ac 5 star voltas 1.5 ton with stabilizer
				3 LED light....2 working.....1 damage
				1 intercom system
Medical Room	6 LED light		5	1 Vending machine
				1 Heater
				1 Fridge-3 star
Server Room		2	1 wall fan	1. 1216 Printer

(43)				
				3-10 KV UPS
				2 Stabilizer 10 KV
				48 UPS Battery
				1 All in one PC
				2 Ac Intec
				2 Server
				5 switch
				1 NVR
				30 Camera LAN
				15 Access point
				3 POE switch
				2 Projector
Accounts	6	3		1 Voltas ac 3 star
				1 Voltas ac 5 star old
				1 Samsung old ac
				1 Switch box
				1 All in one PC
				3 PC set
				1 Printer 1216
				3 Printer Normal
SO Accounts Part2	3	2		1 Fridge 4 star
				1 Oven
				1 Microwave
				1 Water dispenser 220 v
Old Sports Room	5	2		1 AC old
				1 Fridge
TOTAL	492	304		

LED Lighting

S. No.	Room no	Total no of light
1	Stage washroom	3
2	Student toilet	5
3	Medical Room	6
4	Library	24
5	Cyber Room	6
6	Reading Library	24
7	NCWEB Lib	6
8	Corridor	27
9	Principal's P.A. Room	2
10	Reception Principal office	6
11	Principal office	7
12	Principle office Pentry	5
13	Principle office2	3
14	Medical Room	6
15	Server Room	1
	Total	131

7. ANALYSIS OF RENEWABLE ENERGY RESOURCES:

[1]

Observation

College has initiated the implementation of LED based lighting solution, but still there are 492 (36W) tube lights. LEDs save energy, the life span is much greater and emit virtually no heat.

Table below shows the performance of solar panel generating electricity since January 2020.

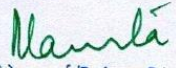
Aditi Mahavidyalaya JMR					
Plant Capacity	100.98				
From	To	Duration	Month	Units Generated (kWh)	Yield
Starting	12/31/2019		Dec-19	2396.51	
2/31/2019	1/31/2020	31	Jan-20	6282.00	2.01
1/31/2020	2/29/2020	29	Feb-20	8663.00	2.96
2/29/2020	3/31/2020	31	Mar-20	11768.00	3.76
3/31/2020	4/30/2020	30	Apr-20	12276.0	4.05

				0	
4/30/2020	5/31/2020	31	May-20	11798.0 0	3.77
5/31/2020	6/30/2020	30	Jun-20	8414.00	2.78
6/30/2020	7/31/2020	31	Jul-20	9540.00	3.05
7/31/2020	8/31/2020	31	Aug-20	6643.00	2.12
8/31/2020	9/30/2020	30	Sep-20	5040.00	1.66
9/30/2020	10/31/2020	31	Oct-20	7983.00	2.55
10/31/2020	11/30/2020	30	Nov-20	6468.00	2.14
11/30/2020	12/31/2020	31	Dec-20	6243.00	1.99
12/31/2020	1/30/2021	30	Jan-21	6398.00	2.11
1/30/2021	2/28/2021	29	Feb-21	7952.00	2.72
2/28/2021	3/30/2021	30	Mar-21	10025.0 0	3.31
3/30/2021	4/30/2021	31	Apr-21	12191.0 0	3.89
4/30/2021	5/31/2021	31	May-21	11436.0 0	3.65
5/31/2021	7/1/2021	31	Jun-21	11705.0 0	3.74
7/1/2021	7/31/2021	30	Jul-21	9773.00	3.23
7/31/2021	8/31/2021	31	Aug-21	6675.00	2.13
8/31/2021	9/30/2021	30	Sep-21	7891.00	2.60
9/30/2021	10/29/2021	29	Oct-21	9450.00	3.23
10/29/2021	11/30/2021	32	Nov-21	7701.00	2.38
11/30/2021	12/31/2021	31	Dec-21	6614.00	2.11
12/31/2021	2/1/2022	32	Jan-22	5563.00	1.72
2/1/2022	3/2/2022	29	Feb-22	9175.00	3.13
3/2/2022	3/29/2022	27	Mar-22	10573.0 0	3.88
3/29/2022	4/29/2022	31	Apr-22	11971.0 0	3.82
4/29/2022	6/2/2022	34	May-22	13469.0 0	3.92
6/2/2022	7/1/2022	29	Jun-22	11139.0 0	3.80

3rd Year Annual Generation Data Report	
Name & Location of Plant	Aditi Mahavidhyalaya
Sanctioned Capacity of SPV Plant	99 KWp
Tender Detail [RFS]	IPGCL/RFS-EOI-2/RESCO-B/07/ 2018-19, Dtd. 29.11.2018 (35 MW)
Solar Plant Type	RESCO MODEL
Plant Commissioned	30th Nov 2019
Solar Energy Meter Make	Schneider Electric

Generations Details			
S. No.	Months	Total Reading as Per JMR (KWh)	Remarks
1	Jan.22	5563.00	5 Days Plant off Due to Maintenance work.
2	Feb.22	9175.00	3 Days Plant off Due to Maintenance work.
3	Mar.22	10573.00	3 Days Plant off Due to Maintenance work.
4	Apr.22	11971.00	5 Days Plant off Due to Maintenance work.
5	May.22	13469.00	3 Days Plant off Due to Maintenance work.
6	Jun.22	11139.00	3 Days Plant off Due to Maintenance work.
7	Jul.22	10588.00	3 Days Plant off Due to Maintenance work.
8	Aug.22	9182.00	3 Days Plant off Due to Maintenance work.
9	Sep.22	10156.00	3 Days Plant off Due to Maintenance work.
10	Oct.22	9941.00	3 Days Plant off Due to Maintenance work.
11	Nov.22	8118.00	3 Days Plant off Due to Maintenance work.
12	Dec.22	8370.00	3 Days Plant off Due to Maintenance work.
Total		118245	

- Note : 1. Existing Generations report duly Signed being enclosed along with this Certificate.
2. Plant was shutdown due to Electrical Maintenance work in Aditi Mahavidyalaya. Number of days shown above in remark column against those months.

 प्रोफेसर-प्रधान / Professor-Principal दिल्ली विश्वविद्यालय / University of Delhi बवना, दिल्ली-110039 / Bawana, Delhi-110039	Authorized Signature & Stamps of Developer
--	--

8. OTHER POWER CONSUMPTION

Item Name	Equipment No
Fridge	10
160W Exhaust Fan	17
Water Cooler-200W	7 (1.50 L.TR)
Camera LAN	15
180W-Circulating wall Fan	4
Projector	30
T.V.	8
Printer	5
Laptop	106
Music system	2
Microwave	3

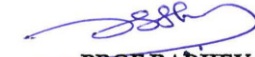
CPU	5
Photostate Machine	1
Coffee wending machine	1
Oil Heater	4
Scanner	1
Heater	1
UPS Battery(Server)	48
Server	2
Oven	4
Sanitizer Machine	1
IP Camera	30
DVR Cameras	08
Stabilizer	10


Dated: 08.06.2023


Recommendations:

1. To increase the number of LED and Sensor Lights.
2. To install more energy efficient appliances in the campus.
3. Stringent implementation of energy policy.
4. To assess the possibility of enhancing the capacity of solar panel.
5. To conduct more awareness and sensitization drives in the college.

EXTERNAL ENERGY AUDIT TEAM



PROF. RADHEY SHYAM SHARMA
DEPARTMENT OF
ENVIRONMENTAL STUDIES
UNIVERSITY OF DELHI
DELHI-110007.



DR. KAVITA SINGH
DEPARTMENT OF ENVIRONMENTAL STUDIES
MATA SUNDRI COLLEGE FOR WOMEN
(UNIVERSITY OF DELHI)
DELHI-110002.


DR. ASHISH THOMAS
DEPARTMENT OF ENVIRONMENTAL STUDIES
SGND KHALSA COLLEGE
(UNIVERSITY OF DELHI)
DELHI-110005.

INTERNAL ENERGY AUDIT TEAM


PROF. MANISHA WADHWA
ADITI MAHAVIDYALAYA


DR. NALINI SINGH
ADITI MAHAVIDYALAYA


PROF. INDU NASHIER
ADITI MAHAVIDYALAYA


DR. SHADAB KHAN
ADITI MAHAVIDYALAYA


PROF. MAMTA SHARMA,
PRINCIPAL

02



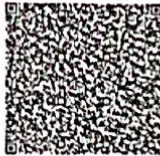
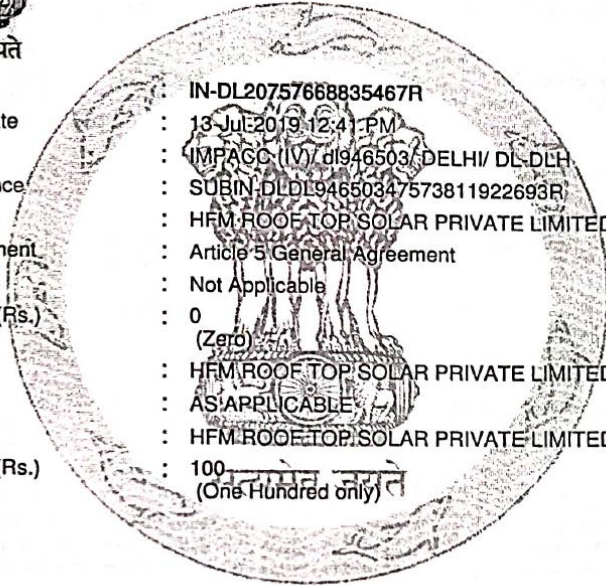
सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

Certificate No.	: IN-DL20757668835467R
Certificate Issued Date	: 13-Jul-2019 12:41 PM
Account Reference	: IMPAGC (IV) dl946503 / DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL DL94650347573811922693R
Purchased by	: HFM ROOF TOP SOLAR PRIVATE LIMITED
Description of Document	: Article 5 General Agreement
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: HFM ROOF TOP SOLAR PRIVATE LIMITED
Second Party	: AS APPLICABLE
Stamp Duty Paid By	: HFM ROOF TOP SOLAR PRIVATE LIMITED
Stamp Duty Amount (Rs.)	: 100 (One Hundred only)



.....Please write or type below this line.....

