



CHAUDHARY DEVI LAL UNIVERSITY

BARNALA ROAD, SIRSA - 125055 (HARYANA) INDIA

(Established by State Legislature Act 9 of 2003)

No. CDLU / 2388

Dated..... 14-12-21

Sub.: Information regarding NAAC Matrix 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

The required information is as follows:

1. Solar energy ✓
2. Biogas plant
3. Wheeling to the Grid ✓
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment ✓

Options:

- A. 4 or All of the above
- B. 3 of the above ✓**
- C. 2 of the above
- D. 1 of the above
- E. None of the above

[Signature] 14/12/21
EXECUTIVE ENGINEER

[Signature] 14/12/21
REGISTRAR

Tagore Bhawan

2/15



GPS Map
Camera Lite

G2WW+JJX, Chaudhary Devi Lal University, Mirpur, Haryana
125055, India

Latitude

29.54687757°

Longitude

75.04660777°

Local 12:12:24 PM

GMT 06:42:24 AM

Altitude 166.15 meters

Wednesday, 10-11-2021

CV Raman Bhawan

3/15



GPS Map

Camera Lite

First floor, CV Raman Block Chaudhary Devi Lal University,
Chaudhary Devi Lal University, Sirsa, Haryana 125055, India

Latitude

29.5474451°

Longitude

75.04532919°

Local 12:21:57 PM

GMT 06:51:57 AM

Altitude 166.85 meters

Wednesday, 10-11-2021

Admin Block 4/15



GPS Map
Camera Lite

G2WV+9VH, Chaudhary Devi Lal University, Sirsa,
Haryana 125055, India

Latitude
29.5459355°

Longitude
75.04466234°

Local 12:48:32 PM
GMT 07:18:32 AM

Altitude 167.05 meters
Wednesday, 10-11-2021

5/15



GPS Map
Camera Lite

CDLU Rd, Chaudhary Devi Lal University, Sirsa, Haryana 125055,
India

Latitude

29.54770793°

Longitude

75.04550852°

Local 12:23:33 PM

GMT 06:53:33 AM

Altitude 166.12 meters

Wednesday, 10-11-2021

6/15



GPS Map
Camera Lite

Tagore Bhawan, CDLU, Chaudhary Devi Lal University,
Sirsa, Haryana 125055, India

Latitude
29.5452758°

Longitude
75.04401932°

Local 12:53:11 PM
GMT 07:23:11 AM

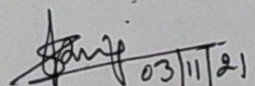
Altitude 149.92 meters
Wednesday, 10-11-2021

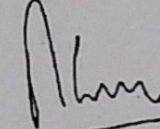
CONSTRUCTION BRANCH, CDLU, SIRSA

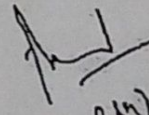
Sr. No.73, Metric 7.1.2 The institution has facilities for alternate sources of energy and energy conservation measures Sr. No. 1

Detail of Solar Water Heating System at CDLU, Sirsa.

Sr. No.	Name of Work	Alloument No.	Date of Start	Date of Completion	Cost in Laes	Remarks
1	Supply, Installation, Testing & Commissioning of Solar Water Heating System (SWHS) at Hostels, Faculty House and V.C. Residence in CDLU, Sirsa.	No.EE/17/321-14 Dated: 30.11.2017	30.11.2017	29.03.2018	74.45	Supply, Installation, Testing and commissioning of Solar water heating system with copper, absorber made of copper sheet 34 gauge/ copper tube (at least 10 nos.) 12.7 mm dia 25 mm thickness, 0.71 mm with flat plate collector Length 1860 mm, width 1240 mm and height 100 mm.
2	S/W/T/C of solar water heating system at Girls Hostel No. 3	EE/15/400-04, Dated 16.03.2015	24.03.2015	07.09.2016	17.23	S/W/T/C of solar water heating system with copper absorber make of copper sheet 34 gauge copper tube 12.7mm dia 0.56mm thick and 2 Nos. headers of copper tube dia 25mm thick length 1860mm width 1240mm and height 100mm collector box shall be of aluminium chanel complete in all respect.
The SWHS installed in various hostels have considerably reduced the consumption of electric energy. It has also solved the problem of purchasing electric water heater & repairing thereof from time to time.						


Executive Engineer
Construction Branch
CDLU, Sirsa-125055


SDEA


10P/M

Amendment-01 **8/15**

2nd & Final Bill

NAME OF WORK:- Supply, Installation, Testing & Commissioning of Grid Connected Rooftop Solar Power Plant over Roof of Teaching Block No. 1 & 2 at CDLU, Sirsa.

Name of Agency :- M/s. Fourth Partner Energy Pvt. Ltd, Hyderabad.

