

Criteria 7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures

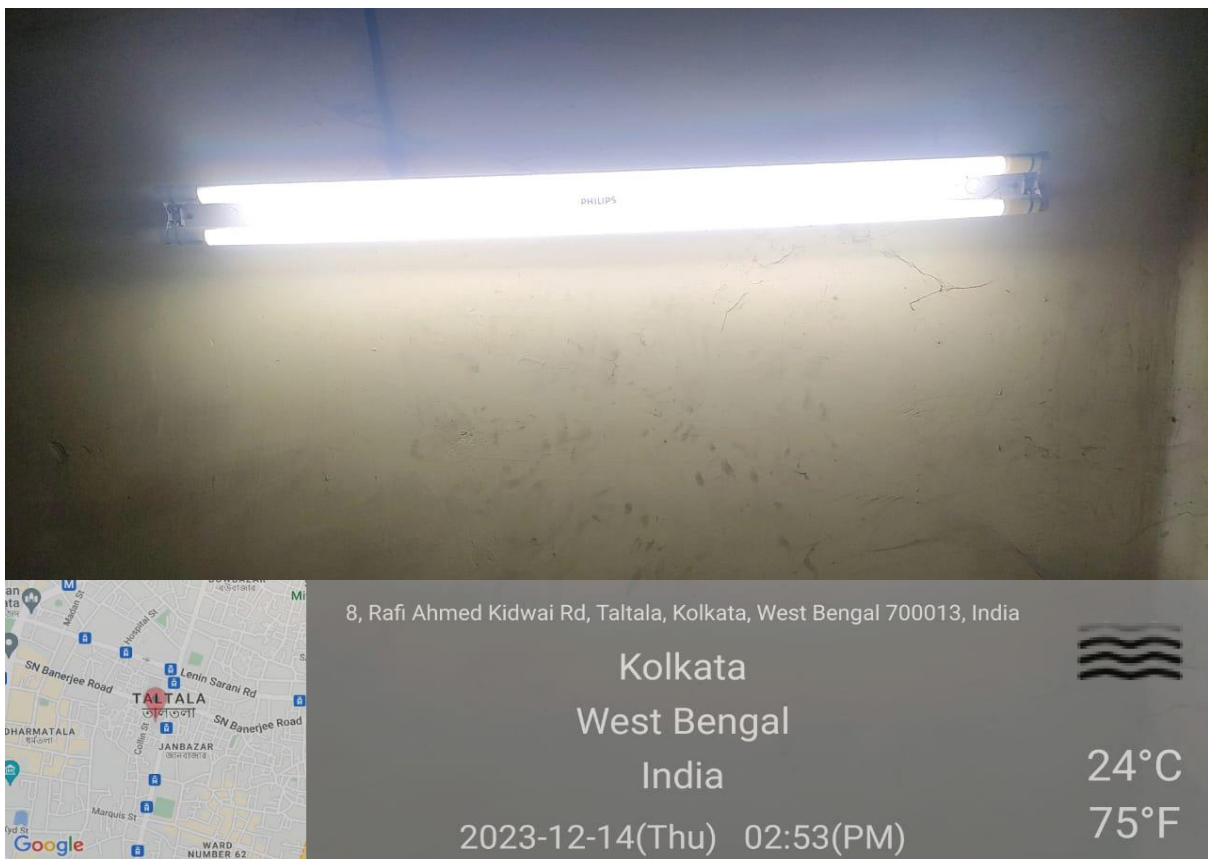
❖ Solar Energy

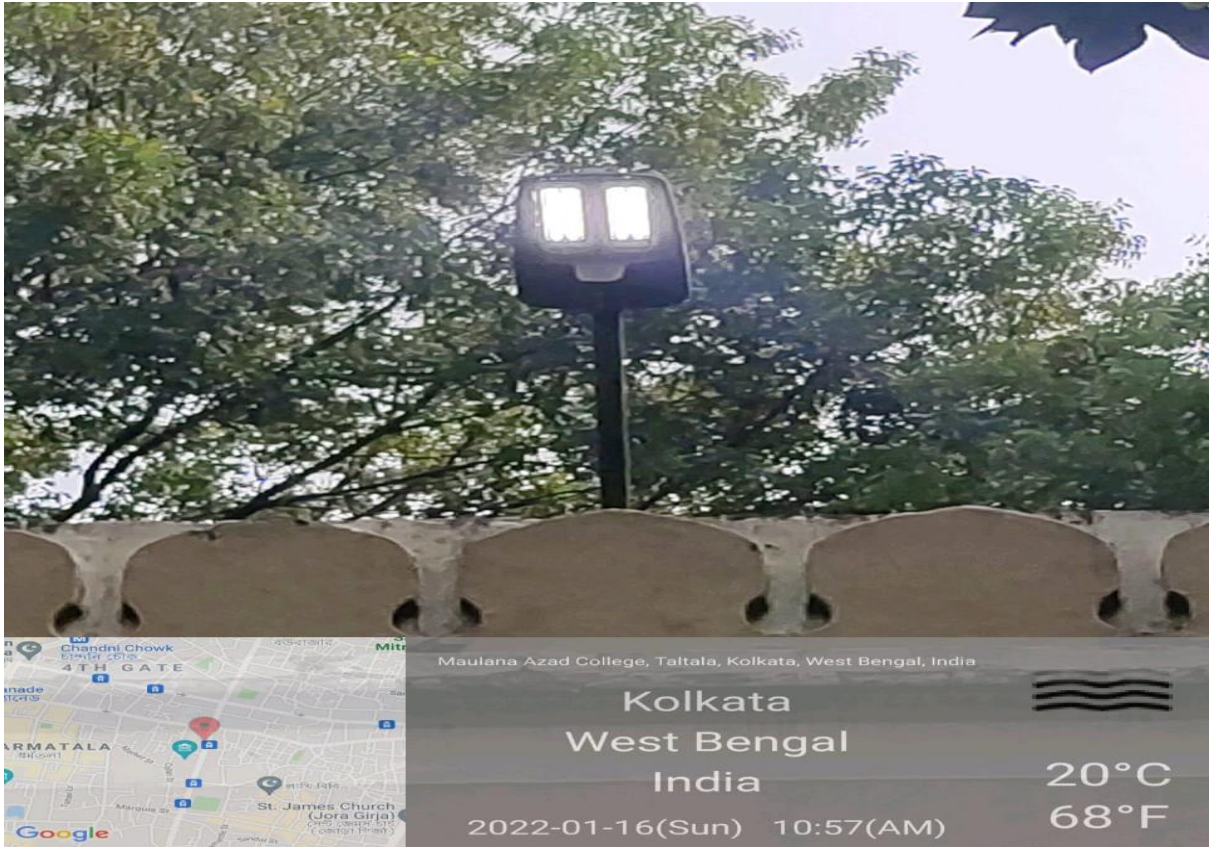


❖ Wheeling to the Grid



❖ Use of LED bulbs





❖ Power efficient equipment



20 KWP ROOFTOP SOLAR PV POWER PLANT INSTALLATION

ON THE ROOF-TOP
OF
MAULANA AZAD COLLEGE
8, RAFI AHMED KIDWAI ROAD
KOLKATA-700013



FEBRUARY, 2020

WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY

(WBREDA), KOLKATA: An Autonomous Organisation under Department of Power & NES, Govt. of West Bengal sanctioned **20 kWp Roof top Solar PV Power Plant** to **Maulana Azad College, Kolkata** vide Letter no. WBREDA/93(2018)/1268 dated 5th March, 2019.

Installation work including FIVE years comprehensive Maintenance on turnkey basis has been carried out by M/s LARSEN & TOUBRO Ltd., Mumbai since February, 2020. Installation work is almost at fag end.

WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY
(An Organisation of Deptt. of Power & NES, Govt. of West Bengal)
Bikalpa Shakti Bhawan, Plot no.: J1/10, EP & GP Block, Sector-V,
Electronics Complex Salt Lake, Kolkata - 700091
Phone: 033-23575038 / 23575348 / 23576568, Telefax: 033-23575037/6569

Memo No: WBREDA/93(2018)/ 1268

Dated: 05-03-2019

To,

M/s. Larsen and Toubro Ltd.
L & T House, Narottam Morarjee Marg,
Ballard Estate,
Mumbai - 400001

Sub: Letter of Award of Contract for "Design & Engineering, Manufacture/ Procurement, Testing, Supply, Installation and Commissioning of 450 nos. Grid Connected Rooftop Solar PV Power Plants each of array capacity 10 kWp and 50 nos. Grid Connected Rooftop Solar PV Power Plants each of array capacity 20 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at various location of West Bengal"

Dear Sir,

1. This has reference to the following :
 - a. Our NIE T No: WBREDA /NIE T-09 /18-19, Dated: 13-12-18
 - b. E-Tender ID. 2018_WBRED_202180_1
 - c. Bidding Documents for the subject comprising the following :

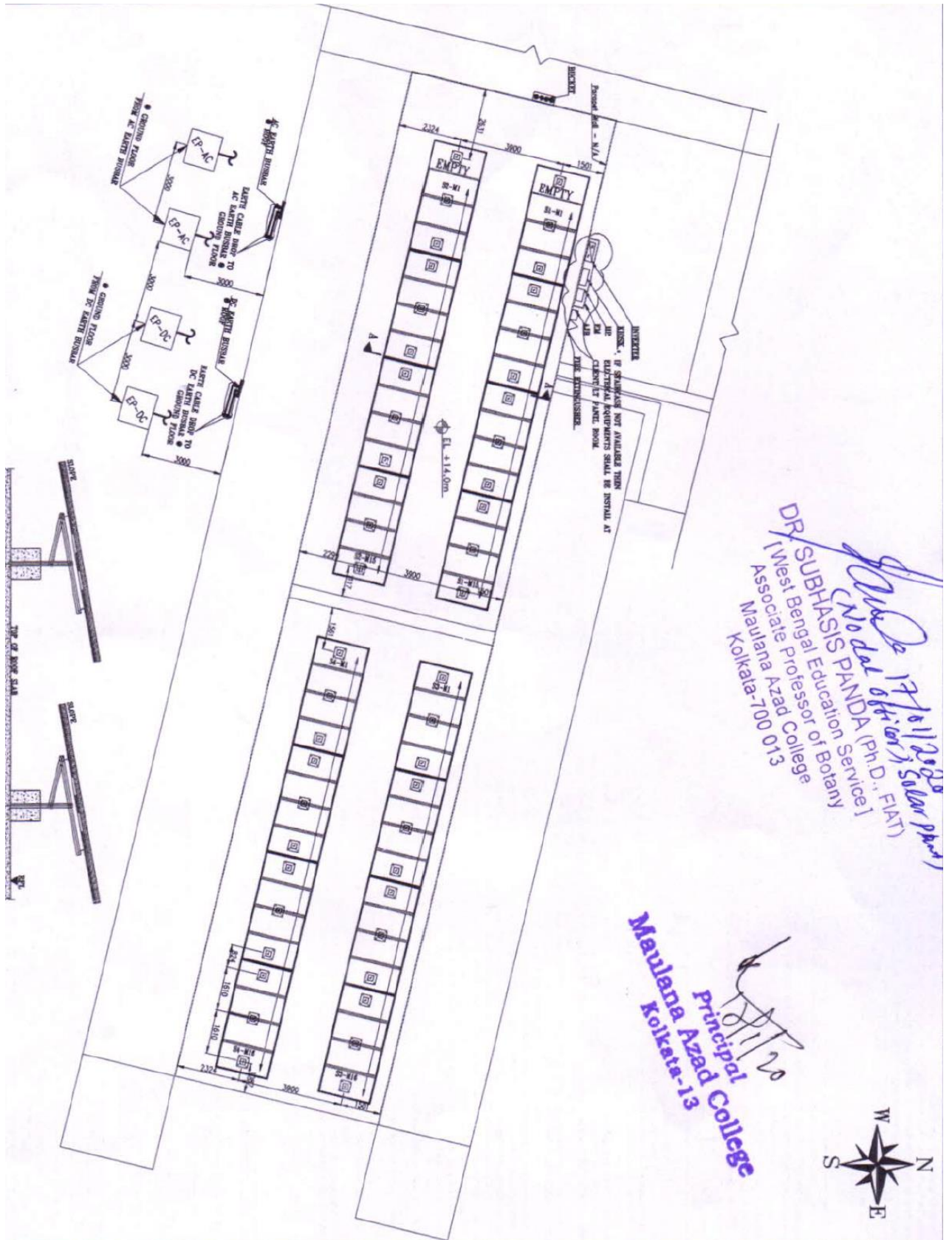
SI No	Section	Section Heading
01.	Section -I	Notice Inviting Tender
02.	Section-II	Instruction to Bidders
03.	Section -III	General Condition of Contract
04.	Section -IV	Special Condition of Contract
05.	Section- V	Technical Specification
06.	Section -VI	Forms
07.	Section -VII	Annexure
08.	Section -VIII	Indicative Drawings

