

**DELIVERY CHALLAN**

**SUNSHINE Power Products Pvt. Ltd.**  
 ( Mfr.of Renewable Energy Systems & Spare/Parts)  
 130/9,Bakrahat Road,Hanspukur Greenpark, P.O - Joka, Kolkata-700104,West Bengal  
 Phone. No. - 2498 0681/0476,Fax: (033) 2498 0508, E-mail: info@sunshinesolar.co.in  
 CIN : U74999WB2004PTC098975

GSTIN:19AAICS2398Q1ZB  
 State Code: 19  
 Serial No of Delivery Challan : SPP2021DC/A/023  
 Date of Delivery Challan : 13.10.2020  
**Details of Receiver (Billed to)**  
 West Bengal Pollution Control Board  
 Paribesh Bhavan, 10A, LA Block, Sector-III  
 Salt Lake City, Kolkata-700106  
 State/UT: West Bengal  
 Sate/UT Code: 19  
 GSTIN: UR  
 Reference: LOA No: 2552-6K/WSP/274/2018,  
 Dated: 18.09.2018

Reference: GST Invoice No: SPP1920INV/A/017  
 Date: 15.05.2019

**Details of Consignee (Shipped to)**  
 Jhargram Raj College  
 Vill. - Raghunathpur, P.O. - Jhargram, Dist - Jhargram,  
 Pin - 721507

Mode of Despatch : By Road

Delivery Terms: At Customer Site

Sl. No.	Description of Goods / Services	HSN / SAC Code	Quantity	Unit
1	Supply of rooftop grid connected solar PV Power plant of array capacity 05kWp  i)Kiosk for Inverter & Other accessories - 1 Nos. ii) Signage - 1Set iii) Grid Export Control Panel - 1 Set   ** This delivery challan is the part supply against invoice no.SPP1920INV/A/017, Dtd.15.05.2019 for supply of 05kWp solar PV power plant system. Approx Value of the delivery challan is Rs.7210.00(Rupees Seven Thousand: Two Hundred Ten Only) plus 2.5% CGST & 2.5% SGST	85	1	Set

IT PAN NO.: AAICS2398Q  
 SERVICE TAX REGD. NO.: AAICS2398QST001  
 WB VAT NO.: 19635491072  
 CST REGD. NO.: 19635491266  
 IEC Code: 0206029004

Vehicle No. WB 19G 8203

SUNSHINE Power Products Pvt. Ltd.



( Authorised Signatory)

Received the above materials as per order specification and in good Condition.

*[Signature]*  
19.10.2020



Receiver's Signature with date & Seal

9



Office of the Principal  
Jhargram Raj College  
Government of West Bengal  
Jhargram 721507, West Bengal

Ph: 03221-255022

[jhargramrajcollege@gmail.com](mailto:jhargramrajcollege@gmail.com)

Memo No.: 160/SPP

Date: 25-02-2020

**From:**  
Principal/Officer-in-Charge, Jhargram Raj College

To  
The Regional Manager  
West Bengal State Electricity Distribution Company Limited (WBSEDCL)  
(A Govt. of West Bengal Enterprise)  
Office of the Regional Manager  
Paschim Medinipur region  
Administrative Building, (2<sup>nd</sup> Floor), Power house Campus, Burdgetown, Midnapur

**Sub: Installation of Net-meter in Jhargram Raj College on URGENT basis, in view of the NAAC evaluation of the College**

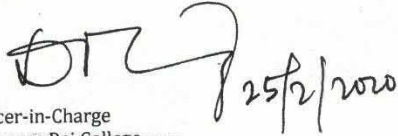
Sir,

This is to inform you that the Jhargram Raj College is going to get assessed and accredited by National assessment and Accreditation Council (NAAC), India and the Self Study Report (SSR) of the College will be uploaded to the NAAC portal in the first week of March, 2020. The solar PV plant of capacity 05KHp which has already been installed on the college rooftop can give us a remarkable mileage by scoring points, as it may help substantiate our endeavour to use nonconventional energy source in our institution. This is only possible when your organization install net-meter in our college, so that the Pollution Control Board be able to handover the solar power facility to us and also the power generation can be quantified. This will make it possible for us to mention it in SSR with proper documentation.

In view of the above, I would request your good office to consider the matter as urgent to install the net-meter in Jhargram Raj College on extremely urgent basis.

With best regards and thanking you,

Yours faithfully,

  
Officer-in-Charge  
Jhargram Raj College

SP

To  
H.A. for n/a  
28/6/18

**West Bengal Renewable Energy Development Agency (WBREDA)**

Department of Power & NES, Govt. of West Bengal

Bikalpa Shakti Bhawan, J-1/10, EP & GP Block, Sector-V, Salt Lake Electronics Complex, Kolkata-700091

Memo no: WBREDA/SPV Power Plant/109/2017/334

Date: 15<sup>06</sup>/05/18

To  
The Officer In Charge,  
Jhargram Raj College,  
P.O: Jhargram,  
Dist: Jhargram  
Pin-721507

**Sub: Setting up a Solar PV Power Plant**

Sir,

With reference to your letter, vide no: 304/E-6 dt : 05.06.18, please be informed that WBREDA installs Rooftop Solar PV Power Plant in Net-metering mode, where there is no storage arrangement. For such installation, three phase power supply from the Distribution Service Provider (WBSEDCL) is required at your premises with appropriate voltage level. For a Rooftop Solar PV Power Plant in Net-metering mode, minimum capacity of Solar Photovoltaic (SPV) installation requirement is 5 KWp. For installation of each KWp of Solar PV Power Plant, effectively 10-12 sqmeter shadow free (roof) space is required.