Sanction No.- EE/17/1490 - 95, Dated 27.06.2017

Date of Start:- 27.06.2017

Date of Comp.:- 16.10.2017

Date of Billing:- 28.03.2018

Bill prepared by J.E. (Elect.) Vide MB No. 440, Page No. 91 to 93

W 010 (91)

Sr.No	H.S.R./ N.S.	Description	Qty	Unit	Rate	Amount
1	NS	Supply, Installation, Testing of Grid Connected Rooftop Solar Power Plant of capacity with five years & 6 Month warranty of complete system and 25 years warranty of PV modules including five years CMC	300000	Watt	60.40	18120000.00
Paid vide MB No. 440 Page 88						
Date: 29/10/18						
Total Work Done						18120000.00
Less Already paid 1st running Bill Vide MB No. 440 Page 88						-10800000.00
This Bill Work Done						7320000.00
D/d 5% Security on Rs.						18120000.00 - 906000.00
D/d 2% Income Tax on Rs.						7320000.00 - 146400.00
D/d 1% Labour Cess on Rs.						7320000.00 - 73200.00
D/d 0.5% Water Charge on Rs.						7320000.00 - 36600.00
Net Pay						6157800.00

88 6638

29/10/18

7063800/-

Less Already paid 1st running Bill Vide MB No. 440 Page 88

[Handwritten signature]

as per order of E.S. at MB No. 440 Page no. 92.

MB No. 440 Page 88

Pre-audited & Passed for Rs. 70,63,800/- only

Seventy thousand six hundred and thirty eight only

Auditor 17/11/18

R.S.A.

[Handwritten signature] 17/11/18

Certified that the work has been carryout as per specification.

All recovery has been from running bill.

The Material has been supplied as per rate contract.

Passed for Rs. 7063800/- only

- R-198
- L-196
- L-183
- R-58/09

Received *[Handwritten signature]*

Executive Engineer
Ch. Devi Lal University
SIRSA (Haryana)

29/8/18

28/8/18

Supt. Engineer
Chaudhary Devi Lal University
SIRSA (Haryana)

Executive Engineer
Construction Branch
CDLU, Sirsa-125055

03/11/18

9/15

2nd & Final Bill

WORK:- Supply, Installation, Testing & Commissioning of 300 KWp Grid Tied Solar Power Plant on Roof of Administrative Block, Seminar Hall & Teaching Block No. 3 at CDLU, Sirsa.

Name of Agency :- M/s. Ultimate Sun Systems Pvt. Ltd., Gurgaon.

Sanction No. - EE/19/507, Dated 12.12.2019

Date of Start:- 12.12.2019

Date of Comp.:- 30.06.2020

Date of Billing:- 04.12.2020

Agreement Amount = Rs.1,20,75,000/-

Head of Charge :- "Solar Power Plant"

Bill prepared by J.E. (Elect.) Vide MB No. 440, Page No. 110 to 113

Sr. No.	NS	Description	Qty	Unit	Rate (FR)	Amount
1	NS	Supply, Installation, Testing & Commissioning of 300 KWp Grid Tied Solar Power Plant (without battery bank) with string inverters (the combined wattage of all inverters should not be less than rated capacity of power plant under STC in KW) inclusive of all taxes etc if any i/c comprehensive warranty for complete system & plant which shall be Five Years.	300000	Watt	40.25	12075000.00
Total Work Done						12075000.00
Less Already Paid 1st R. Bill Vide MB 440 Page 109						9660000.00
This Bill Work Done						2415000.00
D/d 2% Income Tax on Rs.					2415000.00	48300.00
D/d 0.01% Labour Cess on Rs.					2415000.00	-242.00
D/d 0.99% Labour Cess on Rs.					2415000.00	-23908.00
D/d 1% CGST on Rs.					2415000.00	-24150.00
D/d 1% SGST on Rs.					2415000.00	-24150.00
D/d 0.5% Water Charge on Rs.					2415000.00	-12075.00
Net Pay						2282175.00

Paid Vide Ch. No. 2282175

Dated 18/02/2021

Ch. No. 2282175

MB, WR 117, LL, CH, G/S, P/R & Inve Register, R/LM II

Approved for Rs. 2282175/- only

Executive Engineer 31/02/2020

Ch. Devi Lal University Sirsa (Haryana)

Certified that the work has been completed successfully & working satisfactory. All recovery has been from the bill of agency. The material has been supplied as per term & condition of rate contract. Noting is due against agency.

Revised, P/S. 12/02/21

S.D.E. Elect. 10/02/2021

WR-84, H/LC-52, CK-43, GST-65/152

Presaudited & Passed for Rs. 2282175/- (Rs. Twenty-two Lacs Eighty-two thousand seven hundred seventy five only)

Auditor

R.S.A.