This Power Purchase Agreement (PPA) is executed on 13th July, 2019 at New Delhi between Dr. Mamta Sharma, (Principal) Authorized representative of purchaser ADITI MAHAVIDYALAYA BAWANA SOCIETY, registered under the Societies Registration Act, 1860 having its office at Delhi Aunandi Road Bawana, New Delhi - 110039 (hereinafter referred to as "Purchaser"); AND M/s HFM ROOF TOP SOLAR PRIVATE LIMITED (A Project Company of HFM Solar Power Private Limited) a company incorporated under the Companies Act, 1956 having its registered office at A-69, FIEE Complex, Okhla Phase II, New Delhi - 110020 (hereinafter referred to as "Power Producer" which expression shall, unless repugnant to the meaning or context hereof, be deemed to include its successors and assigns). The Purchaser and Power Producer are each individually referred to as a "Party" and collectively as the "Parties".

Mamta Sharma
Principal

Statutory Alert: The authenticity of this e-stamp should be verified at "www.shoelstamo.com". Any discrepancy in the details on this Certificate should be reported to the Competent Authority.
 1. The authenticity of this e-stamp should be verified at "www.shoelstamo.com". Any discrepancy in the details on this Certificate should be reported to the Competent Authority.
 2. The onus of checking the details of the users of the certificate.
 3. In case of any discrepancy, please inform the Competent Authority.



WHEREAS:

- A. The Power Producer has been notified as successful bidder by Indraprastha Power Generation Company Limited for "Design, Manufacture, Supply, Erection, Testing and Commissioning including Warranty, Operation & Maintenance of 100 kWp (approx.) Rooftop Solar PV System on Multiple Buildings at Aditi Mahavidyalaya and as per competitive bidding under RFS No IPGCL/RFS-EOI-2/CAPEX-RESCO/07/2018-19.
- B. The Power Producer is engaged in the business of design, supply, erection, testing, commissioning, operating and maintenance of solar power plants, including grid connected rooftop power projects.
- C. The Power Producer has agreed to install and operate a solar photovoltaic power plant of 100 kWp (approx.) capacity at the Premises after due inspection of the Premises as defined hereinafter and supply the entire Solar Power of the Project to Purchaser on the terms and conditions contained in this Agreement.
- D. The Purchaser has agreed to purchase the entire Solar Power of the Project on the terms and conditions contained in this Agreement.

NOW THEREFORE in consideration of the mutual promises, conditions and covenants set forth herein, the Parties hereby agree as below:

1. Definitions and Interpretation

1.1. Definitions

- a) In addition to other capitalized terms specifically defined elsewhere in the Agreement or unless the context otherwise requires the following words and phrases shall be defined as follows:
- b) "Actual Monthly Production" means the amount of energy recorded by the Main Metering System during each calendar month of the Term, pursuant to Section 5.2;
- c) "Affiliate" means with respect to any specified Person, any other Person, directly or indirectly controlling, controlled by or under common control with such specified Person)
- d) "Agreement" means this Power Purchase Agreement executed hereof, including the schedules, amendments, modifications and supplements made in writing by the Parties from time to time.
- e) "Applicable Law" means, with respect to any Person, any constitutional provision, law, statute, rule, regulation, ordinance, treaty, order, decree, judgment, decision, certificate, holding, injunction, registration, license, franchise, permit, authorization, guideline, Governmental Approval, consent or requirement or any Governmental Authority in India having jurisdiction over such Person or its property, enforceable by law or in equity, including the interpretation and administration thereof such Governmental Authority.
- f) "Assignment" has the meaning set forth in Section 14.1:
- g) "Business Day" means any day other than Sunday or any other day on which banks in National Capital Territory of Delhi are required or authorized by Applicable Law to be closed for business:
- h) "Commercial Operation Date" has the meaning set forth in Section 4.3(b)
- i) "Consents, Clearances and Permits" shall mean all authorization, licenses, approvals, registrations, permits, waivers, privileges, acknowledgements, agreements or concessions required to be obtained from or provided by any concerned authority for the purpose of setting up of the generation facilities and /or supply of power:
- j) "Deemed Generation" has the meaning set forth in Section 5.3(c)
- k) "Delivery Point" shall be the single point, at a location mutually agreed by the Parties, in line with applicable regulation/ rules where Solar Power is delivered by the Power Producer from the System to the Purchaser.
- l) "Dispute" has the meaning set forth in Section 17.7(b);
- m) "Disruption Period" has the meaning set forth in Section 5.3(c)
- n) "Distribution Utility" means the local electric distribution owner and operator providing electric distribution and interconnection services to Purchaser at the Premises;
- o) "Due Date" has the meaning set forth in Section 7.4;
- p) "Effective Date" has the meaning set forth in Section 2;

Mamta Shain
Principal,
Aditi Mahavidyalaya
(University of Delhi),
Newara, Delhi-110039.
2/4



- q) "Estimated Remaining Payments" means as of any date, the estimated remaining Solar Power Payments to be made through the end of the applicable Term, as reasonably determined by the Power Producer in accordance with Section 7.1;
- r) "Expiration Date" means the date on which the Agreement terminates by reason of expiration of the Term.
- s) "Force Majeure Event" has the meaning set forth in Section 11.1
- t) "Governmental Approval" means any approval, consent, franchise, permit, certificate, resolution, concession, license or authorization issued by or on behalf of any applicable Governmental Authority for the purpose of setting up of the Project and / or for sale and purchase of Solar Power of the Project pursuant to the Agreement.
- u) "Governmental Authority" means any central, state, regional, district, town, city or municipal government, whether domestic or foreign, or any department, agency, bureau, or other administrative, regulatory or judicial body of any such government.
- v) "Indemnified Persons" means the Purchaser Indemnified Parties or the Power Producer-indemnified Parties, as the context requires.
- w) "Insolvency Event" means with respect to a Party, that either Such party has (A) applied for or consented to the appointment of or the taking of possession by a receiver, custodian, trustee, administrator, liquidator on the likes of itself or of all or a substantial part of its assets or business; (B) been unable to pay its debts as such debts become due; (C) made a general assignment for the benefit of its creditors, (D) commenced a voluntary proceeding under any insolvency or bankruptcy law; (E) filed a petition seeking to take advantage of any other law relating to the bankruptcy, insolvency, reorganization, winding up or composition or readjustment of debts; or (F) taken any corporate or other action for the purpose of effecting any of the foregoing; or It is clarified that a dissolution or liquidation will not be an Insolvency Event if such dissolution or liquidation is for the purpose of a merger, consolidation or reorganization, and the resulting company retains credit worthiness similar to the dissolved or liquidated entity and expressly assumes all obligations of the dissolved and liquidated entity under this Agreement and is in a position to perform them.
- x) "Installation Work" means the construction and installation of the System and the Start-up, testing and acceptance (but not the operation and maintenance) thereof; all performed by or for the Power Producer at the Premises.
- y) "Invoice Date" has the meaning set forth in Section 7.2.
- z) "Losses" means all losses, liabilities, claims, demands, suits, causes of action, judgments, awards, damages, cleanup and remedial obligations, interest, fines, fees, penalties, costs and expenses (including all attorneys' fees and other costs and expenses incurred in defending any such claims or other matters or in asserting or enforcing and indemnity' obligation)
- aa) "Main Metering System" means all meter(s) and metering devices owned by the Power Producer and installed at the Delivery point for measuring and recording the delivery and receipt of energy.
- bb) "Metering Date" means the first Business day of each calendar month subsequent to the month in which the Solar Power is generated by the Power Producer. The billable units shall be equal to the difference between the meter reading on the Metering Date and the meter reading on the previous month's Metering Date.
- cc) "Party" or Parties" has the meaning set forth in the preamble to this Agreement.
- dd) "Performance Ratio" (PR) means the ratio of plant output versus installed plant capacity at any instance with respect to the radiation measured. $PR = \frac{\text{Measured output in kW}}{\text{Installed plant capacity in kW} \times 1000 \text{ W/m}^2 / \text{Measured radiation intensity in W/m}^2}$.
- ee) "Person" means an individual, partnership, corporation, Limited Liability Company, business trust, Joint Stock Company, trust, unincorporated association, joint venture, firm, or other entity, or a Governmental Authority.
- ff) "Power Producer Default" has the meaning set forth in Section 12.1(a). (ff) "Power Producer Indemnified" has the meaning set forth in Section 16.2.
- gg) "Premises" means the premises described in Schedule 1 to this Agreement. For the avoidance of doubt, the Premises include, the entirety of any and underlying real property located at the address described in Schedule 1 to this Agreement.
- hh) "Purchase Date" means the date on which title to the System transfers to the Purchaser pursuant to the Purchaser exercising its purchase option under Section 3.2.
- ii) "Purchase Price" means the fee payable by Power Purchaser to the Power Producer under the circumstances described in Section 3.2
- jj) "Purchaser Default" has the meaning set forth in Section 12.2(a).

Mamta Sharma
 Principal,
 Aditi Mahavidyalaya
 (University of Delhi),
 Bawana, Delhi-110 039.



- kk) "Purchaser Indemnified Parties" has the meaning set forth in Section 16.1 (ii) "Representative" has the meaning set forth in Section 15.1.
- ll) "Scheduled Complete Date" has the meaning set forth in Section 4.1(g)
- mm) "Selectee" means, a new company (i) proposed by the Lenders read with Schedule III hereof and approved by the Purchaser (ii) or proposed by the Purchaser in accordance with Schedule III hereof and approved by the Lenders, for substituting the Power Producer for the residual period of the Agreement by amendment of the Agreement or by execution of a fresh power purchase agreement in accordance with the terms and conditions contained in the said Schedule.
- nn) "Solar Power" means the supply of electrical energy output from the System. (pp) "Solar Power Payment" has the meaning set forth in Section 7.1.
- oo) "System" includes the integrated assembly of photovoltaic panels, mounting, assemblies, inverters, converters, metering, lighting fixtures, transformers, ballasts, disconnects, combiners, switches, wiring devices and wiring, and all other material comprising the Installation Work.
- pp) "System Operations" means the Power Producer's operation; maintenance and repair of the System performed in accordance with the requirement therein.
- qq) "Tariff" means the price per kWh set forth in Schedule II hereto. (tt) "Term" has the meaning set forth in Section 3.1:

1.2. Interpretation

1.2.1. Unless otherwise stated, all references made, in this Agreement to "Sections", "Clauses" and "Schedules" shall refer respectively to Sections, clauses and Schedules of this Agreement. The Schedules to this Agreement form an integral part of this Agreement and shall have effect as though they were expressly set out in the body of this Agreement.