As per the benchmark cost of the Ministry of New & Renewable Energy[MNRE], Govt. of India, the tentative cost of such system is found to be in the tune of Rs.70,000/- per kWp up-to 10 kWp range , 65,000/- per kWp in the 11 to 100 kWp range and so on. WBREDA may implement such work on deposit work basis.

For further course of action, if any, please ask your representative to contact to WBREDA office [033-2357-5038/5348/6568/9434075616] for further discussion, if any, in this regard.

Yours Faithfully

(P.K.Basu)

Chief Engineer, WBREDA

Copy to:

1.The Additional Director and Chief Executive Officer, WBREDA, Kolkata-700091

Chief Engineer, WBREDA



Ph.No.03221-255022/258700

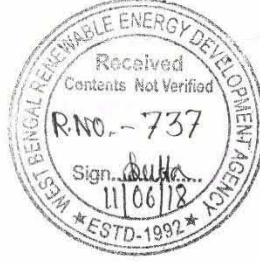
GOVERNMENT OF WEST BENGAL  
**Office of the Principal, Jhargram Raj College**  
JHARGRAM:: 721507

Memo. No. 304/E-6

Date: 05.06.18

From: The Principal/Officer-in-Charge,  
Jhargram Raj College.

To: Chief Engineer,  
WBREDA,  
Bikalpa Shakti Bhavan, EP & GP Block,  
Salt Lake, Sector-V,  
Kolkata-700 091.



*Sub : Request for installation of Solar Panel at the premises of Jhargram Raj College.*

Sir,

With the view of control of huge amount of electricity consumption and as per decision of IQAC, we have decided to install a Solar Panel at the College premises.

As the College is situated at remote Jungle Mahal area of the State and students generally belong to tribal class, the said project is too much necessary for Higher Education of those students.

Presently, this college has no alternative energy project. So both teachers and students have been facing tremendous difficulties in the class room.

To sort out this problem I would request you to kindly visit this college and submit a plan estimate in details for installation of Solar Panel at the College Premises.

We solicit your cooperation and help at your earliest convenience.

With regards,

Yours sincerely,

Officer-in-Charge,  
Jhargram Raj College.  
Officer - in - Charge  
Jhargram Raj College

**Format of application for Net – Metering Arrangement**

To

The Divisional Engineer/ Division in-Charge, Paschim Midnapur  
West Bengal State Electricity Distribution Company Limited (WBSEDCL)

**NAME & ADDRESS OF THE ELCTRIC SUPPLY OFFICE**

Superintending Engineer/ Divisional Engineer , Paschim Midnapur Regional Office , Administrative Building , (2<sup>nd</sup> Floor) , Power House Campus, Midnapur.

**Sub:** Arrangement of Net- metering provision for 05 KW rooftop power plant installed at **JHARGRAM RAJ COLLEGE , JHARGRAM.**

Site Name: **NAME OF THE ORGANIZATION: JHARGRAM RAJ COLLEGE, JHARGRAM.**

Address: **DETAILED ADDRESS OF THE ORGANIZATION (as per the ELCTRICITY BILL)**  
Officer-In-Charge , Jhargram Raj College, P.O. – Jhargram, Dist.- Jhargram, PIN.- 721507  
Consumer Number: 942111000

Sir,

This is to inform you, that a 05 kWp capacity Rooftop Grid Connected SPV Power Plant has been installed at our office premises **JHARGRAM RAJ COLLEGE , JHARGRAM.**

In this regards, we would like to request you to install a net meter against the consumer number as mentioned above, so that the Solar Power Plant can be connected to the grid. In this context, it is appropriate to mention that the West Bengal Electricity Regularity Commission (WBERC) vide notification no. 50 dt 22.03.2013 has allowed net – metering provision for the roof top PV installation of capacity ranging from 5 KW to 100 KW.


Accordingly, we would again like to request you to kindly take appropriate necessary action so that our organisation gets the benefit of net- metering.

Recent electricity bill is enclosed for ready reference.

Yours faithfully,

  
(DR. DEBNARAYAN ROY)

Officer-In-Charge  
Jhargram Raj College  
Officer - in - Charge  
Jhargram Raj College

  
Office of the Divisional Manager  
Midnapore Division, W.B.S.E.D.C.L.

**RECEIVED**

Contents Not Verified

Sl. No.....

Date.....15/11/14.....

Signature.....

**Format of application for Net – Metering Arrangement**

To  
The Divisional Engineer/ Division in-Charge, Paschim Midnapur  
West Bengal State Electricity Distribution Company Limited (WBSEDCL)

**NAME & ADDRESS OF THE ELCTRIC SUPPLY OFFICE**

Superintending Engineer/ Divisional Engineer , Paschim Midnapur Regional Office , Administrative Building , (2<sup>nd</sup> Floor) , Power House Campus, Midnapur.

**Sub:** Arrangement of Net- metering provision for 05 KW rooftop power plant installed at **JHARGRAM RAJ COLLEGE , JHARGRAM.**

Site Name: **NAME OF THE ORGANIZATION: JHARGRAM RAJ COLLEGE, JHARGRAM.**

Address: **DETAILED ADDRESS OF THE ORGANIZATION (as per the ELCTRICITY BILL)**  
Officer-In-Charge , Jhargram Raj College, P.O. – Jhargram, Dist.- Jhargram, PIN.- 721507  
Consumer Number: 942111000

Sir,

This is to inform you, that a 05 kWp capacity Rooftop Grid Connected SPV Power Plant has been installed at our office premises **JHARGRAM RAJ COLLEGE , JHARGRAM.**

In this regards, we would like to request you to install a net meter against the consumer number as mentioned above, so that the Solar Power Plant can be connected to the grid. In this context, it is appropriate to mention that the West Bengal Electricity Regularity Commission (WBERC) vide notification no. 50 dt 22.03.2013 has allowed net – metering provision for the roof top PV installation of capacity ranging from 5 KW to 100 KW.