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-
- d. Pre Bid Corrigendum reference : WBREDA/93/2018/1027 dated 07.01.2019
- e. Your Proposal for the subject work submitted vide Bid Id No: 1196600

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-
2. West Bengal Renewable Energy Development Agency (WBREDA) is pleased to place this Letter of Award (LOA) on you accepting your proposal submitted vide your bid id no: 1196600 read in conjunction with all the specifications, terms & conditions of the Bidding Documents and award on you the Contract for the scope of work covering "Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of 450 nos. Grid Connected Rooftop Solar PV Power Plants each of array capacity 10 kWp and 50 nos. Grid Connected Rooftop Solar PV Power Plants each of array capacity 20 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at various location of West Bengal", hereinafter referred to as the 'Contract'.



CLEAR IMAGE OF THE ABOVE SKETCH



Dr. Subhasis Panda
 DR. SUBHASIS PANDA (Ph.D., FIAT)
 [West Bengal Education Service]
 Associate Professor of Botany
 Maulana Azad College
 Kolkata-700 013

[Signature]
 Principal
 Maulana Azad College
 Kolkata-13



TH	CH	PAK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
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Delivery Challan

GSTIN: 19AAACL0140P2ZF

PAN: AAACL0140P

Challan No: KOL-039.01

Challan Date: 22/12/2019

Bill To:
West Bengal Renewable Energy Development Agency
Bikalpa Shakti Bhawan , Plot No J1/10, EP & GP Block Sector V, Electronics Complex, Salt Lake Kolkata- 700091

Name of the Consignee: Principal/Headmaster

Maulana Azad College
8, Rafi Ahmed Kidwai Rd, Taltala, Kolkata, West Bengal 700013

GSTIN:

Place of Supply :West Bengal(State Code:19)

LOA No: **LOA/WBREDA/93(2018)/1268 dated 05th Mar 2019**

SI.No.	Item Description	Make	UOM	Quantity
	PV Power Plant of Capacity 20kWp including following item			
1	Inverter	Powerone	Nos	1
2	Solar Module - 325Wp(M/s Adani make)	Adani	Nos	62
3	Module Mounting Structure	--	Set	16
4	Array Junction Box	JMV	Nos	1
5	Inverter Interfacing Panel	L&T	Nos	1
6	Grid Interfacing Panel	L&T/LS Power	Nos	1
7	Datalogger with accessories	Megamic	Set	0
8	Earthing Material	--	Lot	0
9	AC Cable - 6 sqmm CU Cable	KEI	Mtr	0
10	Other BOS Items like Kiosk, Energy Meter, DC Cable, uPVC Conduit, Project & safety Sinage, schematic drawing, Fire Extinguisheretc along with accessories	--	Lot	0