1.2.2. In the Agreement, unless the context otherwise requires (i) words imparting singular connotation shall include plural and vice versa: (ii) the words "include", "includes", and "including" mean include, includes and including "without limitation" and (iii) the words "hereof", "hereto", "herein" and "hereunder" and words of similar import refer to the Agreement as a whole and not to any particular provision of the Agreement.

2. Effective Date

This Agreement shall be effective on the day that falls one Business Day after the date of signing of this Agreement.

3. Terms and Termination

3.1 Term

The term of the Agreement shall commence on the Effective Date and shall continue for twenty-five (25) years from the Commercial Operations Date (the "Term"), unless and until terminated earlier pursuant to the provisions of the Agreement. After the Term, the ownership of the System shall be transferred to the Purchaser free of cost.

3.2 Purchase Option/ Purchase Obligation

So long as a Purchaser default shall not have occurred and be continuing, Purchaser has the option to purchase the System by paying the Power Producer the Purchase price as per Schedule III to this Agreement. To exercise its purchase option, the Purchaser shall not less than Ninety (90) days prior to the proposed Purchase Date, provide written notice to the Power Producer of Purchaser's intent to exercise its option to purchase the System on such purchase date: In the event Purchaser confirms its intention to exercise the purchase option in writing to the Power Producer, (i) Purchaser shall pay the applicable purchase price to the Power Producer on the Purchase Date, and such payment shall be made in accordance with any written instructions delivered to Purchaser by the Power Producer for payments under the Agreement, and (ii) the Parties shall promptly execute all documents necessary to (A) cause title to the System to pass to Purchaser on the Purchase Date, free and clear of all liens and (B) assign all vendor warranties for the System to Purchaser. Upon execution of the documents and payment of the applicable purchase price in each case as described in the preceding sentence, the agreement shall terminate automatically and the Purchaser shall become the owner of the System. Upon such termination, the Power Producer shall offer its operations and maintenance ("O&M") services to the Purchaser and the Parties may enter into an O&M agreement in this regard.

Manita Sharma
Principal,
ADE Mahavidyalaya
University of Delhi,
New Delhi-110032



The terms and conditions of the O&M agreement will be negotiated in good faith between the Parties.

3.3 Conditions of the Agreement prior to Installation

In the event that any of the following events or circumstances occur prior to the Commercial Operation Date, the Power Producer may terminate the Agreement, in which case neither Party shall have any liability to the other except for any such liabilities that may have accrued prior to such termination.

- 3.3.1 There has been a material adverse change in the rights of Purchaser to occupy the Premises or the Power Producer to Install the System at the Premises.
- 3.3.2 The Power Producer has determined that there are easements, Capacity Cost Recovery (CCRs) or other liens or encumbrances that would materially impair or prevent the installation, operation, maintenance or removal of the System. If any dispute arises before commercial operation date, the same shall be resolved under clause, 17.7(c). The Power Producer shall ensure before installing the system from the Power Purchaser that, easements if any, are not preventing or disrupting the system of Power Producer.

4 Construction, Installation, Testing and Commissioning of the System.

4.1 Installation Work

- a) The Power Producer will cause the Project to be designed, manufactured, supplied, engineered, erected, tested and commissioned, operated, maintained and constructed substantially in accordance with RFS No IPGCL/RFS-EOI-2/CAPEX-RESCO/07/2018-19 and the sanction letter issued by Indraprastha Power Generation Company Limited (IPGCL). The Power Producer shall provide to the Purchaser a bill of materials listing the major equipment constituting the System. Such bill of materials shall be provided within 30 days of the Commercial Operation Date.
- b) The Power Producer shall have access as reasonably permitted by the Purchaser to perform the Installation Work at the Premises in a manner that minimizes inconvenience to and interference with the use of the Premises to the extent commercially practical.
- c) It is agreed between the Parties that the Power Producer shall commission the System with a capacity of approx. 100 kWp (approx.). Power Producer may construct a System of smaller size if it receives only part approval of government subsidies or for any other material commercial reason, as mutually agreed between the Parties in writing. In the event a System of smaller capacity is eventually agreed to be installed, the clauses pertaining to Purchase Price as set out under this Agreement shall be adjusted proportionately as per mutual agreement between the Parties in writing.
- d) The Power Producer shall provide and lay the dedicated electrical cables for transmission of Solar Power from the System up to the Delivery Point. Transmission or distribution of Solar Power beyond this point will be the responsibility of the Purchaser. The Delivery Point shall be where the Main Metering System is located.
- e) Unless otherwise agreed between the Parties, the Power Producer shall not do (a) chipping of rooftop; or (b) water proofing of roof to be disturbed ;(c) Carryout any other modification of the Premises with the written consent of the Purchaser. The Power Producer shall be liable for seepage / damage during the project execution and caused only at the location of the Solar System Installation.
- f) The Power Producer shall maintain general cleanliness of area around the Project during construction and operation period of the Project. In case any damages are caused to the equipment / facilities owned by the Purchaser due to the Power Producer, the same shall be made good rectified by the Power Producer at their cost.
- g) The Power Producer shall, within fifteen (15) working days of the Effective Date, submit to the Purchaser shop drawings of the Project for approval ("Shop Drawings"). The drawings will have to be approved from the Power Purchaser within 7 working days from the submission of the drawings. If the Purchaser has any objection/recommendation in the Shop Drawings, he shall communicate the same to Power Producer within a period of ten (10) working days of the date

Maula Hasan
Director,
Hem Roof Top Solar Pvt. Ltd.
Gurgaon, Haryana



of submission of the Shop Drawings. Any delay will extend the Effective Date and such approval shall not be unreasonably withheld. Subject to any punch-list items which shall be agreed by the Purchaser as not being material to completion of the Project, the Power Producer agrees that it shall achieve the completion of the Project/ Commissioning of the Project within the scheduled completion period from the Effective Date ("Scheduled Completion Date"). Purchaser shall ensure that sufficient load is available at the Delivery Point to ensure synchronization and drawl of power from System.

- h) If the Power Producer is unable to commence supply of Solar Power to the Purchaser by the Scheduled Completion Date, other than for the reasons specified in Article 11 and,
- i) 12.2 (Force Majeure or Purchaser Default), the Power Producer or its contractor shall pay to Indraprastha Power Generation Company Limited (IPGCL) genuine pre-estimated liquidated damages for the delay in such commencement of supply of Solar Power as per the clause of the Indraprastha Power Generation Company Limited (IPGCL) RFS as per respective RFS document to this Agreement.
- j) The Purchaser shall ensure and The Producer shall satisfy itself that all arrangements and infrastructure for receiving Solar Power beyond the Delivery Point are ready on or prior to the Commercial Operation Date and is maintained in such state in accordance with applicable laws through the Term of the Agreement.
- k) Power Producer shall fulfill all obligations undertaken by it under this Agreement.

4.2 Approvals and Permits

Each of the Parties shall assist the other Party in obtaining all necessary Government Approvals, third party approvals and permits including but not limited to those listed in Schedule V hereto and any waivers, approvals or releases required pursuant to any applicable CCR.

4.3 System Acceptance Testing

- a) The Power Producer shall give 10 days' advance notice to conduct the testing of the Project and shall conduct testing of the Project in the presence of Purchaser's designated representative.
- b) To establish the system is capable of generating Electrical energy (full rated KWP) for five continuous hours, the Performance ratio (i.e. PR) of solar power plant at the time of testing should be at least equal to or more than 75%, corresponding to actual solar irradiation and environmental conditions prevailing at that time, using such Instrument and meters as have been installed for such purposes, then the Power producer shall send a written notice to the Purchaser to that effect, and the date of successful conducting such tests and injection of power at delivery point shall be the "Commercial Operation Date"

5 System Operations

5.1 The Power Producer as Owner and Operator

The System will be legally and beneficially owned by the Power Producer and will be operated and maintained and, as necessary, repaired by the Power Producer at its sole cost and expense. Replacement of spare parts if any shall be responsibility of Power Producer for the complete period of Agreement. If any repair or maintenance costs incurred by the Power Producer as a result of Purchaser's breach of its obligations, shall be reimbursed in full by Purchaser.

Power Producer shall not be responsible for any work done by others on any part of the System/Project authorized by the Purchaser and not authorized in advance by the Power Producer in writing. Power Producer shall not be responsible for any loss, damage, cost or expense arising out of or resulting from improper handling of the System by Purchaser or anyone instructed to do such work by Purchaser. In the event of a problem with the System, as a result of the Purchaser actions for which Power Producer is not responsible as provided in this Agreement, Purchaser may choose and pay Power Producer for diagnosing and correcting the problem at Power Producer or Power Producer's contractor's standard rates.

5.2 Metering

Mantaphasar
Principal,
Aditi Mahavidyalaya
(University of Delhi),
Bawana, Delhi-110 039.
N/A



- a) The Power producer shall install the Main Metering System with due certification for the measurement of electrical energy produced by the System.
- b) The meter will be read by Power Producer's personnel on the Metering date. The authorized representative of the Purchaser shall be present at the time of meter reading. Both the Parties shall sign a joint meter reading report. However, in case the Joint meter reading report is not signed in the first three business days of any month due to non-availability of the Purchaser's authorized representative, the report signed by the Power Producer shall be considered as Joint Meter Reading Report. The Parties agree that such Joint meter reading Report shall be final and binding on the Parties.
- c) The Main Metering System at the Delivery Point and any additional meters required by Applicable Law shall be tested, maintained and owned by the Power Producer.
- d) The Power Producer shall connect the Solar output to the existing system of the Purchaser as per the requirements and guidelines of the state DISCOM.
- e) The Purchaser may, at its own discretion, install a check meter, at its cost, to verify the measurements of the Main Metering System.
- f) The title to the Solar Power supplied by the Power Producer shall pass to the Purchaser at the Delivery Point.
- g) Power Producer shall be responsible for transformer etc. "if required"& metering as per respective clause of RFS (reference to be quoted).

