

KAMALA NEHRU COLLEGE

(University of Delhi)

NAAC Accredited with 'A' Grade

August Kranti Marg, New Delhi – 110049

Phone: 011-26494881, Telefax: 011-26495964

E-mail: kamla.nehu_du@hotmail.com



Estd.1964

कमला नेहरू कॉलेज
(दिल्ली विश्वविद्यालय)

रा. मू. एवं प्र. प. द्वारा 'ए' श्रेणी प्रत्यायित

अगस्त क्रांति मार्ग, नई दिल्ली – 110049

दूरभाष: 011-26494881, टेलीफैक्स: 011- 26495964

ई-मेल: kamla.nehu_du@hotmail.com

SUPPORTING DOCUMENTS FOR 7.1.2

ENVIRONMENTAL CONSCIOUSNESS AND SUSTAINABILITY/ALTERNATE ENERGY INITIATIVES



Kamala Nehru College

Estd. 1964



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1. Write up on alternate use of energy- Solar energy and LED lights
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5. Tarrif terms and proposal for Solar panel of Frittsolar
6. Bills for installation of Sensor lights





1. Write up on alternate use of energy

i. Use of Solar energy

The College has been actively involved in using alternative sources of energy. The two Photovoltaic panels installed on the terrace are able to support 25 outdoor street lights in the College premises

ii. Use of sensor based energy conservation

The college has used sensor based LED light in the committee room as an initiative towards conservation of electricity

iii. Use of energy efficient electrical lighting/equipment

The College is in the process of replacing the existing T-5 tube lights with high energy efficient LED lights in a phased manner. Other equipment and electrical devices that are turning obsolete would be replaced with the ones with higher energy efficiency based on standards by Bureau of Energy Efficiency. The institution also uses 3 star Air conditioner save and minimize use of electricity.



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रा. मू. एवं प्र. प. द्वारा 'ए' श्रेणी प्रत्यायित
अगस्त क्रांति मार्ग, नई दिल्ली – 110049

दूरभाष: 011-26494881, टेलीफैक्स: 011- 26495964

ई-मेल: kamla.nehu_du@hotmail.com

2. Minutes of the meeting of College Building and Infrastructure Committee with Governing body for installation of Solar Panel


KAMALA NEHRU COLLEGE
(University of Delhi)
August Kranti Marg
New Delhi-110049

Minutes of the meeting of Building & Infrastructure Committee of the College Governing Body held on 12.09.2020 at 12:00 noon in the College Committee Room.

1. Ms. Numan Chaudhan	Chairperson
Shri Prasoon Shukla	Member
Shri Jaideep Ahuja	Member
1. Dr. Kalpana Bhakuni	Member Secretary

1. The Committee interacted with the team of IPGCL, regarding installation of Solar Panel. The members viewed the presentation submitted by the agency, represented by Ms. Surbhi Bansal, Mr. Kuljeet & Mr. Manjeet. The Committee decided to obtain detailed proposal from M/s IPGCL in connection with installation of Solar Panel.
2. The Committee advised that technical information regarding floating of tenders for installation of Solar Panel on College Buildings may be also obtained from Bureau of Energy Efficiency (BEE) & Indian Renewable Energy Development Agency Limited (IREDA).
3. The Committee confirmed the minutes of Governing Body Building Committee held on 17/08/2020. After confirmation of minutes, the Committee decided the following:-
 - (i) The Committee decided to liaise with Ms. Vandana Menon in connection with Rain Water Harvesting by the College for preparation and finalization of tender. The visiting charges/honorarium may be paid to Ms. Vandana Menon, as per norms. The Committee also advised that Ms. Vandana Menon should monitor the project of the College.
 - (ii) The committee decided the Waste Management Project work to proceed as per procurement norms in consultation with concerned organization/NGO'S for obtaining technical information on the matter & float the tenders, as per norms.
 - (iii) The committee suggested that Landscaping proposal be obtained as per norms and proceed accordingly.

The Meeting ended with a vote of thanks to the chair.