Accordingly, we would again like to request you to kindly take appropriate necessary action so that our organisation gets the benefit of net- metering.

Recent electricity bill is enclosed for ready reference.

Yours faithfully,

  
(DR. DEBNARAYAN ROY)

Officer-In-Charge  
Jhargram Raj College  
Officer - in - Charge  
Jhargram Raj College

Ph.No.03221-255022/258700



GOVERNMENT OF WEST BENGAL  
Office of the Principal, Jhargram Raj College  
JHARGRAM:: 721507

Memo. No. 109/E-6

Date: 04.02.2020

From: The Principal/Officer-in-Charge,  
Jhargram Raj College.

To: The Regional Manager  
West Bengal State Electricity Distribution Company Limited  
(A Govt. of West Bengal Enterprise)  
Office of the Regional Manger  
Paschim Medinipur Region  
Administrative Building (2<sup>nd</sup> Floor), Power House Campus, Burdgetown, Paschim Medinipur.

**Sub: Letter of Agreement**

Dear Sir,

With reference to your letter No. R.M./Bulk/Blk-22/4687 dated 23.11.2019 I am submitting an Agreement Proposal regarding modalities of operation of Solar PV source between WBSEDCL and Officer-in-Charge, Jhargram Raj College for your kind perusal.

I, therefore, request you to do the needful at your earliest convenient.

With regards,

Yours sincerely,

Principal/Officer-in-Charge,  
Jhargram Raj College.  
Officer - in - Charge  
Jhargram Raj College



पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

AD 096839

**AGREEMENT REGARDING MODALITIES OF OPERATION OF SOLAR PV SOURCE  
BETWEEN  
WBSEDCL AND OFFICER-IN-CHARGE, JHARGRAM RAJ COLLEGE**

This Agreement is entered on the \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year) by and between

West Bengal State Electricity Distribution Company Limited, a company incorporated under the Companies Act, 1956 having its Registered Office at Vidyut Bhawan, Bidhan Nagar, Kolkata -700091 (hereinafter referred to as the WBSEDCL which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) of the ONE PART.

And

The OFFICER-IN-CHARGE, JHARGRAM RAJ COLLEGE, RAGHUNATHPUR, P.O. & DISTRICT - JHARGRAM, a medium voltage / high voltage consumer WBSEDCL (hereinafter referred to as the "CONSUMER", which expression, unless excluded by or repugnant to the context or meaning thereof, shall be deemed to include its successors and assigns) of the SECOND PART.

WHEREAS :

- Installation of one **05 KWp** capacity Solar PV source at JHARGRAM RAJ COLLEGE, RAGHUNATHPUR, P.O. & DISTRICT - JHARGRAM is complete and ready for operation and installation check-up and clearness by testing department of WBSEDCL.
- CONSUMER is a medium voltage / High voltage consumer of **PASCHIM MEDINIPUR** Regional office /Customer Care Centre (Previously Known as Group Electric Supply), WBSEDCL having consumer no. **942111000**.
- The newly installed Solar PV source at CONSUMER is intended to be interconnected and operated in parallel with WBSEDCL distribution system at medium voltage/ high voltage and accordingly application has been submitted to WBSEDCL for such interconnection in terms of the West Bengal Electricity Regulatory Commission (Cogeneration and Generation of Electricity from Renewable Sources of Energy) Regulations, 2013 or any subsequent amendment / replacement of it from time to time to which WBSEDCL agrees on the terms and conditions as mentioned in this agreement.



**NOW, THIS AGREEMENT WITNESSTH AS FOLLOWS:**

1. That CONSUMER shall be responsible for the design, installation, operation and maintenance of the Solar PV Source.
2. That in case of any defect being discovered in any part of the installation either by CONSUMER or by WBSEDCL, it shall of its own or at the request of WBSEDCL, forthwith isolate/ disconnect the faulty part of the installation from the circuit of WBSEDCL. WBSEDCL shall not have any responsibility whatsoever regarding the installation or any equipment.
3. That to avoid accident, CONSUMER shall make necessary arrangement for instantaneous disconnection of the Solar PV source as well as WBSEDCL source in case of any abnormal situation occurred from either end. Both the sources should also have independent arrangement to isolate itself immediately upon occurrence of abnormal condition, internal or external, in order to avoid any damage through suitable protection devices. In case of any untoward happening in spite of the best effort by the respective agency, the loss of damage will be shared by each agency on their part and every attempt would be taken to restore the system to its normalcy at the earliest.
4. That CONSUMER shall provide suitable place for installation of two separate meters or one export-import meter for the purpose of billing on net energy, from the date of installation of such meter, as per Renewable Regulations or any other regulations under Electricity Act 2003.
5. That CONSUMER shall continue to be a consumer of WBSEDCL and all obligations under the terms of condition of the Agreement entered with WBSEDCL shall continue to be complied.
6. That WBSEDCL will issue energy bill on net energy in line with the regulations of West Bengal Electricity Regulatory Commission in each billing cycle.
7. That in each billing period, WBSEDCL shall record the quantum of injected energy to the WBSEDCL grid from Roof top Solar PV Source and the energy supplied by WBSEDCL. In each billing period, WBSEDCL shall raise bill on net energy after off-setting the injected power from Roof top Solar PV Source following the billing procedure given in Annexure-I as per Renewable Regulations where applicable tariff will be as per tariff order issued under West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 or any subsequent amendment / replacement of it from time to time under section 61 of Electricity Act 2003 and the consumer shall make payment in time. Excess energy injected to the WBSEDCL grid from Roof top Solar PV Source, if any, will be carried over to the

next billing cycle. However, at the beginning of each financial year, cumulative carried over energy from Solar PV Sources will be reset to zero. No payment will be made for any spill over of energy.