5.3 System Disruptions

- a) Availability of premises: Purchaser will provide full access of the site to Power Producer for installation, operation and maintenance of solar power plant during the period of Agreement. Power Purchaser will also provide restricted access of the Premises to Power Producer for operation and maintenance of solar power plant.
- b) Purchaser will not provide/ construct any structure within its Premises or around its premises which shades the solar panels effecting the generation of the energy during the Agreement period.
- c) Roof Repair and other System Disruptions In the event that (a) the Purchaser repairs the Premises' roof for any reason not directly related to damage, if any, caused by the System, and such repair required the partial or complete temporary disassembly or movement of the System, or (b) any act or omission of Purchaser or Purchaser's employees, Affiliates, agents or subcontractors (collectively, a "Purchaser Act") result in a disruption or outage in System production, and such events attributable to Purchaser (except Force majeure, then, in either case) Purchaser shall (i) pay the Power Producer for all work required by the Power Producer to disassemble or move the System and re- assemble the system after completion of the repair work and (ii) continue to make all payments for the Solar Power during such period of System disruption (the "Disruption Period"). For the purpose of calculating Solar Power Payments and lost revenue for such Disruption Period, Solar Power shall be deemed to have been produced at the average rate. Over the preceding 12 (Twelve) months, or, if the disruption occurs within the first 12 months of operation, the average over such period of operation (deemed generation). Power producer shall inform about the disruption or outage in System production, for reasons attributable to purchaser in writing with date and time of such occurrences, and Purchaser's liability shall start from the date of intimation for above of disruption or outage in system production, on account of Purchaser.

6 Delivery of Solar Power

6.1 Purchaser Requirement:

Purchaser agrees to purchase one hundred percent (100%) of the Solar Power generated by the System and made available by the Power Producer to Purchaser at the Delivery Point during each relevant month of the Term. In the event that the Purchaser is unable to off take 100% of the electricity generated, when it is generated, then Deemed Generation will apply only in case following conditions:

- a) In the event Power Producer is generating power more than the available load, and the Purchaser is not able to export or record the excess units generated due to faults in the equipment's of the Purchaser e.g., Net meter Cables, Equipment's etc., which may stop the feeding /record of the Solar Power generated.

Manoj Kumar
 Principal,
 Public Nitya Vidyalaya
 Government of Delhi,
 New Delhi, India



- b) In the event that the Purchaser fails to ensure adequate space for solar equipment to ensure that other structures do not partially or wholly shade any part of the Solar Power Plant and if such shading occurs, the Power Producer may apply for Deemed Generation furnishing the calculation for loss in generation due to such shading supported by the relevant data, which shall be approved by Purchaser within one month of submission falling which the Power Producer shall claim provisional deemed generation till the issue is finally settled.

6.2 Estimated Annual Production

The annual estimate of Solar Power with respect to the System for any given year as determined pursuant to this Section shall be the "Estimated Annual Production". The Estimated Annual Production for each year of the Initial Term is set forth in Schedule IV hereof.

6.3 Suspension of Delivery

Power Producer shall be entitled to suspend delivery of electricity from the System to the Delivery Point for the purpose of maintaining and repairing the System upon giving one week's advance written notice to the Purchaser except in the case of emergency repairs. Such suspension of Service shall not constitute a breach of this Agreement provided that the Power Producer shall use commercially reasonable efforts to minimize any interruption in service to the Purchaser. However, any preventive maintenance shall be done only during the period when plant is not generating.

7 Tariff, Payments and Payment Security Mechanism

- 7.1 Consideration Purchaser shall pay to the Power Producer a monthly payment (the "Solar Power Payment") for the Solar Power generated by the System as per the Metering clause 5.2 (b) above during each calendar month of the Term equal to the actual Monthly Production as recorded in Joint Meter Reading Report for the System for the relevant month multiplied by the Tariff irrespective of (i) whether any or all units of Solar Power has been drawn, consumed or utilized by Purchaser and / or (ii) whether any Solar Power has been injected, whether inadvertently or otherwise, into the grid of the Distribution Utility. The Power Producer will bill the Purchaser for each kWh metered as above at the Delivery Point, at the Tariff prevailing at that point of time. As Detailed in Schedule-II, the Tariff will be equal to ₹ 3.96 / kWh levelized tariff as per Indraprastha Power Generation Company Limited (IPGCL) allocations. The 'year' Considered shall be the financial year which April 1st to 31st March of every year as per Indraprastha Power Generation Company Limited (IPGCL) Schedule II provides a detailed year on year tariff schedule.

7.2 Invoice

The Power Producer shall invoice Purchaser on the first day of each month (each, an "Invoice Date") commencing on the first Invoice Date to occur after the Commercial Operation Date, for the Solar Power Payment in respect of the immediately preceding month. The last invoice shall include production only through the Expiration Date of this Agreement.

7.3 The invoice to the purchaser shall include.

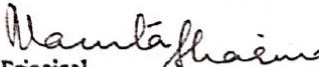
- The Solar Power calculations for the relevant billing period.
- Supporting data, documents and calculations in accordance with this Agreement.

7.4 Time of payment

Purchaser shall pay all amounts due hereunder within 30 days after the date of the receipt of the invoice via email or post ("Due Date").

7.5 Method of Payment

Purchaser shall make all payments under the Agreement by cheque / demand draft/electronic funds transfer only in immediately available funds to the account designated by the Power Producer from time to time. All payments made hereunder shall be non-refundable, subject to the applicable tax deduction at source, and be made free and clear of any other tax, levy, assessment; duties or other charges and not subject to reduction, set-off, or adjustment of any kind. Further, if any taxes and duties are leviable currently or in future, such taxes and duties shall be paid by the


Principal,
Aditi Mahavidyalaya
(University of Delhi),
Bawana, Delhi-110075.



Purchaser over and above the solar electricity tariff mentioned in this agreement. Such taxes and duties could include, but not restricted to Electricity Duty, Tax on Sale of Electricity (TOSE). If the Purchaser deducts any tax at source, the Purchaser will issue a tax credit certificates as per law.

7.6 Late Payment Surcharge

In case payment of any invoice is delayed by the Purchaser beyond its Due Date, a late payment surcharge shall be payable by Purchaser to the Power Producer at the rate of 1.25% per month ("Late Payment Surcharge") calculated on the amount of outstanding payment, calculated on a day to day basis for each day of the delay, compounded on monthly rates. Late Payment Surcharge shall be claimed by the Power Producer, through its subsequent invoice.

7.7 Disputed Payments

In the event that the Purchaser disputes an invoice, it shall give notice of such a dispute within 15 days of receiving the invoice setting out details of the disputed amount. The Purchaser shall pay by the Due Date 100% of any undisputed amount and in case the invoice is disputed, the Purchaser shall pay an amount based on average consumption of last three consecutive undisputed invoices. Amount so recovered shall be subject to final adjustment on resolution of the dispute. Thereafter, the Parties shall discuss and try to resolve the disputed amount within a week of receipt of such notice of dispute. If the Parties resolve the dispute, an appropriate adjustment shall be made in the next invoice. If the dispute has not been resolved by the date of the next invoice the dispute shall be referred to a committee of one member from each of Purchaser and Power Producer, If the dispute is still-not resolved by the next following invoice it shall be 'referred to Arbitration as provided in the present Agreement.

7.8 Payment Security Mechanism

A Generation Based Incentive (GBI for a period of 5 years starting from 2019-20) @ ₹ 2/ unit is applicable for projects as per Mukhyamantri Solar Power Yojana. The criterion of solar generation is 1100 units per KW per annum prorata reduced to 550 units per kW on half yearly basis i.e. April-September Half and October- March Half. Generation Based Incentive (GBI) payable to Power Purchaser in Residential Sector, as per Mukhyamantri Solar Power Yojana will also be used as Payment Security Mechanism. In case a consumer fails to make payment to the Solar Power Producer, the Solar Power Producer shall escalate the matter to IPGCL (Who will in turn escalate to Department of Power) within seven days from the event of failure. On receipt of this escalation, Department of Power within 30 days of observing the facts will credit the GBI amount (only to the extent of the eligible GBI amount for the Purchase) to the account of the Power Producers instead of the Purchaser. The frequency of payment from the Department of Power will be on a half yearly basis.

7.9 Additional Payment Security Mechanism: Solar Power Producer and consumers can mutually agree on other payment security mechanism, e.g., (in respect of its monthly bills, three-month Letter of Credit, opened and maintained which may be drawn upon by the Solar Power Producer. Not later than one month before commissioning, including the extension granted, if any, Purchaser through a scheduled bank open a Letter of Credit in favor of the Power Producer, to be made operative from a date prior to the due date of its first monthly bill under this PPA. The LC shall have a term of 1 year and shall renewed annually, for an amount:

- a) For first operational year, ₹ 1,13,400/- (100 x 4 x 90 x 3.15)
- b) For subsequent years, equal to three hundred percent (300%) of the average of the monthly billing of the previous operational year Provided that the power producer shall not draw upon such LC to the end of 30th day from the due date of the relevant monthly bill and shall not make more than one drawl in a month Provided further that if at any time, such Letter of Credit amounts to falls short of the amount specified above, the Purchaser shall restore such shortfall within 15 business day If the Power Producer draws from the Letter of Credit, the amount corresponding to the drawn amount shall be deposited in the designated bank Procuer shall cause the schedule bank issuing the LC to intimate the Power Producer, in writing regarding establishing of such irrevocable Letter of Credit. If the purchaser fails to pay a monthly bill or part thereof within and including the 30th day from the due date, then, the power producer may draw upon the LC. The Purchaser will adjust remaining balance in the next billing cycle.)

Mantappa
Principal,
Hem Roof Top Solar Pvt. Ltd.,
Bangalore, Karnataka
20/11/19



7.10 Change in Law:

- a) For the Purpose of this section 7.8, the term "Change in Law" shall mean the occurrence of any of the following events after the Effective date, resulting into any additional recurring / non-recurring expenditure by the Power Producer or any income to the Power Producer. The enactment, coming into effect, adoption, promulgation, amendment, modification or repeal (without re-enactment or consolidation) in India, of any Law, including rules and regulations framed pursuant to such Law; or
- (i) A change in the Interpretation of any Law by any Governmental Authority having the legal power to Interpret or apply such Law, or any competent court; or
 - (ii) The Imposition of a requirement, for obtaining any Government Approvals which was not required earlier; or
 - (iii) a change in the terms and conditions prescribed for obtaining any Government Approvals or the inclusion of any new terms or conditions for Obtaining such Government Approvals; or
 - (iv) any introduction of any tax made applicable for supply of power by the Power Producer as per the terms of this Agreement. Any benefit due to change in tax on the sale of solar energy shall be passed on to Purchaser.
 - (v) Any benefit arising due to change in above para (i) to (iv) shall be passed on to the Purchaser. But not include any change in any withholding tax on income or dividends distributed to the shareholders of the Power Producer.
- b) Application and Principles for computing Impact of Change in Law: While determining the consequence of Change in Law under this Article 7.8, the Parties shall have due regard to the Principle that the purpose of compensating the Party affected by such change in Law, is to restore through monthly bill payment, to the extent contemplated in this Article 7.8, the affected Party to the same economic position as if such Change in Law has not occurred and such impact shall be mutually decided in writing.
- c) Solar Power Payment Adjustment Payment on account of Change in Law Subject to provisions mentioned above, the adjustment in Solar Power Payment shall be effective from:
- (i) The date of adoption, promulgation, amendment, re-enactment or repeal of the Law or Change in Law; or
 - (ii) The date of order/ judgment of the competent court; of tribunal or Governmental Authority, if the Change in law is on account of a change in Interpretation of Law 7.9