Dr. Kalpana Bhakuni
Principal (Officiating)


Chairperson
Governing Body
KAMALA NEHRU COLLEGE
(University of Delhi)
August Kranti Marg
NEW DELHI-110 049



Kamala Nehru College

Estd. 1964



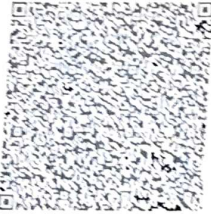
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INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

Certificate No. : IN-DL42496517835862R
Certificate Issued Date : 21-Aug-2019 11:01 AM
Account Reference : IMPACC (IV)/ d1857003/ DELHI/ DL-DLH
Unique Doc. Reference : SUBIN-DL42496517835862R
Purchased by : ATUL KAUSHAL
Description of Document : Article 5 General Agreement
Property Description : Not Applicable
Consideration Price (Rs.) : 0
(Zero)
First Party : ATUL KAUSHAL
Second Party : KAMLA NEHRU COLLAGE
Stamp Duty Paid By : ATUL KAUSHAL
Stamp Duty Amount(Rs.) : 50
(Fifty only)



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

Authoritative Person
Atul Kaushal
Authorized Person

Principal
Principal

AGREEMENT

This Agreement is made on this the 22nd day of August 2019 at New Delhi between M/s **Innovative Power Solutions** represented by **Atul Kaushal** with its office at A2/54, Safdarjung Enclave, New Delhi- 110029 (Hereinafter called First Party)

AND

M/s **Kamala Nehru College** (University of Delhi) represented by

Dr. Kalpana Bhakuni with its office at August Kranti Marg, Delhi -110049 (Here in after called Second Party)

The term "First and Second Party" shall admit and include all its successors in interest etc.,

Whereas the First Party is engaged in the business of installing Solar Lights and is well experienced in its installation, and maintenance.

Whereas the Second Party declares that he is the sole owner/ lessee/ licensees/ mortgage/ charge holder of the below stated property for the period of this agreement being entered.

Whereas, after discussion, the Parties herein are entering into this agreement in writing, on the following terms and conditions **with effect from 15/09/2019**

TERMS AND CONDITIONS

1. The First Party shall Install, commission 15 solar street light pole and maintain them (along with posts for 2-sided display boards, each side of minimum 40"x 30"or LED/LCD display at one location) at mutually agreed location having optimum displayed material visibility and technical feasibility.
2. The first party is endowed with the above mentioned rights in lieu of providing solar lights service free of charges for entire period of the agreement.

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For Innovative Power Solutions

Atul Kaushal

Authorised Signatory

Kalpana Bhakuni

प्राचार्या / PRINCIPAL

Kamala Nehru College

14. The First Party has the absolute right to take back the Lamps post, LED/LCD display and other material at the site of Second Party in case of termination of this agreement by any means. The Second Party will not make any objection or hurdle at all.
15. Both the parties have a right to withdraw and terminate this Agreement by giving 6 months written notice to the other party. In this case, Second Party is under an obligation to return above stated assets/material in existing condition to the First Party.
16. In case of any dispute, the point for determination of jurisdiction shall be at New Delhi, India.
17. The first party will upgrade the lighting system time to time.

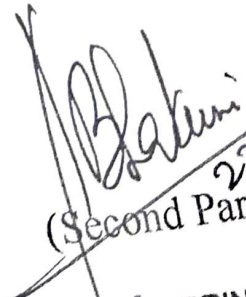
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156

IN WITNESS HEREOF THE PARTIES HEREIN HAVE SIGNED THEIR NAMES ON THE DAY, MONTH, AND YEAR FIRST ABOVE MENTIONED.

Witness 1.

For [unclear]
Alul Kewh
(First Party)

2.


(Second Party) 22/8/10
प्राचार्या / PRINCIPAL
कमला नेहरू कालेज / Kamala Nehru
दिल्ली विश्वविद्यालय / University
अगस्त क्रांति मार्ग / August Krar
नई दिल्ली-110049 / New Delh

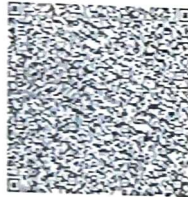


सत्यमेव जयते

INDIA NON JUDICIAL
Government of National Capital Territory of Delhi

e-Stamp

Certificate No. : IN-DL92234734773492R
Certificate Issued Date : 22-May-2019 11:53 AM
Account Reference : IMPACC (IV)/ d1907103/ DELHI/ DL-DLH
Unique Doc. Reference : SUBIN-DL90710389690077539219R
Purchased by : SONNEN AND ATUL KAUSHAL
Description of Document : Article 5 General Agreement
Property Description : Not Applicable
Consideration Price (Rs.) : 0
(Zero)
First Party : SONNEN AND ATUL KAUSHAL
Second Party : KAMLA NEHRU COLLEGE AND OTHERS
Stamp Duty Paid By : SONNEN AND ATUL KAUSHAL
Stamp Duty Amount(Rs.) : 50
(Fifty only)