8. That any delay in payment shall attract surcharge as per prevailing West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 or its amendment or subsequent replacement of it under section 61 of Electricity Act 2003 by West Bengal Electricity Regulatory Commission (WBERC).
9. That in the event of any default in payment or non-compliance of obligation / any of the terms of this agreement, the matter will be dealt in accordance with the regulation 4.1 of West Bengal Electricity Regulatory Commission (Electricity Supply Code) Regulations, 2013 or its amendment or subsequent replacement of it under section 50 of Electricity Act, 2003.
10. That CONSUMER shall abide by the provisions of the Indian Electricity Rules, 1956 where applicable and the Regulations made with relation to safety u/s 53 of the Electricity Act, 2003 by the Central Electricity Authority in regard to testing and installing of the source as applicable.
11. That CONSUMER shall not indulge in any unauthorized transaction of electricity with third party or carry out any unauthorized alteration / extension / reconnection. In case any such unauthorized unlawful practice is detected, the service will be discontinued and this agreement will be terminated following a 7 days' notice for termination.
12. That WBSEDCL will disconnect the service in the event of any distress, damage to electrical plants, electric lines or meter and for prevention of loss of human life as provided in the West Bengal Electricity Regulatory Commission (Electricity Supply Code) Regulations, 2013 or its amendment or subsequent replacement of it under section 50 of Electricity Act 2003.
13. That the Agreement shall be effective from the date of its signing. The validity period of the Agreement shall be for a period of 1 (one) year from the date of installation of export-import meter for the purpose and may continue till it's determination unless earlier terminated for any reason contained herein. Either Party, however, with the consent of the other Party, shall be at liberty to determine this agreement before the expiry of the aforesaid period.
14. That this agreement is entered into between WBSEDCL (1<sup>st</sup> party) and CONSUMER (2<sup>nd</sup> party) for energy adjustment in terms of clause 6.1(v)(c) of the Renewable Regulations (or any amendment thereof).
15. That this Agreement shall not be considered as Power Purchase Agreement.

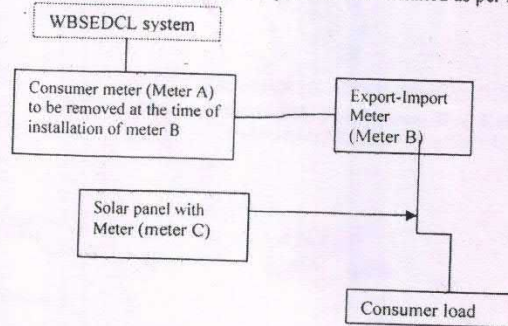
16. That save and except here-in-before specified or otherwise provided in the event of any dispute or difference arising at any time between the parties to the agreement in regards to any matter arising out of or in connection with this Agreement, such dispute or difference shall be settled through mutual discussion.

In WITNESS WHEREOF the parties have executed these presents through authorized representatives on                      day of (month),                      (year).

Signed and delivered for and on behalf of WBSEDCL	Signed and delivered for and on behalf of CONSUMER, 
In the presence of :	In the presence of
i) Signature : Designation :	i) Signature : <i>Sharmista Kumar</i> Designation : <i>Associate Prof of English</i>
ii) Signature : Designation	ii) Signature : <i>Prasanta Kumar</i> Designation <i>Assistant Prof of Chemistry</i>

Billing procedure as per Regulation 6.1 (V) (c) of West Bengal Electricity Regulatory Commission (Cogeneration and Generation of Electricity from Renewable Sources of Energy), Regulations, 2013 (Renewable Regulations):

Connection diagram: Connection diagram of Export-Import meter in respect of the consumers of WBSEDCL in whose premises roof top solar PV panel will be installed as per Renewable Regulations:



**Billing Procedure :** The bill will be claimed based on meter reading of export meter (B) as per following methodology when the performance of such meter is satisfactory.

Item	Unit	Quantum
Energy drawal in a billing cycle as recorded in the meter B	Kwh	$E_{IB}$
Energy exported in a billing cycle as recorded in the meter B	Kwh	$E_{EB}$
Max. Demand (drawal mode) in a billing cycle as recorded in the meter B	KVA	$D_{IB}$
a) When $E_{EB} \leq 90\%$ of $E_{IB}$ ,		
i) For 1 <sup>st</sup> billing cycle, if energy consumption ( $E_{prior}$ ) with max. demand ( $D_{prior}$ ) is recorded in meter A before removal of meter A at the time of installation of export meter B, such consumption ( $E_{prior}$ ) is to be added with the net energy ( $E_{IB} - E_{EB}$ ). Hence, Energy Charge will be claimed as per Tariff order on the energy ( $E_{prior} + E_{IB} - E_{EB}$ ) during first billing cycle and from 2 <sup>nd</sup> billing cycle onwards on the net energy ( $E_{IB} - E_{EB}$ ), if $E_{EB} \leq 90\%$ of $E_{IB}$ where $E_{EB}$ will account excess energy brought forwarded from the earlier billing period.		
ii) $E_{prior}$ and $D_{prior}$ will be considered zero (0) for 1 <sup>st</sup> billing cycle, if no energy consumption and max demand recorded in meter A before removal of meter A at the time of installation of export meter B.		
b) When $E_{EB} > 90\%$ of $E_{IB}$ , the excess energy above 90% of $E_{IB}$ will be carried forwarded to next billing cycle and $E_{prior}$ , if any recorded in meter A before removal of meter A at the time of installation of export meter B, will be added with ( $E_{IB} - E_{IB} \times 0.9$ ) for 1 <sup>st</sup> billing cycle and then from 2 <sup>nd</sup> billing cycle onwards on the net energy ( $E_{IB} - E_{IB} \times 0.9$ ), if $E_{EB} > 90\%$ of $E_{IB}$ , where $E_{EB}$ will account excess energy brought forwarded from the earlier billing period		
c) At the end of each financial year, any excess energy injected into WBSEDCL grid will be reset to zero.		
Demand Charge will be claimed as per Tariff order on the $D_{prior}$ or $D_{IB}$ or 85% of the Connected load of the consumer whichever is higher.		
MVCA will be claimed in first billing cycle on the energy ( $E_{prior} + E_{IB} - E_{EB}$ ), if $E_{EB} \leq 90\%$ of $E_{IB}$ or ( $E_{prior} + E_{IB} - E_{IB} \times 0.9$ ), if $E_{EB} > 90\%$ of $E_{IB}$ . From 2 <sup>nd</sup> billing cycle onwards, MVCA will be claimed on net energy ( $E_{IB} - E_{EB}$ ), if $E_{EB} \leq 90\%$ of $E_{IB}$ or ( $E_{IB} - E_{IB} \times 0.9$ ), if $E_{EB} > 90\%$ of $E_{IB}$ .		
Meter rent for export import meter B (3-phase / 1-phase), as the case may be, will be claimed as per Tariff order.		
ED will be applicable as per Bengal Electricity Duty Act.		