Executive Engineer Construction Branch CDLU, Sirsa-125055

BCR-204/02

Annexure-01

Sd/-

[Handwritten signature]

AUTHORIZATION FOR NET METERING CONNECTION

For Office Use Only

Accepted and Sanctioned on behalf of the Uttar/Dakshin Haryana Bijli Vitram Nigam
to. The installation of rooftop solar photovoltaic system of 400 Kwip
11KV voltage at the consumer premises under net metering
connection

Dated 3-11-16

SDO OP

[Signature]
03/11/21
Executive Engineer
Construction Branch
CDLU, Sirsa-125055

11/15

Sdno 1060
8.10.2020

Annexure-9

OFFICE
R No. (5-4)
Date 11/11/20

const branch <constbrcdlu@gmail.com>

Load for application number: T12-320-3020-2

Fri, Dec 4, 2020 at 4:12

<info@uhbvn.org.in>
brcdlu@gmail.com

Load for application number: T12-320-3020-2 is processed by

officer.

accept.

is APPROVED.

Forwarded to SOE (E) for information & file.

[Signature]
11/11/2020
EE

SOE (E)

Per user Li

~~inspector~~

[Signature]
11/11/2020

[Signature] 11/11/20

Executive Engineer
Construction Branch
CDLU, Sirsa-125055

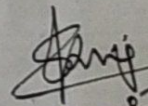
of MK+LINE 01

Ultimate Sun Systems Pvt Ltd

Chaudhary Devi Lal University

Plant Capacity (DC):	300	kWp
Plant Capacity (AC):	300	kW
Total Energy Generated:	187789.5	kWh
Specific Yield Energy:	1.71	kWh/kWp
Performance Ratio:	0	%
CUF:	7.15	%

Month	Total Yield (kWh)	Specific Yield (kWh/kWp)	Performance Ratio (%)	CUF (%)
Jul-20	21641.13	3,577.47	3,681.98	3,602.60	3,636.97	3,688.95	1,417.03	2,036.48	3,810.30
Aug-20	39344.94	6,455.08	6,670.43	6,520.12	6,589.35	6,664.29	2,635.28	3,301.31	3,434.06
Sep-20	39333.52	6,486.05	6,635.91	6,522.59	6,564.34	6,701.28	2,623.98	2,366.40	2,775.22
Oct-20	35016.55	5,691.15	5,955.99	5,698.68	5,727.17	6,121.52	2,399.37	1,584.24	1,861.19
Nov-20	25126.41	4,329.43	4,400.26	4,195.47	4,206.00	4,583.90	4,857.04		
Dec-20	27326.99	4,457.70	4,851.57	4,239.15	4,458.35				


 03/11/21
 Executive Engineer
 Construction Branch
 CDLU, Sirsa-125055

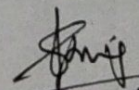
Yearly Report

Plant Name: Ultimate Sun Systems Pvt Ltd

Plant Name: Chaudhary Devi Lal University

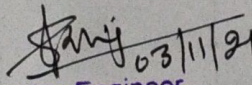
Plant Capacity (DC):	300	kWp
Plant Capacity (AC):	300	kW
Total Energy Generated:	352395.6	kWh
Specific Yield Energy:	3.93	kWh/kWp
Performance Ratio:	0	%
CUF:	13.41	%

Month	Energy (kWh)	Capacity (kWp)	Yield (kWh/kWp)	Capacity (kW)	Yield (kWh/kW)	Capacity (kWp)	Yield (kWh/kWp)	Capacity (kW)	Yield (kWh/kW)
Jan-21	21353.67	3,503.54	3,769.74	3,499.35	3,577.60	3,768.52	1,713.82	2,627.96	
Feb-21	27891.08	4,395.82	4,633.07	4,486.29	4,436.61	4,642.23	2,137.84	3,159.22	
Mar-21	39162.5	6,427.73	6,709.57	6,184.12	6,480.24	6,819.54	2,641.86	3,899.44	
Apr-21	37228	5,836.12	7,257.13	4,276.04	7,032.48	7,224.40	2,800.29	4,079.78	
May-21	42628.58	7,058.18	7,263.52	7,077.76	7,166.13	7,151.50	2,841.77	4,069.81	
Jun-21	41255.99	6,850.04	7,009.12	6,850.09	6,923.06	6,917.30	2,778.05	3,928.34	
Jul-21	36307.43	6,070.79	6,239.40	6,100.42	6,156.10	6,149.37	2,403.23	3,191.49	
Aug-21	41173.89	6,894.85	7,074.50	6,912.99	7,004.45	6,437.57	2,805.40	4,043.99	
Sep-21	33636.55	5,627.50	5,835.10	5,668.50	5,763.10	5,078.20	2,310.85	3,353.58	
Oct-21	31757.95	5,372.50	5,575.30	5,411.00	5,474.40	4,925.80	2,211.85	2,787.10	