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

For SONNEN

an
an Partner

K. Blahni
25/5/19
प्राचार्य / PRINCIPAL

कमला नेहरू कॉलेज / Kamala Nehru College
दिल्ली विश्वविद्यालय / University of Delhi
अगस्त क्रांति मार्ग / August Kranti Marg
नई दिल्ली-110049 / New Delhi-110049

Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at "www.sholestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

AGREEMENT

This Agreement is made on this the 23th day of 2019 at New Delhi between M/S. **SONNEN** represented by **ATUL KAUSHAL** with its registered office at A2/54, Safderjung Enclave, New Delhi- 110029 (Hereinafter called First Party).

AND

M/s **Kamala Nehru College** (University of Delhi) represented by Dr. **Kalpna Bhakuni** with its office at August Kranti Marg, Delhi -110049 (Here in after called Second Party)

The term "First and Second Party" shall admit and include all its successors in interest etc.,

Whereas the First Party is engaged in the business of installing Solar Lights and is well experienced in its installation, and maintenance.

Whereas the Second Party declares that he is the sole owner/ lessee/ licensees/ mortgage/ charge holder of the below stated property for the period of this agreement being entered.

10 no. of solar light units already installed by the First Party. Whereas, after discussion, the Parties herein are entering into this agreement in writing, on the following terms and conditions **with effect from 01/06/2019**.

TERMS AND CONDITIONS

1. The First Party shall Install, commission 5 more street light pole and will replace all CFL lights with 15W LED lights on all old poles and maintain them along with 10 already installed poles. All 15 Solar Lights poles in total (along with posts for 2-sided display boards, each side of minimum 40"x 30") at mutually agreed points having optimum displayed material visibility and technical feasibility.
2. The first party shall install a LED display board for temperature etc monitoring apprx. Size of 2' x 4'.

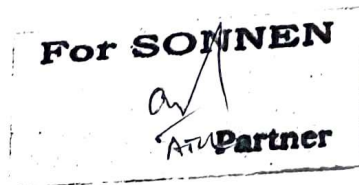
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For SONNEN
Atul Partner

Blakuni 25/5/19 Page 1
Principal / PRINCIPAL
कमला नेहरू कॉलेज / Kamala Nehru College
दिल्ली विश्वविद्यालय / University of Delhi
अगस्त क्रांति मार्ग / August Kranti Marg
नई दिल्ली-110049 / New Delhi-110049

3. The first party is endowed with the above mentioned rights in lieu of providing solar lights service free of charges for entire period of the agreement.
4. Initially this agreement is valid for 3 year. However, by mutual consent it can be extended or revised for further period.
5. The ownership rights of solar unit and related material shall solely always vest with the First Party.
6. The rights mentioned above pertaining to Material to be displayed of various products, services, utilities to promote its clientele/Sponsor, which are socially accepted and duly permitted by law to be displayed.
7. The Second Party shall also ensure the security and the safety of the solar lights and attached accessories against theft or pilferage. In case of theft or damage, the Second Party shall forthwith report the matter to the area police station and the First Party.
8. The Second Party will permit the First party's clients, sponsors, funding agencies, bankers to inspect the solar lights installed in the premises and to take the pictures of Lamp Post & displayed material, at all reasonable times.
9. In case of malfunctioning of solar lights units, authorized representative of the Second Party will inform for repair to the First Party, who shall forthwith get them repaired as soon as possible.
10. The First Party or any of its authorized official team-men, its franchise technicians etc. shall at all reasonable times, is allowed by the Second Party for the maintenance, revising Material Displayed on the installed units.
11. The Second Party also agrees to allow the First Party to re-install the posts, display boards at places acceptable to both the Parties, during the tenure of the agreement.
12. If the First Party apprehends that solar lights Post and the other material are mishandled or are prone to theft or likelihood of damage and re-continuing the assets in the premises, then the First Party is at liberty to revoke this agreement and can recover the solar lights Post & other material and the second party will indemnify the first party.
13. If first party has a convincing by valid reason for action under clause 12 of this agreement, the second party shall indemnify the first party for the loss done by such act, and permit first party to recover the solar light posts & other materials.

of 3




[Signature]
25/5/19 Page 2
प्राचार्या / PRINCIPAL
कमला नेहरू कॉलेज / Kamala Nehru College
दिल्ली विश्वविद्यालय / University of Delhi
अगस्त क्रांति मार्ग / August Kranti Marg
नई दिल्ली-110049 / New Delhi-110049