GOVERNMENT OF WEST BENGAL  
Office of the Principal, Jhargram Raj College  
JHARGRAM:: 721507

Memo. No. 406/E-6

Date: 24.07.2018

From: The Principal/Officer-in-Charge,  
Jhargram Raj College.

✓ To: The Special Secretary to the Govt. of West Bengal,  
Department of Higher Education, Science & Technology and Biotechnology,  
C.G. Branch, Bikash Bhavan, Salt Lake,  
Kolkata-91.

Sub: Prayer for administrative approval and sanction of fund for amount of Rs. 7,95,600/- (Rupees Seven lakh ninety five thousand six hundred) only for installation of solar PV power plant at Jhargram Raj College.

Respected Sir,

With a view of relying, as much as possible, on green, environment friendly and renewable energy source, the undersigned took an initiative to install solar PV power plant on the roof top of the college buildings through the West Bengal Renewable Energy Development Corporation (WBREDA). WBREDA can install solar PV plants with capacity maximum of 90% of our electricity consumption and a detailed budget of Rs. 2,29,50,000/- (Rupees Two Crore twenty nine lakh fifty thousand) only was furnished by them to install solar PV Plant of cumulative capacity of 416kWp and the same budget proposal (Memo No. WBREDA/59(2013)/452 dated 16.07.2018) is attached herewith for your reference.

However, since the above mentioned project involves a significantly huge financial burden, the undersigned would like to scale down the project by installing a 12KWp solar PV power plant as an initiation to move towards green, environment friendly and renewable energy source for pollution free future. According to the letter from WBREDA the same can be done in our premises with a budget of Rs. 7,95,600/- (Rupees Seven lakh ninety five thousand six hundred) only and the detailed breakup for the budget is given below in accordance with the WBREDA letter vide Memo no. WBREDA/SPV Power Plant/109/2017/334 dated 15/06/2018.

Capacity of solar PV per Plant	Rate	Service Charge	Total
12KWp	Rs. 65,000/- (65,000X12=7,80,000)	@2% (Rs. 15,600)	Rs. 7,95,600/-

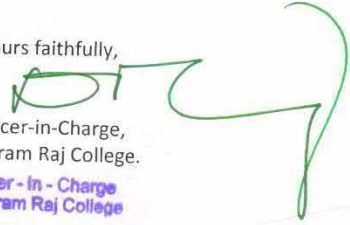
I, therefore request you to kindly grant a sum of Rupees 7,95,600/- ( Rupees Seven lakh ninety five thousand six hundred) only to enable Jhargram Raj college to move towards green pollution free future by installing a 12KWp solar PV power plant and accord necessary administrative approval in the first phase.

With regards,

Encl : All necessary documents.



Yours faithfully,

  
Officer-in-Charge,  
Jhargram Raj College.  
Officer - in - Charge  
Jhargram Raj College

R/C



GOVERNMENT OF WEST BENGAL  
Office of the Principal, Jhargram Raj College  
JHARGRAM:: 721507

Memo. No. 406/E-6

Date: 24.07.2018

From: The Principal/Officer-in-Charge,  
Jhargram Raj College.

To: The Special Secretary to the Govt. of West Bengal,  
Department of Higher Education, Science & Technology and Biotechnology,  
C.G. Branch, Bikash Bhavan, Salt Lake,  
Kolkata-91.

Sub: Prayer for administrative approval and sanction of fund for amount of Rs. 7,95,600/- (Rupees Seven lakh ninety five thousand six hundred) only for Installation of solar PV power plant at Jhargram Raj College.

Respected Sir,

With a view of relying, as much as possible, on green, environment friendly and renewable energy source, the undersigned took an initiative to install solar PV power plant on the roof top of the college buildings through the West Bengal Renewable Energy Development Corporation (WBREDA). WBREDA can install solar PV plants with capacity maximum of 90% of our electricity consumption and a detailed budget of Rs. 2,29,50,000/- (Rupees Two Crore twenty nine lakh fifty thousand) only was furnished by them to install solar PV Plant of cumulative capacity of 416kWp and the same budget proposal (Memo No. WBREDA/59(2013)/452 dated 16.07.2018) is attached herewith for your reference.

However, since the above mentioned project involves a significantly huge financial burden, the undersigned would like to scale down the project by installing a 12KWp solar PV power plant as an initiation to move towards green, environment friendly and renewable energy source for pollution free future. According to the letter from WBREDA the same can be done in our premises with a budget of Rs.7,95,600/- (Rupees Seven lakh ninety five thousand six hundred) only and the detailed breakup for the budget is given below in accordance with the WBREDA letter vide Memo no. WBREDA/SPV Power Plant/109/2017/334 dated 15/06/2018.