Note:

- Above materials is estimated for one PV Power Plant of Capacity 20kWp. However additional material can be bring or removed (if required) to ensure the completion of the plant.
- We have delivered folowing goods, kindly return the duplicate copy dully signed acknowledging the receipt of goods

Part shipment against above mentioned LOA awarded by WBREDA (West Bengal Renewable Energy Development Agency)

For-
Larsen & Toubro Limited
A/C West Bengal Renewable Energy Development Agency
C/o Estate Kasturi Devi Mahawar,
Saktigarh Cold Storage (Near Saktigarh Railway Station), Distt: Burdwan, Pin: 713149, WB

For Consignee:
S.Panda 23/12/2019
(DR. S. PANDA)
Maulana Azad College
8, Rafi Ahmed Kidwai Rd, Taltala, Kolkata, West Bengal 700013

Associate Professor of Botany (W.B.E.S.)
Department of Botany
Maulana Azad College
Kolkata-700013

Signature & Stamp with Date:

Signature & Stamp with Date:

LETTER TO CESC LTD for NET Metering Installation



Maulana Azad College

NAAC accredited "A" grade College & DBT Star College with Star Status

8, Rafi Ahmed Kidwai Road, Kolkata-700013, West Bengal, India

Phone : +91 33 2249 3737 / +91 33 2973 0203

Web : www.maulanaazadcollegekolkata.ac.in ♦ e-mail : maulanaazadcollegekolkata@gmail.com



Memo No. 898/CESC

Date: 17/01/2020

To
The Manager
Calcutta Electric Supply Corporation Ltd
Calcutta Central, Eastern Building
Chowringhee Square,
Kolkata-700069.

Sub. Request to install NET Metering at Meter No. 4150090 01(Consumer ID:01000016728) of Maulana Azad College, Kolkata for setting up of Roof-top Solar PV Power Plant of PV Array capacity 20 KwP at Maulana Azad College, Kolkata By NRES, Govt of West Bengal.

Sir,

This is to inform you that Department of Non-Conventional & Renewable Energy Sources, Govt. of West Bengal has approved Roof-top Solar PV Power Plant of PV Array Capacity 20 KWP at Maulana Azad College, Kolkata (vide letter No. WBREDA/93 (2018), dated 11/12/2019). Being a State Nodal Agency, West Bengal Renewable Energy Development Agency (WBREDA) will set up Roof top Solar PV Power Plant at Maulana Azad College. In this connection, WBREDA needs urgently a NET Metering installation at the above mentioned Meter for the purpose of Energy consumption reading etc. Therefore, I kindly request you to do the needful at your earliest so WBREDA may install Roof-top Solar Panel successfully. Your kind consideration will highly be appreciated.

With Regards,

Thanking You

Yours faithfully,


Dr. Subhansu Dutta

Principal
Maulana Azad College
Kolkata

PRINCIPAL'S VISIT DURING INSTALLATION OF 20 KWP ROOF-TOP SOLAR PV POWER PLANT ON THE ROOF TOP OF MAULANA AZAD COLLEGE. KOLKATA



18/1, Janbazar, Taltala, Kolkata, West Bengal 700013, India

Kolkata
West Bengal
India

2020-02-18(Tue) 12:36(PM)



27°C

81°F



149, Collin St, Janbazar, Taltala, Kolkata, West Bengal 700013, India

Kolkata
West Bengal
India

2020-02-16(Sun) 10:01(AM)



22°C

72°F

ROOF-TOP SOLAR PV POWER PLANT IN PROGRESS IN FEB, 2020



8, Rafi Ahmed Kidwai Rd, Janbazar, Taltala, Kolkata, West Bengal 700013, India

Kolkata
West Bengal
India
27°C
81°F
2020-02-18(Tue) 05:27(PM)



8, Rafi Ahmed Kidwai Rd, Janbazar, Taltala, Kolkata, West Bengal 700013, India

Kolkata
West Bengal
India
29°C
84°F
2020-02-22(Sat) 04:50(PM)