8 General Covenants

8.1 Power Producer's Covenants

The Power Producer covenants and agrees to the following:

- a) **Notice of Damage or Emergency:** The Power Producer shall (a) promptly notify Purchaser if it becomes aware of any damage to or loss of the use of the System or that could reasonably be expected to adversely affect the System, (b) immediately notify Purchaser once it becomes aware of any event or circumstance that poses an imminent risk to human health, the environment, the System or the Premises.
- b) **System Condition:** The Power Producer shall take all actions reasonably necessary to ensure that the System is capable of providing Solar Power at a commercially reasonable continuous rate: Subject to there being no Purchaser Default, the Power Producer shall provide 24x7 offsite / offsite monitoring and maintenance of the System throughout the period of this agreement at no additional cost.
- c) The System shall meet minimum guaranteed generation with Performance Ratio (PR) at the time of commissioning and related Capacity Utilization Factor (CUF) as per the daily normalized irradiance levels of the location during the O&M period. PR shall be minimum of 75% at the time of inspection for initial Project acceptance.
- d) **Governmental Approvals:** While providing the Installation work, solar Power and System Operations, the Power Producer shall obtain and maintain and secure all Governmental Approval required to be obtained and maintained and secured by the Power Producer and to enable the Power Producer to perform such obligations.

Nantala Srinivas
Principal,
Aditi Mahavidyalaya
(University of Delhi),
Rawana, Delhi-110 039.



- e) The Interconnection of the rooftop solar system with the network of the distribution licensee shall be made as per the technical standards for connectivity of distributed generated resources regulation's .as may be notified by the competent authority. The interconnection of the roof top solar system shall be as per the contracted load and / or respective voltage level applicable to the Purchaser as per the provisions of the guidelines issued by the competent authority.
- f) Health and Safety: The Power Producer shall take all necessary and reasonable safety precautions with respect to providing the Installation Work, Solar Power, and System Operations that shall comply with all Applicable Law pertaining to the health and safety of persons and real and personal property.
- g) **Power Producer Defaults:-**In case the Solar Power Plant is not achieving generation, as envisaged in Mukhyamantri Solar Power Yojana i.e. 550 units / kWp half yearly and 1100 units / kWp yearly for the first five years, the Producer will be pay to the power purchaser @ ₹ 2.00 / unit for 550 units / kWp / half yearly for that cycle. Any such penalty will be adjusted in the next billing month.

8.2 Power Producer's Representatives

During the subsistence of this Agreement, the Power Producer undertakes to respond to all questions, concerns and complaints of the Purchaser regarding the System in a prompt and efficient manner. The Power Producer designates the following Individual as its representative pertaining to performance of this Agreement till the Commercial Operation Date:

Name : Mr. Medhir Jain
 Telephone : 011- 41323655
 Email : info@hfmsolar.com

The Power Purchaser designates the following individuals as its representative and primary point of contact pertaining to performance of this Agreement following the Commercial Operation Date till termination:

Name : Dr. Mamta Sharma
 Telephone : 011 - 2752741
 Email : info@aditi.du.ac.in

8.3 Purchaser's Covenants

Purchaser covenants and agrees to the following:

- a) **Notice of Damage or Emergency:** Purchaser shall (a) promptly notify the Power Producer if it becomes aware of any damage to or loss of the use of the System or that could reasonably be expected to adversely affect the System;
- b) Immediately notify the Power Producer once it becomes aware of any event or circumstance that poses an imminent risk to human health, the environment, the System or the Premises.
- c) **Liens:** Purchaser shall not directly or indirectly cause, create, incur, assume or suffer to exist any Liens on or with respect to the System or any interest therein. If Purchaser breaches its obligations under this Clause, it shall immediately notify the Power Producer in writing, and shall promptly cause such Lien to be discharged and released of record without any cost to the Power Producer, and shall indemnify the Power Producer against all costs and expenses (including reasonable attorneys fees and court costs) incurred in discharging and releasing such Lien.
- d) **Consents and Approvals:** Purchaser shall ensure that any authorizations required of Purchaser under this Agreement, including those required for installation of System at the Premises and to drawl consume Solar Power are provided in a timely manner. The Purchaser shall cooperate with the Power Producer to obtain such approvals, permits, rebates or other 'financial incentives.
- e) **Access to Premises Grant of License:** Purchaser hereby grants to the Power Producer a license co-terminus with the Term, containing all the rights necessary for the Power Producer to use portions of the Premises for the installation, operation and maintenance of the System pursuant to the terms of this Agreement, including ingress and egress rights to the Premises for the Power Producer and its employees and authorized representatives and access to electrical panels and

Mamta Sharma
 Principal,
 Aditi Mahavidyalaya
 (University of Delhi),
 Bawana, Delhi-110 039

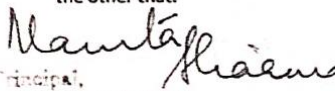



conduits to interconnect or disconnect the system with the Premises electrical wiring with the consent and approval of the Purchaser's authorized representative identified by the Purchaser. Photo IDs will be provided by the Power Producer. Power Purchaser will assist in availing permissions to the site.

- f) **Security:** The building which has enhanced security of Solar Power System Purchaser will keep the premises locked. In spite of these measures, if any damages to the System takes place due to theft or vandalism then the same shall be claimed or reimbursed through insurances by Power producer. In case of theft and vandalism acts, the Purchaser will assist the Power Producer in procedures of filing FIRs, insurance claims and any other related activities.
- g) Whenever, the damages to the System occurs (except due to negligence of Power Producer) then the same shall be jointly assessed by both the Parties and a severity level will be decided, which will further decide the duration offered to the Power Producer to correct the damage, and the Power Producer shall be paid the amount on the basis of 'Deemed generation' for such a period.
- h) Power Producer shall be entitled to any insurance proceeds received for damages in this clause. Purchaser will not conduct activities on, in or about the Premises that have a reasonable likelihood of causing damage, impairment or otherwise adversely affecting the System. If System is damaged due to any such activity or through any other agency contracted by the Purchaser directly or indirectly, such damage will be borne by the Purchaser.
- i) Regardless of whether Purchaser is owner of the Premises or leases the Premises from a landlord, Purchaser hereby covenants that (a) the Power Producer shall have access to the Premises and System during the Term of this Agreement, and (b) neither Purchaser nor Purchaser's landlord will interfere or handle any of the Power Producer's equipment or the System without written authorization from the Power Producer.
- j) **Temporary storage space during installation:** Purchaser shall provide sufficient space at the Premises for the temporary storage and staging of tools, materials and equipment and for the parking of construction crew vehicles and temporary Construction, trailers and facilities reasonably necessary during the Installation Work, System Operations and access for rigging and material handling.
- k) **Sunlight Easements:** Purchaser will take all reasonable actions as necessary to prevent other building, structures or flora from overshadowing or otherwise blocking access of 'sunlight to the System, including but not limited to-such actions as may be reasonably necessary to obtain a solar access easement for such purpose.
- l) **Evacuation:** Purchaser shall off take 100% of the Solar Power generated from the Delivery Point, and pay all invoices raised by the Power Producer under this Agreement by the ' Due Date and pay interest on delayed payments, if any, as per this Agreement.
- m) **Water - Power Purchaser** at zero cost shall arrange Raw Water at a given point as per the requirements of the Power Producer, for periodic cleaning of the solar panels (600 – 700 liters twice a month).
- n) **Auxiliary Power:** The Purchaser shall provide sufficient auxiliary power to the Power Producer for the maintenance and operation of its system, if available and possible, at the rate Purchaser is paying to the DISCOM.
- o) **Relocation:** if one or more of the Solar Power Plant panels needs to be temporarily moved or its generation suspended, for any other reason requested by the Power Purchaser, the Power Purchaser will be responsible for pre-agreed costs on actuals only, arising from moving, disassembling and re-installing/ commissioning the Solar Power Plant, as agreed between the Parties. The Power Producer will be responsible for providing detailed documentary proof of the actual pre-agreed costs borne for such relocation/ disassembling. Within 30 days of these satisfactory documents being provided by the Power Producer, the Purchaser shall reimburse these pre-agreed expenses in full, and delayed payment beyond the date mentioned above will attract Late Payment charges as described in Clause 7.6. During any interruption in generation during such relocation, the Purchaser will continue to be billed as per Deemed Generation, during the period of interruption, for the affected Solar Power Plant(s).

9 Representations & Warranties

9.1 Representations and Warranties Relating to Agreement Validity In addition to any other representations and warranties contained in the Agreement, each Party represent and warrants to the other that:


Principal,
Add: Mahavidyalaya
Delhi,
New Delhi, India - 110012




- a) It is duly organized and validly existing and in good standing in the jurisdiction of its incorporation;
- b) It has the full right and authority to enter into, execute, deliver, and perform its obligations under the Agreement.
- c) It has taken all requisite corporate or other action to approve the execution, delivery, and performance of the Agreement;
- d) The Agreement constitutes its legal, valid and binding obligation enforceable against such Party in accordance with its terms;
- e) There is not litigation, action, proceeding or investigation pending or, to the best of its knowledge, threatened before any court or other Governmental Authority by, against, affecting or involving any of its business or assets that could reasonably be expected to adversely affect its ability to carry out the transactions contemplated herein; and
- f) Its execution and performance of the Agreement and the transactions contemplated hereby do not constitute a breach of any term or provision of, or a default under (i) any contract or agreement to which it or any of its Affiliates is a party or by which it or any of its Affiliates or its or their property is bound, (ii) its organizational documents, or (iii)
- g) any Applicable Laws.

10 Taxes and Governmental Fees

10.1 Purchaser obligations

Purchaser shall pay for any taxes, fees or charges imposed or authorized by any Governmental Authority in future (as on date no such taxes/fees/charges are being levied) on sale of the Solar Power to Purchaser pursuant to clause 7. The Power Producer shall notify Purchaser in writing with a detailed statement of such amounts, which shall be invoiced by the Power Producer in the monthly bills and payable by Purchaser. Purchaser shall timely report, make filings for, and pay any and all sales, use, income or other taxes, and any other amounts assessed against it due to its purchase of the Solar Power. This Section 10.1 excludes taxes specified in Section 10.2.