Capacity of solar PV per Plant	Rate	Service Charge	Total
12KWp	Rs. 65,000/- (65,000X12=7,80,000)	@2% (Rs. 15,600)	Rs. 7,95,600/-

I, therefore request you to kindly grant a sum of Rupees 7,95,600/- ( Rupees Seven lakh ninety five thousand six hundred) only to enable Jhargram Raj college to move towards green pollution free future by installing a 12KWp solar PV power plant and accord necessary administrative approval in the first phase.

With regards,

Yours faithfully,

  
Officer-in-Charge,  
Jhargram Raj College. 24/7/18

Officer - in - Charge  
Jhargram Raj College

Encl : All necessary documents.





## 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

☎: 2357 5038/5348 /6568

☎: 2357 5037/6569

*Speed:*

Memo No. WBREDA/59(2013)/452

Date: 16-07-2018

To  
✓ The Principal  
Jhargram Raj College  
Jhargram, West Bengal, Pin- 721507

**Subject:** Proposal for installation of grid connected roof top solar PV (GRTSPV) systems at the rooftop of Jhargram Raj College.

**Reference:** Your letter No: nil, dated 27-06-2018.  
Your email dated: 13-07-2018.

Sir

On reply of your letter under reference and based on the information furnished by you through email dated 13-07-2018, the estimate for installation of cumulative capacity 416kWp Power Plant is furnished as follows:

Sl No.	Name of the Building	Capacity	Rate (Rs./kWp)	Amount (Rs.)
1	SCIENCE BUILDING	190 kWp	53,000.00	1,00,70,000.00
2	ARTS FACULTY BUILDING	80 kWp	55,000.00	44,00,000.00
3	COMMON ROOM	10 kWp	55,000.00	5,50,000.00
4	WOMENS HOSTEL	25 kWp	55,000.00	13,75,000.00
5	VIDYASAGAR CHATRABAS (BOYS)	30 kWp	55,000.00	16,50,000.00
6	NEW HOSTEL (BOYS)	45 kWp	55,000.00	24,75,000.00
7	STAFF HOUSING BLOCK A	12 kWp	55,000.00	6,60,000.00
8	STAFF HOUSING BLOCK B	12 kWp	55,000.00	6,60,000.00
9	STAFF HOUSING BLOCK C	12 kWp	55,000.00	6,60,000.00
Total (A)		<b>416 kWp</b>		2,25,00,000.00
Service Charge @2% (B)				4,50,000.00
Total Project cost (C=A+B)				<b>2,29,50,000.00</b>

We would now request you to arrange for placement of fund amounting to **Rs. 229.5 Lakhs** for installation of GRTSPV Systems of cumulative capacity 416kWp for Jhargram Raj College. The terms and conditions may be noted as follows:

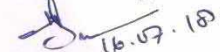
- 100% payment shall have to be deposited along with confirmation.
- The project will be completed within a period of six months from the date of handing over of site.
- After commissioning of the project, the project cost will be reconciled and accounts will be settled.
- WBREDA will approach to the MNRE for availing financial assistance, if any, in this regard. In case of receipt of the same (financial assistance), WBREDA pass on the same to the institution.

I would now request you to please convey your acceptance and fund may be placed by A/c payee Cheque in favour of "West Bengal Renewable energy Development Agency" or electronically for which details are as follows:

- Name of the Bank: Corporation Bank
- Branch Name: Kolkata Saltlake, Sector-V Br.
- Branch Code: 1045
- Account No.: 510341000690357
- IFS Code: CORP0001045

The capacity GRTSPV Systems as indicated is based on the preliminary data furnished by you. This capacity may, however alter during detailed inspection before installation of GRTSPV Systems.

Yours faithfully,



(P.K. Basu)  
Chief Engineer

SP

**West Bengal Renewable Energy Development Agency (WBREDA)**

**Department of Power & NES, Govt. of West Bengal**

Bikalpa Shakti Bhawan, J-1/10, EP & GP Block, Sector-V, Salt Lake Electronics Complex, Kolkata-700091

Memo no: WBREDA/SPV Power Plant/ 109/2017/334

Date: 15<sup>06</sup>/05/18

To  
The Officer In Charge,  
Jhargram Raj College,  
P.O: Jhargram,  
Dist: Jhargram  
Pin-721507

**Sub: Setting up a Solar PV Power Plant**

Sir,

With reference to your letter, vide no: 304/E-6 dt : 05.06.18, please be informed that WBREDA installs Rooftop Solar PV Power Plant in Net-metering mode, where there is no storage arrangement. For such installation, three phase power supply from the Distribution Service Provider (WBSEDCL) is required at your premises with appropriate voltage level. For a Rooftop Solar PV Power Plant in Net-metering mode, minimum capacity of Solar Photovoltaic (SPV) installation requirement is 5 KWp. For installation of each KWp of Solar PV Power Plant, effectively 10-12 sqmeter shadow free (roof) space is required.

As per the benchmark cost of the Ministry of New & Renewable Energy[MNRE], Govt. of India, the tentative cost of such system is found to be in the tune of Rs.70,000/- per kWp up-to 10 kWp range , 65,000/- per kWp in the 11 to 100 kWp range and so on. WBREDA may implement such work on deposit work basis.

For further course of action, if any, please ask your representative to contact to WBREDA office [033-2357-5038/5348/6568/9434075616] for further discussion, if any, in this regard.