 Executive Engineer
 Construction Branch
 CDLU, Sirsa-125055
 03/11/21

Electricity generated by 300 Kw. Solar power plant installed at Tagore Bhawan, CV Raman, Shopping centre, & Const. branch, CDLU, Sirsa

SR NO.	Month	Plant #1 (KWH)
1	Dec. 2017	1328
2	Jan. 2018	6160
3	Feb. 2018	8890
4	Mar-18	24060
5	Apr-18	32800
6	May-18	42170
7	Jun-18	34690
8	Jul-18	29740
9	Aug-18	35740
10	Sep-18	36150
11	Oct-18	34410
12	Nov. 2018	26310
13	Dec. 2018	27000
14	Jan. 2019	24990
15	Feb-19	27490
16	Mar-19	39610
17	Apr-19	41820
18	May-19	43940
19	Jun-19	44000
20	Jul-19	34570
21	Aug-19	39960
22	Sep-19	37790
23	Oct-19	33720
24	Nov-19	24420
25	Dec-19	18200
26	Jan-20	23460
27	Feb-20	34650
28	Mar-20	34730
29	Apr-20	33300
30	May-20	33900
31	Jun-20	32730
32	Jul-20	38970
33	Aug-20	35480
34	Sep-20	37020
35	Oct-20	35150
36	Nov-20	24780
37	Dec-20	24860
38	Jan-21	22440
39	Feb-21	31080
40	Mar-21	39550
41	Apr-21	33400
42	May-21	37620
43	Jun-21	33900
44	Jul-21	28630
45	Aug-21	29300
46	Sep-21	11330
Total Solar units generated from 300 kw. Solar power plant #1		1406260


 Executive Engineer
 Construction Branch
 CDLU, Sirsa-125055

15/15-02

SE 2 old

TAX INVOICE

(U/s. 31 read with rule)

Stock Register

M/s. Royal Traders

Chhoti Ram Chowk, Near Animal Hospital,
Old Bus Stand, Gohana

Near Sector-7, Meham Road, Gohana (Sonapat) Haryana

raj_traders1915@rediffmail.com

M: 9813551915

IN 06BDLPK6716N1Z1

Tax Invoice No.

231

Recipient Details

Chaudhary Devilal University Sirsa
(The Registrar)

Tax Invoice Date

24-02-2021

Address

Sirsa

Address of Delivery

CDLU

Sirsa

State

Haryana

State Code

06

GSTIN

06AAAJC 0784 B1ZS

Tax is payable on Reverse Charge

Yes or No

SRR Sr. No.	Description of Goods or/and Services	HSN/ACS Code	Qty/Unit	Rate	Total Value
183	1. Supplying of T8 LED Tube Reel 18w (12x)	9405	2574 PU	212.50	5,46,975-
186	2. Supplying of Batten Housing of T8 LED Tube Reel 18w (18x)	9405	2574 PU	83.05	2,13,771-
201	3. Supplying of PLU LED Lamp 18watt (12x)	9405	142 PU	364.29	15,300.18-
203	4. Supplying of LED Tube 8watt (12x)	9405	597 PU	375-	2,23,875-
206	5. Supplying of LED Round Downlight 15watt (12x)	9405	246 PU	622.32	1,53,091-
570	6. Supplying of LED Round Down Light 24watt (12x)	9405	191 PU	1132.14	2,16,239-
577	7. Supplying of LED Flood Light (12x) Passed for amount 234,988/-	9405	36 PU	19,732.15	7,10,357.40-

Total Taxable Value for Goods & Services

20,79,608.58

Executive Engineer

CGST 6% = 11,950.25

● GST @ 12. %

2,23,900.50

12x CGST 6% = 11,950.25

CGST 9% = 19,239.39

● GST @ 18. %

1,38,478.78

18x CGST 9% = 19,239.39

IGST @ %

Total

23,41,988-

Total Amount in Word

Twenty Three Thousand Fourty One Thousand Nine Hundred Eighty Eight Lakh

Terms & Conditions:
E & O E

All Subjects to Gohana Jurisdiction.
Goods once sold can't be taken back.

Bank Details for RTGS/NEFT
HDFC Bank Gohana
Account No. 5020002088272
IFSC Code : HDFC0001732

For Royal Traders

Authorized Signature

Executive Engineer
Construction Branch
CDLU, Sirsa-125055

Executive Engineer
Construction Branch
CDLU, Sirsa-125055

03/11/21

03/11/21