14. The material displayed rights of the first party on the installed post are absolute and unconditional.
15. The First Party has the absolute right to take back the Lamps Post and other material at the site of Second Party in case of termination of this agreement by any means. The Second Party will not make any objection or hurdle at all.
16. Both the parties have a right to withdraw and terminate this Agreement by giving 6 months written notice to the other party. In this case, Second Party is under an obligation to return above stated assets/material in existing condition to the First Party.
17. In case of any dispute, the point for determination of jurisdiction shall be at New Delhi, India

IN WITNESS HEREOF THE PARTIES HEREIN HAVE SIGNED THEIR NAMES ON THE DAY, MONTH, AND YEAR FIRST ABOVE MENTIONED.

Witness 1.

K. Ramen - 

SONNEN

2.

Party) 

(First Party)

For M/S
For SONNEN

Partner

(Second 

प्राचार्या / PRINCIPAL
कमला नेहरु कालेज / Kamala Nehru College
दिल्ली विश्वविद्यालय / University of Delhi
अगस्त क्रांति मार्ग / August Kranti Marg
नई दिल्ली-110049 / New Delhi-110049

Energy Sale Term sheet

30-Nov-2021

This Term Sheet is submitted as "Tariff Offer" for Solar Project Development at "Kamla Nehru College", New Delhi, Solar Plant Capacity- 70 kWp

ENERGY BUYER	Kamla Nehru College ("Energy Buyer")
ENERGY SELLER	Frittsolar ("Energy Seller")
TRANSACTION TYPE	The Energy Seller intends to sell to the Energy Buyer and the Energy Buyer intends to purchase from the Energy Seller for use at its facility located at Kamla Nehru College, August Kranti Marg, Siri Fort Institutional Area, Siri Fort, New Delhi, Delhi 110049
PLANT SIZE	Cumulative Capacity <ul style="list-style-type: none"> • 70 (+/-20%) kWp at rooftop * Subject to shadow free area & final design
GENERATION	<ul style="list-style-type: none"> • Estimated generation of 1300 units/kWp/Year
PPA TARIFF	<ul style="list-style-type: none"> • PPA Period -25 years • Rs 4.75/Kwh with 3% annual escalation
PAYMENT OF REGULATORY CHARGES, TAXES ETC.	PPA Tariff shall be exclusive of all Regulatory Charges, taxes and duties etc. that may become applicable during the subsistence of the PPA tenure.
PPA TENURE	25 Years
PAYMENT SECURITY	The Energy Buyer will need to submit to the Power Producer a Bank Guarantee, equivalent to 3 months payment made towards electricity produced at the applicable rates or in the form of any other instrument as may be agreed in writing by the Power Producer.

**ENERGY BUYER
GUARANTEE**

Energy Buyer shall undertake to consume the entire energy generated from the project and in case of any loss of generation due to reasons attributable to Energy Buyer, it shall compensate the Energy Seller for such loss of generation at applicable Tariff.

Energy Buyer shall also be billed as per Deemed Generation in the event:

1. That the solar power plant is damaged by any act, negligence or omission by the Energy Buyer, or any of its employees, agents, contractors or affiliates;
2. That the solar power plant is temporarily relocated due to site repairs or for any other reason either at the request of the Energy Buyer or due to acts of negligence or omission of the Energy Buyer or its employees, agents or contractors

BILL PAYMENT

Bills Paid on monthly basis, 1.25 % p.m. late payment surcharge applicable for delay in payments from due date (within 15 days beyond due).

**CONNECTIVITY
BUYOUT VALUE**

LT
Buyout Values at the end of different years are provided below.

Buyout Price (Rs/watt)	
1st year	41.3
2nd year	39.6
3rd year	37.8
4th year	36.1
5th year	34.4
6th year	32.7
7th year	31.0
8th year	29.2
9th year	27.5
10th year	25.8
11th year	24.1
12th year	22.4
13th year	20.6
14th year	18.9
15th year	17.2
16th year	15.5

17th year	13.8
18th year	12.0
19th year	10.3
20th year	8.6
21st year	6.9
22nd year	5.2
23rd year	3.4
24th year	1.7
25th year	0

CHANGE IN LAW

The Energy Buyer will also need to bear all taxes as may be applicable for the purchase of the Plant from the Energy Seller including but not limited to indirect and direct taxes, capital gains, and any and all other taxes that may be applicable upon the Energy Buyer and / or the Energy Seller.