Yours Faithfully

(P.K.Basu)

13.06.18  
Chief Engineer, WBREDA

Copy to:

1.The Additional Director and Chief Executive Officer, WBREDA, Kolkata-700091

Chief Engineer, WBREDA



SP

To  
H.A. for n.a.  
13/06/18

**West Bengal Renewable Energy Development Agency (WBREDA)**

**Department of Power & NES, Govt. of West Bengal**

Bikalpa Shakti Bhawan, J-1/10, EP & GP Block, Sector-V, Salt Lake Electronics Complex, Kolkata-700091

Memo no: WBREDA/SPV Power Plant/109/2017/334

Date: 15<sup>06</sup>/05/18

To  
The Officer In Charge,  
Jhargram Raj College,  
P.O: Jhargram,  
Dist: Jhargram  
Pin-721507

**Sub: Setting up a Solar PV Power Plant**

Sir,

With reference to your letter, vide no: 304/E-6 dt : 05.06.18, please be informed that WBREDA installs Rooftop Solar PV Power Plant in Net-metering mode, where there is no storage arrangement. For such installation, three phase power supply from the Distribution Service Provider (WBSEDCL) is required at your premises with appropriate voltage level. For a Rooftop Solar PV Power Plant in Net-metering mode, minimum capacity of Solar Photovoltaic (SPV) installation requirement is 5 KWp. For installation of each KWp of Solar PV Power Plant, effectively 10-12 sqmeter shadow free (roof) space is required.

As per the benchmark cost of the Ministry of New & Renewable Energy[MNRE], Govt. of India, the tentative cost of such system is found to be in the tune of Rs.70,000/- per kWp up-to 10 kWp range , 65,000/- per kWp in the 11 to 100 kWp range and so on. WBREDA may implement such work on deposit work basis.

For further course of action, if any, please ask your representative to contact to WBREDA office [033-2357-5038/5348/6568/9434075616] for further discussion, if any, in this regard.

Yours Faithfully

(P.K.Basu)

Chief Engineer, WBREDA

Copy to:

1.The Additional Director and Chief Executive Officer, WBREDA, Kolkata-700091

Chief Engineer, WBREDA



Ph.No.03221-255022/258700

GOVERNMENT OF WEST BENGAL  
**Office of the Principal, Jhargram Raj College**  
JHARGRAM:: 721507

Memo. No. 304/E-6

Date: 05.06.18

From: The Principal/Officer-in-Charge,  
Jhargram Raj College.

To: Chief Engineer,  
WBREDA,  
Bikalpa Shakti Bhavan, EP & GP Block,  
Salt Lake, Sector-V,  
Kolkata-700 091.



*Sub : Request for installation of Solar Panel at the premises of Jhargram Raj College.*

Sir,

With the view of control of huge amount of electricity consumption and as per decision of IQAC, we have decided to install a Solar Panel at the College premises.

As the College is situated at remote Jungle Mahal area of the State and students generally belong to tribal class, the said project is too much necessary for Higher Education of those students.

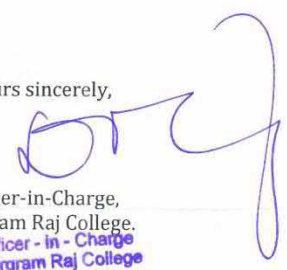
Presently, this college has no alternative energy project. So both teachers and students have been facing tremendous difficulties in the class room.

To sort out this problem I would request you to kindly visit this college and submit a plan estimate in details for installation of Solar Panel at the College Premises.

We solicit your cooperation and help at your earliest convenience.

With regards,

Yours sincerely,

  
Officer-in-Charge,  
Jhargram Raj College.  
Officer - in - Charge  
Jhargram Raj College



Office of The Principal  
**Jhargam Raj College**

P.O. & Dist.-Jhargam, Pin-721507  
Tel No.- 03221-255022 / 258700; Fax- 03221-258700

Memo No: 347 / E-6

Dated: 27.06.2018

From,  
The Principal, Jhargam Raj College

To,  
The Divisional Engineer  
WBREDA  
Bikalpa Shakti Bhawan  
J-1/10, EP & GP Block, Sector V  
Salt Lake Electronics Complex  
Kolkata 700091

Sub: Installation of Solar PV Power plant

Sir,

Please refer to your letter vide memo no. WBREDA/SPV Power Plant/109/2017/334 dated 15.06.2018 and our telephonic conversation with you and Chief Engineer, WBREDA. I do hereby attach the latest electricity bill of our college which is self explanatory for the information of our demand and consumption of electrical power. As per the WBREC rule we want to adjust 90% of our total consumption by solar power by installing SPV installation through WBREDA.

I would request you to kindly inform us the maximum SPV installation requirement our college and also the requirement of budget for the same.

Please do the needful at your earliest convenience and oblige.

With regards,

Sincerely Yours,

Principal / Officer-in-Charge

Copy to:  
Chief Engineer, WBREDA

To  
H.A. for n.a.  
OTZ  
23/11/19

**WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED**  
**(A GOVT OF WEST BENGAL ENTERPRISE)**  
**OFFICE OF THE REGIONAL MANAGER.**  
**PASCHIMMEDINIPORE REGION**  
**Administrative Building(2<sup>nd</sup> floor), Power House Campus: Burdgetown**

Memo No. R.M./Bulk/Blk-22/4687

Date: 23/11/19

To  
The Officer - In Charge  
Jhargram Raj College  
P.O - Jhargram, Dist - Jhargram

Sub: Installation of 05 KWp On-Grid roof top Solar Power Plant with net metering facility. Con.ID. 942111000  
Ref: Letter receipt No.3848 dated 15.11.2019.