10.2 Power Producer Obligations

The Power Producer shall be responsible for all income taxes and any and all franchise fees or similar fees assessed against it due to its ownership of the System. The Power Producer shall not be obligated for any taxes payable by or assessed against Purchaser based on or related to Purchasers overall income or revenues.

11 Force Majeure

11.1 Definition

"Force Majeure Event" means any act or event that prevents the affected Party from performing its obligation in accordance with the Agreement, if such act or event is beyond the reasonable control of the affected Party and such Party had been unable to overcome such act or event with the exercise of due diligence (including the expenditure of reasonable sums). Subject to the foregoing conditions, "Force Majeure Event" shall include without limitation the following acts or events: (i) natural phenomena, such as storms, hurricanes, floods, lightning, volcanic eruptions and earthquakes; (ii) explosions or fires arising from lighting or other causes unrelated to the acts or omissions of the Party seeking to be excused from performance; (iii) acts of war or public disorders, civil disturbances, riots, insurrection, sabotage, epidemic, terrorist acts, or rebellion. A Force Majeure Event shall not be based on the economic hardship of either Party. In case of any damage because of force majeure event, the System shall be repaired/ commissioned at its own cost by the Power Producer.

11.2 Excused Performance:

Except as otherwise specifically provided in the Agreement, neither Party shall be considered in breach of the Agreement or liable for any delay or failure to comply with the Agreement, if and to the extent that such delay or failure is attributable to the occurrence of a Force Majeure Event; provided that the Party claiming relief under this Section 11 shall immediately (i) notify the other Party in writing of the existence of the Force Majeure Event, (ii) exercise all reasonable efforts necessary to minimize delay caused by such Force Majeure Event, (iii) notify the other Party in

Handwritten signature: Nanta Saenu
Handwritten initials: w/ H



writing of the cessation or termination of said Force Majeure Event and (iv) provided, however, that Purchaser shall not be excused from making any payments and paying any unpaid amounts due in respect of Solar Power delivered to Purchaser prior to the Force Majeure Event performance interruption.

11.3 Termination as a Consequence of Force Majeure Event

If a Force Majeure Event shall have occurred that has affected the Power Producer's performance of its obligations hereunder and that has continued for a continuous period of one hundred eighty (180) days, then Purchaser shall be entitled to terminate the Agreement and if such Force Majeure Event continues for further ninety (90) days period, the Agreement shall automatically terminate. Upon such termination for a Force Majeure Event, neither Party shall have any liability to the other (other than any such liabilities that have accrued prior to such termination).

12 Default

12.1 Power Producer Defaults and Power Purchaser Remedies

a) Power Producer Defaults:

The following events shall be defaults with respect to the Power Producer (each, a "Power Producer Default").

- (I) An Insolvency Event shall have occurred with respect to the Power Producer;
- (II) Failure to achieve Commissioning of the System within the period as per RFS document; and
- (III) The Power Producer breaches any material term of the Agreement and (A) if such breach can be cured within sixty (60) days after Purchaser's written notice of such breach and the Power Producer fails to cure the same; or (B) the Power Producer fails to commence and pursue a cure within such sixty (60) days period if a longer cure period is needed.

b) Power Purchaser's Remedies:

- (I) If a Power Producer Default described in Section 12.1 (a) has occurred and is continuing, in addition to other remedies expressly provided herein, and subject to Section 13, Purchaser shall have a right to deliver a notice of its intention to terminate this Agreement ("Purchaser Preliminary Default Notice"), which shall specify in reasonable detail, the circumstances giving rise to the issue of such notice.
- (II) Upon the occurrence and continuation of Power Producer Default and the failure by the Power Producer to cure such default within the applicable cure period specified in this Article; the Purchaser shall be at liberty avail the services of any other firm / successful bidder.
- (III) Following the issue of Purchaser Preliminary Default Notice, it shall be the responsibility of the Parties to discuss as to what steps shall be taken with a view to mitigate the consequences of the relevant Power Producer's Default having regard to all the circumstances: If the Power Producer Default is not cured within a period of sixty
- (IV) (60) days of the issue of Purchaser Preliminary Default Notice or any other such period mutually agreed upon by the Parties, the Purchaser shall have the right to terminate this Agreement by issuing a Purchaser Termination Notice.
- (V) Upon the delivery of the Purchaser Termination Notice, this Agreement shall stand terminated. The Power Producer shall have the liability to make payment within sixty (60) days from the date of Purchaser Termination Notice towards compensation to Purchaser equivalent to the difference between the Tariff and the grid rate notified by the relevant Government Authority for that point in time multiplied by the estimated Solar Power generated for a period of two years following the termination, considered on normative capacity utilization factor.
- (VI) if the Power Producer fails to remove the System from the Premises within one month from the date of termination, the Purchaser shall be entitled to dispose of the System in any manner it deems fit.
- (VII) The Power Purchaser may exercise any other remedy it may have at law or equity or under the Agreement.

Hanita Khanna
Principal,
Aditi Mahavidyalaya
(Univ. Delhi),
Sector 110, Gurgaon



12.2 Power Purchaser Defaults and Power Producer's Remedies

a) **Purchaser Default:** The following events shall be defaults with respect to Purchaser (each, a "Purchaser Default")

- (i) An Insolvency Event shall have occurred with respect to Purchaser;
- (ii) Purchaser breaches any material term of the Agreement if (A) such breach can be cured within sixty (60) days after the Power Producer's notice of such breach and Purchaser fails to so Cure, or (B) Purchaser fails to commence and pursue said cure within such sixty (60) day period if a longer cure period is needed; and
- (iii) Pin-chaser-fails to pay the Power Producer any undisputed amount or, if the amount is disputed, an amount based on average consumption of last three consecutive undisputed invoices to the Power Producer under Section 7.7 of this Agreement within sixty (60) days from the receipt of notice from the Power Producer of such past due amount(b)Power Producer's Remedies: If a Purchaser Default described in Sections 12.2 (a) has occurred and is continuing, in addition to other remedies expressly provided herein, and subject to Section 13, the Power Producer shall be entitled to terminate this Agreement by serving a fifteen (15) days' notice and upon such termination, (A) the Power Producer shall be entitled to receive from Purchaser the Purchase Price. The Purchase Price payable shall be the Purchase Price Specified in Schedule III that falls on such date. Upon the payment of the Purchase Price, the Power Producer shall cause the title of the System to transfer to the Purchaser and (b) the Power Producer may exercise any other remedy it may have at law or equity or under the Agreement.

13 Limitations of Liability

13.1 Except as expressly provided herein, neither Party shall be liable to the other Party or its Indemnified Persons for any special, punitive, exemplary, indirect, or consequential damages, losses or damages for lost revenue or lost profits, whether foreseeable or not, arising out of, or in connection with the Agreement.

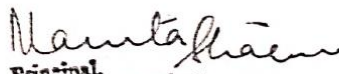
13.2 Subject to the provisions of the Agreement, the Power Producer shall be solely responsible for the manner in which its obligations under this Agreement are to be performed. All employees and representatives of the Power Producer, or contractors engaged by the Power producer in connection with Power Producer and shall not be deemed to be employees, representatives, contractors of the Purchaser Nothing contained in the Agreement or in any agreement or contract executed by the Power Producer shall be construed to create any contractual relationship between any such employees, representatives or contractors and the Purchaser.

13.3 Notwithstanding any liability, or obligation that may arise under this Agreement, any loss, damage, liability, payment, obligation or expense which is insured or not or for which the Purchaser can claim compensation under any insurance policy, shall not be charged to or payable by the Purchaser.

14 Assignment & Novation

14.1 Assignment:

Notwithstanding anything contained herein, the Power Producer has the right to assign all or any of its rights under this Agreement (including rights over any assets hereunder), to any third party including, though not restricted to any lender, equipment lessor or other party("Assignment"), with the consent of the Power Purchaser. The Power Purchaser shall not unreasonably withhold such consent. In the event of such assignment, the Purchaser will be able to hold the Power Producer as well as the party to whom the benefits under this contract are assigned, to be jointly and severally responsible for performing the obligations under this contract. Further, in the event of assignment, the Purchaser agrees to make the payments due to the Power Producer under this agreement, directly to the assignee, upon receipt of such notice by the Power Producer. If the Power Producer were to sell the Solar Power Plant, then the new buyer(s) would need to abide by this Agreement. Further, the Power Producer reserves the right to assign whole or part of the assets to lenders/ leasing companies. Purchaser may assign its rights under this Agreement, without the prior consent of Power Producer, to an Affiliate or any successor in interest to Purchaser, whether by way of merger, reorganization or sale of assets (including any sale of a line of business). This Agreement shall insure to the benefit of and be binding upon Purchaser and its successors or assigns. However,


Principal,
Aditi Mahavidyalaya
(University of Delhi),
Basant Vihar, Delhi-110 032.



any such actions as intended by the Power Producer under Article 14.1 and Article 14.2 shall be binding on Power Purchaser, if there are zero material inconsistencies present in the contract provisions during the time of assignment/ novation, else, it shall be construed as default in contract and appropriate actions shall be taken as deemed fit.

14.2 Novation:

The Parties agree and acknowledge that the Power Producer may intend to novate the Agreement to a party, and has the right to transfer any or all of its rights and obligations under this Agreement to a party or any other third party ("New Party"), with the consent of the Power Purchaser. The Power Purchaser shall not unreasonably withhold such consent. Upon Novation, the New Party shall automatically and without any further action be entitled to all the same rights and assume the same obligations, under this Agreement, as if it were originally a party to this Agreement. Further, the Purchaser hereby agrees and undertakes that, promptly upon receiving a request from the Power Producer, the Purchaser shall execute such further writings, deeds and/or agreements and take all such further actions as may be necessary for effecting or implementing the transfer of any or all of the Power Producer's rights and/or obligations under this Agreement to the New Party. If the parties agree to do Novation, then separate Novation agreement shall be executed.