In the event there is a Change in Law that is applicable to the operation of the Plant, the sale of electric energy produced by the Plant, or any other obligation of the Power Producer hereunder, and compliance with the Change in Law results in an increase in Energy Seller's costs to install, operate and/or maintain the Plant, Energy Seller will promptly submit to Energy Buyer a written notice setting forth the change in law and the future rates for electric energy in this Agreement to reflect such increases in costs.

EVENT OF DEFAULT

Energy Seller (Frittsolar)

1. Failure to operate the Plant for a period of 90 days which failure is not due to equipment failure, or damage to the Plant, act of governmental authority, or otherwise excused by Force Majeure Events.
2. Insolvency of the Power Producer.

Energy Buyer (KNC)

1. Bankruptcy, liquidation or dissolution of the Off taker pursuant to Applicable Law
2. Default in payment of undisputed invoices for a continuous period of two (3) months or non-continuous period of four (4) months within a period of twelve months

TERMINATION	In case the Energy Buyer fails to make payments under this Agreement for a continuous period of three (3) months, then the Energy Seller shall be at liberty to consider this Agreement as having been terminated on account of Energy Buyer's Event of Default. In the event of termination, the Energy Buyer will be required to mandatorily buy the asset at the buyback values stated in the aforementioned clause on Buyback Value.
VALIDITY	This Term Sheet shall be valid, subject to Seller's Board Approval for a period of 15 days or till the date of execution of the Definitive Agreements, whichever is earlier or as mutually agreed.
CONFIDENTIALITY	The terms of this Term Sheet shall not be made public by either Party without the consent of the other Party. The Energy Seller and the Energy Buyer will, in addition, agree to reasonable and customary confidentiality provisions addressing non-disclosure of the terms of the Transaction described in the Definitive Agreements.
EXCLUSIVITY	The Energy Buyer and Energy Seller shall not solicit, make inquiries or enter into any dealings with any other persons in substitution of the Transaction set out in this Term Sheet during the Validity period provided herein for the capacity equivalent to the Energy Buyer's Entitlement.
GOVERNING LAW AND JURISDICTION	This Agreement shall be governed by and construed in accordance with the laws of India and subject to the provisions of courts of New Delhi.

This Term Sheet is signed by the parties on the day mentioned above.

For the **Energy Buyer**
Name: Kamla Nehru College

For the **Energy Seller**
Name: Frittsolar



Net metering cell
Department, 2nd floor, C-Block
Nehru Place
Bus Terminal
New Delhi - 110019

I intend to install grid connected Renewable Energy System, in compliance of Delhi Electricity Regulatory Commission (Net Metering for Renewable Energy) Regulations, 2014.

1	Name of Registered Consumer	Kamala Nehru College			
2	Address of Registered Consumer	August Kranti Marg New Delhi - 110049			
3	CA No	100007974			
4	E-Mail ID of Consumer(In Capital letters)	kamala.nehru_da@hotmail.com			
5	E-Mail ID of Installer (In Capital letters)	kuljeet@FRITTSOLAR.COM			
6	Telephone No Consumer	011-26494881			
7	Telephone No Installer				
8	Category (Please tick)	Res:	Mob: 986744037		
9	BRPL Supply voltage level (Please tick)	Domestic	<input checked="" type="checkbox"/> Non domestic	Industrial	Any other <input checked="" type="checkbox"/>
10	Sanctioned load as per latest electricity bill	230V	415V	11KV & above	
11	Type of Renewable Energy System proposed (Solar, wind, etc.)	376.00 kVA Solar			
12	Capacity of Renewable Energy System proposed to be connected	70 kWp			
13	Supply voltage of Renewable Energy System proposed to be connected (Please tick)	230V (1-Phase)	<input checked="" type="checkbox"/> 415V (3-Phase)		
14	Location of Proposed Renewable Energy System (Please tick)	<input checked="" type="checkbox"/> Roof Top	Ground Mounted		

Enclosure: Documents as per "Checklist of application form" (annexure -I)

Place: New Delhi
Date: 19/11/2020

[Signature]
PRINCIPAL
KAMALA NEHRU COLLEGE
Signature of Registered Consumer with stamp
(University of Delhi)
August Kranti Marg
NEW DELHI - 110049

FOR OFFICE USE ONLY

Application Form Number:	
Date of application:	