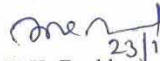
Dear Sir,

As per your application dated 15.11.2019 a proposal for installation of 05 KWp On-Grid roof top Solar Power Plant at your existing factory premises with WBSEDCL's grid network. So you are requested to submit the followings:-

- 1) A 'Single Line Diagram' of your proposed installation and connectivity with WBSEDCL's grid with net metering facility.
- 2) You have to submit the 'site suitability check-up, technological clearance and eligibility criteria verification from West Bengal Energy Development Agency (WBREDA)' in compliance of Renewable Regulations 2013.
- 3) After compliance of the above, you have to execute an Agreement with WBSEDCL on a Non-judicial Stamp paper of Rs.100/- regarding modalities of operation of Solar PV source between yourself and WBSEDCL. The terms and conditions of the Agreement is available in the Consumer Corner of the official website of WBSEDCL i.e. [www.wbsebdcl.in](http://www.wbsebdcl.in)

This is for your kind information and necessary action please.

Yours faithfully,

  
(D.K. Bachhar)  
Regional Manager  
Paschim Medinipore Region



Ph.No.03221-255022/258700

GOVERNMENT OF WEST BENGAL  
**Office of the Principal, Jhargram Raj College**  
JHARGRAM:: 721507

Memo. No. 273/A-2

Date: 25-05-2019

From: The Principal/Officer-in-Charge,  
Jhargram Raj College.

To: M/S Rupantar,  
Nimpith, Joynagar,  
South 24 parganas.

Sub : Work Order for development of Online portal for Admission to  
the U.G. & P.G. Courses of Jhargram Raj College for the session 2019-20.

Ref : This Office NIQ No.267 (10)/Q-2 dated 16.05.2019 & Your Quotation No. Nil dated 20.05.2019.

This is to inform you that your quotation for development of Online portal for Admission to the U.G. & P.G. Courses for the session, 2019-20 has been accepted by this college.

Therefore, you are requested to start all the preparatory works relating to the development of online portal on the basis of the quotation as mentioned below.

**Description of Works :**

1. Fully online portal for admission to the U.G. & P.G. Courses including payment gateway, application, merit list preparation, complete online counseling, registration uploading to V.U. website, submission of final data for student management system database. The facility should include SMS alert and OTP generation.

N.B. : Work should be completed within 02 (two) days from the date of issue of this order and installation certificate should be submitted to this office after completion of the work.

Principal/Officer-in-Charge,  
Jhargram Raj College.  
**Officer - in - Charge**  
**Jhargram Raj College**

25/5/19

## **College Forum for Extension & Community Work Annual Report for 2019-20**

Teachers, students and ex-students of Jhargram Raj College are involved in various community works for uplifting the condition of tribal people surrounding the College at personal level since decades. Most of those deprived people are not conscious about their own right, power and ability since pre-independence of India. They used to earn livelihood by selling the wood and leaves of forest or employing themselves as seasonal labour. Their endless poverty exists even today due to lack of education and proper consciousness. This forum for extension and community work of Jhargram Raj College helped these people at personal level in a regular basis.

In 2019-20 session Jhargram Raj College formed a committee for widening the scope of ongoing community work consisting of 12 members which includes teachers, students and ex-students of this college. The said committee has conducted a meeting on 22.11.2019 to chalk-out the plan of action of this forum for the session 2019-20. It was resolved that the forum for extension and community work will conduct three projects in different dimensions.

A meeting of the forum was held on 16.12.2019 to decide the modus operandi of the first programme. It was resolved that the first programme will be held on Shushnigeria village 6 km away from Jhargram town and the target beneficiary of this programme would be adult female. It was further resolved that a socio-economic survey would be done and also a health awareness programme would be arranged. During the first week of January the members of the committee have visited the village several times with a questionnaire and asked the women of the village to fill it. The survey reconfirmed that the women are not aware of their basic health & hygiene. For that reason, forum has decided to arrange a health awareness camp along with distribution of clothings (Sharee) for ladies, as most of the ladies not even have a pair of clothings. 60 sarees were distributed in that occasion Sri Abhijit Roy, Counselor, ICTC, Link Art, Jhargram District Hospital was the speaker in that programme on 9th January, 2020. He discussed the various aspects of general health and hygiene for the women.

Darkness continues to exist under the lamp - Katabari para which is situated not more than one km far from Jhargram Raj College. In this para approximately 20 Lodha family including 40 to 50 children reside. Most of the adult members of them are addicted to liquor and they used to prepare liquor at their home secretly. These liquors addicted male members used to engage themselves whole day in gambling and do not look after their family. Ladies get married in very early age and have more than 2 to 3 children on an average. In this situation, ladies are compelled to work extremely hard. They go to forest to collect wood and leaves and sell these in Jhargram town. They could not take proper care for their children. The only hope for us is that each and every child of this para goes to school. This fact has been placed in the meeting held on 07.02.2020. The meeting resolved to start a play school for these children to impart good lesson to them and enhance the cultural quality of these children. We planned to inspire the children through involving them into singing dancing drawing painting reading writing and all sorts of creative works. So that we would able to keep them away from liquor addiction and gambling. The school should run three days in a week without hampering their regular study in their enrolled schools.

The inaugural ceremony of the said play school was held on 25.02.2020 through an educational awareness programme at 3:00 pm in this para. It was inaugurated by Sri Rajib Das, Assistant Teacher, Banstala Junior High School, Jhargram in the presence of Sri Parthapratim Mukherjee, Coordinator, Internal Quality Assurance Cell (IQAC), Jhargram Raj College. They have addressed this group of children along with their mother. These children have also participated in this programe through performing various cultural events like reciting poems, dance, song etc. actually these children were guided and trained by our ex-student members Tamal Malla and Subhasree Das. In this programme 50 kits comprising khata, pencil, pastel color box eraser etc. and some dresses for performing various cultural events were distributed among the children.

Hope this school should run smoothly in future in a continuous manner and we have also a plan to conduct a health check-up camp for the regular students of this play school in near future.