14.3 Notices

Unless otherwise provided in the Agreement, all notices and communications concerning the Agreement shall be in writing and addressed to the Parties at the addresses set forth below:

Power Producer's Address and Contact Details:

HFM Roof Top Solar Private Limited
A 69, FIEE Complex, Okhla Phase II, New Delhi – 110020

Name : Mr. Anil Mishra
Telephone : 011- 41323655
Email : info@hfmtsolar.com

Power Purchaser's Address and Contact Details:

Aditi Mahavidyalaya (University of Delhi)
Delhi Auchandi Road, Bawana, Delhi-110039

Name : Dr. Mamta Sharma
Telephone : 011-2752741
Email : info@aditi.du.ac.in


14.4 Notice

Unless otherwise provided herein, any notice provided for in the Agreement shall be hand delivered, sent by registered post, or by courier delivery, or transmitted by facsimile and shall be deemed delivered to the addressee or its office when received at the address for notice specified above when hand delivered or sent by courier delivered or sent by courier delivery, upon posting if sent by registered post and upon confirmation of sending when sent by facsimile on the next Business Day.

15 Confidentiality

15.1 Confidentiality Obligation

- a) If the Power Producer provides confidential information, including business plans, strategies, financial information, proprietary, patented, licensed, copy righted or trademarked information, and / or technical information regarding the , design, operation and maintenance of the System ("Confidential Information") to Purchaser or, if in the course of performing under the Agreement or negotiating the Agreement Purchaser learns Confidential Information


Principal,
Aditi Mahavidyalaya
University of Delhi,
Bawana, Delhi-110039.
M



regarding the facilities or plans of the Power Producer, Purchaser shall (a) protect the Confidential Information from disclosure to third parties with the same degree of care accorded its own confidential and proprietary information, and (b) refrain from using such Confidential Information, except in the negotiation and performance of the Agreement.

Notwithstanding the above, Purchaser may provide such Confidential Information to its officers, directors, manager, employees and Affiliates (collectively "Representatives"), in each case whose access is reasonably necessary for purposes of the Agreement. Each such recipient of confidential Information shall be informed by Purchaser of its confidential nature and shall be directed to treat such information confidentially and shall agree to abide by these provisions. Purchaser shall be liable for any breach of this provision by any entity to whom it improperly discloses Confidential Information. All Confidential Information shall remain the property of the Power Producer and shall be returned to it after Purchaser's need for it has expired or upon the request of the Power Producer.

- b) If the Purchaser provides confidential Information, including business plans, strategies, financial information, proprietary, patented, licensed, copy righted or trademarked information, ("Confidential Information") to the Power Producer or, if in the course of performing under the Agreement or negotiating the Agreement the Power Producer learns Confidential Information regarding the facilities Or plans of the Purchaser, the Power Producer shall (a) protect the Confidential Information from disclosure to third parties with the same degree of care accorded its own confidential and proprietary information, and (b) refrain from using such Confidential Information, except in the negotiation and performance of the Agreement. Notwithstanding the above, the Power Producer may provide such Confidential Information to its officers, directors, managers, employees and Affiliates (collectively, "Representatives"), in each case whose access is reasonably necessary for purposes of the Agreement. Each such recipient of Confidential Information shall be informed by the Power Producer of its confidential nature and shall be directed to treat such information confidentially and shall agree to abide by these provisions. The Power Producer shall be liable for any breach, of this provision by any entity to whom it improperly discloses Confidential Information. All Confidential Information shall remain the property of the Purchaser and shall be returned to it after the Power Produce's need for it has expired or upon the request of the Purchaser.

15.2 Permitted Disclosures

Notwithstanding any other provision contained herein, neither Party shall be required to hold confidential any information that;

- a) Becomes publicity available other than through the receiving Party.
- b) Is required to be disclosed under Applicable Law or pursuant to a validly issued notice or required filing, but a receiving Party subject to any such requirement shall promptly notify the disclosing Party of such requirement.
- c) Is independently developed by the receiving Party's; or
- d) Becomes available to the receiving Party without restriction from a third party under no obligation of confidentiality.

16 Indemnity

16.1 Power Producer's Indemnity

Subject to Section 13, the Power Producer agrees that it shall indemnify and hold harmless Purchaser and its members, officers, employees, students, casual labourers, persons permitted' to run any business or service, such as canteens, stores, photocopy units, banks, post office, courier service, hospital and to any lawful visitors (collectively, the "Purchaser Indemnified Parties") from and against any and all Losses incurred by the Purchaser Indemnified Parties to the extent arising from or out of the following any claim for or arising out of any injury to Or death of any Person or Loss or damage to Property of any Person to the extent arising out of the Power Producer's negligence or willful misconduct. The Power Producer shall not, however, be required to reimburse or indemnify any Purchaser Indemnified Party for any loss to the extent such loss is due to the negligence or willful misconduct of any Purchaser indemnified Party.

16.2 Purchaser's Indemnity

Mamta Prasad
Principal,
Aditi Mahavidyalaya
(University of Delhi),
Bawana, Delhi-110 032



Subject to Section 13, Purchaser agrees that it shall indemnify, defend and hold harmless the Power Producer, its permitted successors and assigns and the irrelative directors, officers, employees, contractors, sub-contractors, and agents (collectively, the "Power Producer Indemnified Parties") from and against any and all losses incurred by the Power Producer Indemnified Parties to the extent arising from or out of any claim for or arising out of any injury to or death of any Person or loss or damage to property of any Person to the extent arising out of Purchaser's negligence or willful misconduct. Purchaser shall not, however, be required to reimburse or indemnify any Power Producer Indemnified Party for any Loss to the extent such Loss is due to the negligence or willful misconduct of any Power Producer Indemnified Party.

17 Miscellaneous

17.1 Amendments

This Agreement may only be amended, modified or, supplemented by an instrument in writing executed by duly authorized representatives of the Power Producer and Purchaser.

17.2 Goodwill and Publicity

Neither Party shall use any name, trade name, service mark or trademark of the other Party in any promotional or advertising material without the prior written consent of such other Party. The Parties shall coordinate and cooperate with each other when making public announcements related to the execution and existence of this Agreement, and each Party shall have the right to promptly review, comment upon and approve any publicity materials, press releases and other public statements by the other Party that refer to, or that describe any aspect of, this Agreement; provided that no such publicity releases or other public statements (except for filings or other statements or releases as may be required by applicable law) shall be made by either Party without the prior written consent of the other Party. Without limiting the generality of the foregoing and whether or not the consent of the other Party is required or obtained, all public statements must accurately reflect the rights and obligations of the Parties under this Agreement.

17.3 Industry Standards

Except as otherwise set forth herein, for the purpose of the Agreement, the normal standards of performance within the solar photovoltaic power generation industry in the relevant market shall be the measure of whether a Party's performance is reasonable and timely. Unless expressly defined herein, words having well-known technical or trade meanings shall be so construed.

17.4 Cumulative Remedies

Except as set forth to the contrary herein, any right or remedy of the Power Producer or Purchaser shall be cumulative and without prejudice to any other right or remedy.

17.5 No Waiver

The failure of the Power Producer or Purchaser to enforce any of the provisions of the Agreement, or the waiver thereof, shall not be construed as a general waiver or relinquishment on its part of any such provision in any other instance or of any other provision in any instance.

17.6 Survival

The obligations under Section 8:1 (d) (Power Producer Covenant), Sections 8.3(d),(e), (f) and (g) (Purchaser Covenants), Section 10 (Taxes and Governmental Fees), Section 13 (Limitation of Liability) Section 12.2 (Notices), Section 15 (Confidentiality), or pursuant to other provisions of this Agreement that, by their nature and context, are intended to survive. Termination of this Agreement shall survive the expiration or termination of this Agreement for any reason.

17.7 Governing Law & Jurisdiction

- a) This Agreement shall be governed by and construed in accordance with the laws of India. The Parties agree that the courts in Delhi shall have jurisdiction over any action or proceeding arising under the Agreement.
- b) In the event of any Dispute, difference of opinion or dispute or claim arising out of or relating to this Agreement or breach, termination or the invalidity thereof, shall firstly be attempted to be resolved by conciliation. Any Dispute that cannot be settled through conciliation procedure shall be referred to arbitration in accordance with the procedure given below. The Parties agree to comply with the awards resulting from arbitration and waive their rights to

Manita Chauhan
Principal,
G.D. Mahavidyalaya,
(University of Delhi),
New Delhi-110 029.



any form of appeal in so far as such waiver can validly be made. Cost of conciliation shall be equally shared by both the parties.

c) **Arbitration Procedure:**

Settlement of Dispute:

If any dispute of any kind whatsoever arises between Purchaser and Power Producer in connection with or arising out of the contract including without prejudice to the generality of the foregoing, any question regarding the existence, validity or termination, the parties shall seek to resolve any such dispute or difference by mutual consent.

If the parties fail to resolve, such a dispute or difference by mutual consent, within 45 days of its arising, then the dispute shall be referred by either party by giving notice to the other party in writing of its intention to refer to arbitration as hereafter provided regarding matter under dispute. No arbitration proceedings will commence unless such notice is given. Any dispute in respect of which a notice of intention to commence arbitration has been given in accordance with sub clause, shall be finally settled by arbitration.

In case the Contractor (Power Producer) is a Public-Sector Enterprise or a Government Department:

In case the Contractor is a Public-Sector Enterprise or a Government Department, the dispute shall be referred for resolution in Permanent Machinery for Arbitration (PMA) of the Department of Public Enterprise, Government of India. Such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary /Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

In All Other Cases

In all other cases, any dispute submitted by a party to arbitration shall be heard by an arbitration panel composed of three arbitrators, in accordance with the provisions set forth below.

The Purchaser and the Power Producer shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the two arbitrators do not succeed in appointing a third arbitrator within Thirty (30) days after the later of the two arbitrators has been appointed, the third arbitrator shall, at the request of either party, be appointed by the Appointing Authority for third arbitrator which shall be the President, Institution of Engineers.

If one party fails to appoint its arbitrator within thirty (30) days after the other party has named its arbitrator, the party which has named an arbitrator may request the Appointing Authority to appoint the second arbitrator. If for any reason an arbitrator is unable to perform its function, the mandate of the Arbitrator shall terminate in accordance with the provisions of applicable laws as mentioned in Clause (Governing Law) and a substitute shall be appointed in the same manner as the original arbitrator.

Arbitration proceedings shall be conducted with The Arbitration and Conciliation Act, 1996. The venue or arbitration shall be New Delhi. The decision of a majority of the arbitrators (or of the third arbitrator chairing the arbitration panel, if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction as decree of the court. The parties thereby waive any objections to or claims of immunity from such enforcement. The arbitrator(s) shall give reasoned award. Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the agreement unless they otherwise agree. Cost of arbitration shall be equally shared between the Power Producer and Purchaser.

Manoj Sharma
Secretary,
Institution of Engineers,
Government of Delhi,
New Delhi-110 002



17.8 Severability

If any term, covenant or condition in the Agreement shall, to any extent, be invalid or unenforceable in any respect under Applicable Law, the remainder of the Agreement shall not be affected thereby, and each term, covenant or condition of the Agreement shall be valid and enforceable to the fullest extent permitted by Applicable Law and if appropriate, such invalid or unenforceable provision shall be modified or replaced to give effect to the underlying intent of the Parties and to the intended economic benefits of the Parties.

17.9 Successors and Assigns

This Agreement and the rights and obligations under the Agreement shall be binding upon and shall inure to the benefit of the Power Producer and Purchaser and the irrelative successors and permitted assigns.

17.10 Counterparts

This Agreement may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument.

17.11 Independent Service Provider

This Agreement is on a principal to principal basis between the parties hereto. Nothing contained in this Agreement shall be construed or deemed to create any association, partnership or joint venture or employer employee relationship or principal-agent relationship in any manner whatsoever between the Parties.

17.12 Non-Exclusive Agreement


This Agreement is on non-exclusive basis. The Purchaser is free to engage any other service provider's or may entrust services similar to those provided by the Power Producer under this Agreement to any other person/s, provided the Power Producer's rights under this Agreement are not affected in any manner.

17.13 Entire Agreement

This Agreement constitutes the entire agreement between the Parties hereto with respect of the subject matter of this Agreement and supersedes all prior agreements and undertakings; written or oral, with respect to the subject matter hereof except as otherwise expressly provided herein. The Schedules annexed to this Agreement also form a part of this Agreement.

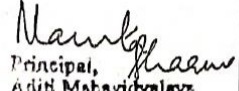

17.14 Insurance

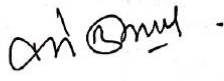

The Power Producer shall maintain at its own costs, throughout the tenure of this Agreement and any extensions thereof all mandatory insurance coverage for adequate amount including but not restricted to comprehensive general liability insurance including theft and vandalism, covering the System and accidental losses, bodily harm, injury, death of all individuals employed/ assigned by the Power Producer to perform the services required under this Agreement. Annual accounts reconciliation shall be conducted annually between the Power Producer and Purchaser.

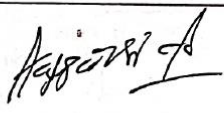
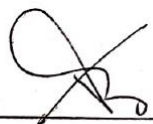

Principal,
Aditi Mahavidyalaya
(University of Delhi),
Bawana, Delhi-110 032



IN WITNESS WHEREOF the Parties have caused the Agreement to be duly executed through their duly authorized representatives as of the date set forth above.

POWER PURCHASER		POWER PRODUCER	
FOR & ON BEHALF OF ADITI MAHAVIDYALAYA (University of Delhi)		FOR & ON BEHALF OF HFM ROOF TOP SOLAR PRIVATE LIMITED	
Signature	 Principal, Aditi Mahavidyalaya (University of Delhi), Bawana, Delhi-110 039.	Signature	
Name	Dr. Mamta Sharma	Name	Mr. Medhir Jain
Designation	Principal	Designation	Director

WITNESSES		WITNESSES	
Signature		Signature	
Name	V. P. Tikekar	Name	Mr. Devendra Sikarwar
Designation	Administrative officer	Designation	Sr. Manager

WITNESSES		WITNESSES	
Signature		Signature	
Name	Ashutosh Aggarwal	Name	Mr. Jai Vardhan
Designation	Section officer	Designation	Executive - BD

SCHEDULE-I

Description of the Premises

Premises Overview	Aditi Mahavidyalaya (University of Delhi) Delhi Auchandi Road, Bawana, Delhi-110039
Segment	Institutions
Type of Roof	RCC Flat Roofs
Hours of Operation	24 Hours, 7 Days a Week
Security	Gated Complex with dedicated round the clock security arrangement.

Capacity and Area Requirement

Capacity	100 kWp (approx.)
Module Area	610 Sq. Mtr (PV System)
Number of Building	03 No.
Roofs	RCC Flat and Tin Shed
Distribution	Multiple Roof Tops

Maula Sharma
Principal,
Aditi Mahavidyalaya
(University of Delhi),
Bawana, Delhi-110039.



SCHEDULE II

FEES

Following are the details of the tariff agreed between the parties.

Purchaser shall pay power producer for solar power at the rate equal to ₹ 3.96 / kWh which is the levelized tariff as per Indraprastha Power Generation Company Limited allocation.

Year Wise Tariff

Year 1	3.15
Year 2	3.24
Year 3	3.34
Year 4	3.44
Year 5	3.55
Year 6	3.65
Year 7	3.76
Year 8	3.87
Year 9	3.99
Year 10	4.11
Year 11	4.23
Year 12	4.36
Year 13	4.49
Year 14	4.63
Year 15	4.76
Year 16	4.91
Year 17	5.05
Year 18	5.21
Year 19	5.36
Year 20	5.52
Year 21	5.69
Year 22	5.86
Year 23	6.04
Year 24	6.22
Year 25	6.40

The fees and payment details are provided in detail under clause 7 of this agreement.

Namta Sharma

Principal,
Aditi Mahavidyalaya
(University of Delhi),
Bafana, Delhi-110 039

MS



SCHEDULE III

The following is the purchase value of the system over a period of 25 years. This may be applicable under the following conditions.

1. The Power Purchaser terminates the PPA before the 25 years PPA Tenure.
2. The Power Purchaser wishes to own the Project before the Tenure of the PPA.
3. The Solar Project is relocated or shifted owing to demolition of the Building, damage to the building, change of city plans or any other mason.

The Price reference taken for calculating the total cost of the system is as per RFS rates for the category of Part-B i.e. ₹ 55,000 / kWp has used the CERC guidelines for arriving at the Project cost.

Year of Term (End of Year)	Calendar Year	Purchase Price in Crores (₹)
1 st Year	2019	0.550
2 nd Year	2020	0.528
3 rd Year	2021	0.506
4 th Year	2022	0.484
5 th Year	2023	0.462
6 th Year	2024	0.440
7 th Year	2025	0.418
8 th Year	2026	0.396
9 th Year	2027	0.374
10 th Year	2028	0.352
11 th Year	2029	0.330
12 th Year	2030	0.308
13 th Year	2031	0.286
14 th Year	2032	0.264
15 th Year	2033	0.242
16 th Year	2034	0.220
17 th Year	2035	0.198
18 th Year	2036	0.176
19 th Year	2037	0.154
20 th Year	2038	0.132
21 st Year	2039	0.110
22 nd Year	2040	0.088
23 rd Year	2041	0.066
24 th Year	2042	0.044
25 th Year	2043	0.022
26 th Year	2044	0.000

Mamta Sharma
 Principal,
 Aditi Mahavidyalaya
 University of Delhi
 New Delhi, India



SCHEDULE IV

Project : 100 kWp (approx.) Grid Connected Rooftop Solar Power Plant
 Location : Aditi Mahavidyalaya (University of Delhi), Delhi Auchandi Road, Bawana, Delhi - 110039
 Design Criteria : As per shadow free area design

Expected Yearly Energy Generation Sheet

End of Year	Yearly Degradation 'MWh' (Modules & System)	Global incident in coll. Plane (GlobInc) 'kWh/Sq.mtr' Yearly	Energy injected into grid (E_Grid) 'MWh' Yearly 'A'
1	Degradation consider in PV system generation data	5.12	140
2	1.00%		139
3	1.00%		137
4	1.00%		136
5	1.00%		134
6	1.00%		133
7	1.00%		132
8	1.00%		130
9	1.00%		129
10	1.00%		128
11	1.00%		127
12	1.00%		125
13	1.00%		124
14	1.00%		123
15	1.00%		122
16	1.00%		120
17	1.00%		119
18	1.00%		118
19	1.00%		117
20	1.00%		116
21	1.00%		115
22	1.00%		113
23	1.00%		112
24	1.00%		111
25	1.00%		110

Wanta Sharma
 Aditi Mahavidyalaya
 University of Delhi
 Bawana, Delhi



SCHEDULE V

Government Approvals:

1. To be obtained by the power producer:

All approvals including approvals/consents required under local regulations, building codes and approvals required from the distribution utility etc. relating to installation and operation of the system (including the government incentives/subsidies available for the project) and generation and supply of solar power from the Project.

2. To be obtained by Power Purchaser

Any authorizations required of purchaser, including those required for installation of system at the premises. Permissions and coordination with DISCOM or any related organization for NET METERING. Power Purchaser will apply for net-metering and bear the cost of net meter only.

Purchase Price for 100 kWp System @ ₹ 55 /- Watt

Year Salvage	Value (₹)
1 st Year	55,00,000
2 nd Year	52,80,000
3 rd Year	50,60,000
4 th Year	48,40,000
5 th Year	46,20,000
6 th Year	44,00,000
7 th Year	41,80,000
8 th Year	39,60,000
9 th Year	37,40,000
10 th Year	35,20,000
11 th Year	33,00,000
12 th Year	30,80,000
13 th Year	28,60,000
14 th Year	26,40,000
15 th Year	24,20,000
16 th Year	22,00,000
17 th Year	19,80,000
18 th Year	17,60,000
19 th Year	15,40,000
20 th Year	13,20,000
21 st Year	11,00,000
22 nd Year	8,80,000
23 rd Year	6,60,000
24 th Year	4,40,000
25 th Year	2,20,000
26 th Year	0

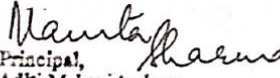
Namta Sharma
Principal,
Aditi Mahavidyalaya
(University of Delhi),
Bawana, Delhi 110 039.



ANNEXURE-I

(01) 70

NAME OF THE BENEFICIARY	HFM Solar Power Private Limited
PRINCIPAL PLACE OF BUSINESS & ADDRESS	1506, Hemkunt Tower, 98, Nehru Place, New Delhi-110019
NAME OF THE BANK	State Bank of India
BANK ADDRESS	State Bank of India, 40-41, Bakshi House, Nehru Place, New Delhi-110019
BANK ACCOUNT NO.	37792114025
TYPE OF BANK ACCOUNT - SB/CA/CC	Current Account
IFSC/NEFT/RTGS CODE	SBIN0004688
MICR CODE	110002086
PAN CARD NO.	AABCH9638M
PHONE NO./FAX NO. WITH STD CODE	011-41618226
EMAIL ID OF CONTACT PERSON	accounts@hfmtsolar.com


 Principal,
 Aditi Mahavidyalaya
 (University of Delhi),
 Dwarka, Delhi-110032

