



# NETAJI MAHAVIDYALAYA

AFFILIATED TO THE UNIVERSITY OF BURDWAN

ESTD - 1948

ARAMBAGH ★ HOOGHLY

WEST BENGAL ★ PIN CODE-712601

ACCREDITED ( 2ND CYCLE ) BY NAAC

Ref. No. Aram/NM/Office/522/16-17: ...

Date: ... ..

To  
The Divisional Manager,  
WBSEDCL, Arambagh Division,  
Arambagh, Hooghly.

Dated : 24/04/2017

**Sub.:- Request for necessary meter arrangement for installation of Grid Connected Roof Top Solar PV Power Plant of array capacity 20kWp.**

Sir,

With reference to the letter no. **WBREDA/105(2016)/24(1) dt. 11-04-2017** from **West Bengal Renewable Energy Development Agency**, I would like to request you to take the necessary action for extending Net metering arrangement and for replacement of existing energy meter by providing export-import energy meter for installation of Grid Connected Roof Top Solar PV Power Plant of array capacity 20 kWp at our college.

Your kind co-operation in this regard is solicited.

Thanking you,

Dr. A. K. De

Principal

Principal  
Netaji Mahavidyalaya  
Arambagh, Hooghly

Arambagh Division (W.B.S.E.D.C.L.)

Received on: 24/04/17

Dated: 24/04/17

Not Verified

**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/129(2016)/169(8)

**Dtd.** 11/05/2018

To  
The Headmaster / Headmistress / Teacher-in-charge / Principal  
Netaji Mahavidyalaya  
Vill/Town: Balidewangang Road, Block:  
P.O: Arambag, Dist.: Hooghly, Pin: 712601  
Mob:

**Sub:** Setting up of Grid Connected Roof top Solar PV Power Plant of array capacity 10 kWp at your institution.

Sir/Madam,

The Government of West Bengal has approved a project for installation of 1000 nos. grid connected Solar PV Power Plant each of array capacity 10 kWp at various institutions in West Bengal. The West Bengal Renewable Energy Development Agency (WBREDA) being a State Nodal Agency has been assigned to implement the project.

Under this project, a preliminary survey is being carried out at the prospective schools/institution to assess the technical feasibility/ suitability for installation of Grid Connected Roof Top Solar PV Power Plant of array capacity 10 kWp.

In this connection, we would like to inform you that the PV Power Plant will be grid connected type without battery backup. The power plant will supplement energy consumption from grid supply and thus reduce the expenditure for electricity through net metering arrangement.

As per information gathered from the site inspection report, that your school /institution is technically feasible for installation of grid connected Solar PV Power Plant of array capacity 10 kWp. We have deployed M/S AKA Logistics Pvt. Ltd. (09 nos sites), of Address 1st Floor, Chitrakoot, 230A, AJC Bose Road, Kolkata-700020 ( Pradeep Yadav, Mob.: 9038505909, Landline No.: 033 - 6766 3100, pradeep.yadav33@outlook.com) to carry out the work for installation of the Grid Connected Roof top Solar PV Power Plant of array capacity 10 kWp at your institution.

In this context, you are requested to apply to your local electricity supply office of WBSEDCL and submit the Prescribed Application Form(s) of WBSEDCL (available at supply office and also at the website [www.wbsedcl.in](http://www.wbsedcl.in)) after duly filled up and execute the Agreement with WBSEDCL for net metering arrangement with export import energy meter. A format of prayer letter to WBSEDCL is enclosed herewith.

**It may be noted that the necessary expenditures as required for your institution for the process of installation of Export Import Energy Meter by WBSEDCL shall be borne by the Government of West Bengal through WBREDA as a part of this project. The requisite fund will be placed to WBSEDCL.**

You are also requested co-operate during the installation process of the PV Power Plant at your institution and to provide a source of water inlet at the roof top to connect the water line to facilitate regular cleaning of PV Modules of Power Plant to achieve optimum performance which will result optimum reduction of electricity. For any further assistance, you may contact with Animesh Ghosh, Mob.: 9433381357, Email: wbreda1000school@gmail.com.

Encl: Format of prayer letter to WBSEDCL.

Yours faithfully,

Sd/-

Chief Engineer

*12/11/18*



# NETAJI MAHAVIDYALAYA

AFFILIATED TO THE UNIVERSITY OF BURDWAN

ESTD—1948

ARAMBAGH ★ HOOGHLY

WEST BENGAL ★ PIN CODE-712601

ACCREDITED ( 2ND CYCLE ) BY NAAC

Ref. No. Aram/NM/Office/... 169 / 18 - 19

Date... 28.09.2018

To  
The Director-in-Charge,  
WBREDA,  
Sector - V, Salt Lake, Kolkata.

Sub.: Request for Inspection our installed Roof top Solar PV Power Plant of array capacity 10kWp.

Ref. : Memo No. – WBREDA/129(2016)/169(8) dated – 11/05/2018

Sir,

With reference mentioned above this is to inform you that a Roof top Solar PV Power Plant of array capacity 10 kWp has already been installed at our institution , Netaji Mahavidyalaya, Arambagh, Hooghly, Pin – 712601 by AKA Logistics Pvt. Ltd. , the Work Completion Report is attached herewith for your quick reference. The Divisional Engineer, Commercial, Hooghly District of WBSEDCL has already been inspected our site.

Hence, as per the requirement of having Export Import NET Meter, it is necessary to get NOC from your end after inspection.

So, it is our earnest request to you kindly make an arrangement for inspection our site to provide NOC at your earliest and oblige.

Soliciting your kind co-operation,

Thanking you.

Yours sincerely,



*(Signature)*  
28/09/18

Dr A.K. De  
(Principal)  
Principal  
Netaji Mahavidyalaya  
Arambagh, Hooghly

### Handover – Takeover Note

Name of the project: Grid connected Roof top Solar PV Power Plant of PV array capacity 10 kWp

Installation Site:  
(Name of the School/ Institution with Address) NETAJI MAHAVIDYALAYA, Balidewangang Road, Arambag, .  
**District - Hooghly, PIN - 712601**

Project funded by: i) Govt. of West Bengal  
ii) MNRE. Government of India.

End user:

Name & Address of the Implementing Agency: West Bengal Renewable Energy Development Agency (WBREDA)  
Bikalpa Shakti Bhavan, Plot No.J1/10, Block - EP & GP, Sector - V,  
Salt Lake Electronics Complex, Kolkata - 700 091.  
Ph.No.(033) 23575038/5348 Fax.(033) 23576569  
E\_mail ID : [cwbredagedcl@wb.gov.in](mailto:cwbredagedcl@wb.gov.in)  
Mob No.

Executing Agency:  
(Name of the Vendor with Mob No.) AKA Logistics Private Limited,  
1st Floor, Chittrakoot, 230A, AJC Bose Road, Kolkata - 700 020  
**Ph. No.:** 033 - 6766 3100  
**E-mail:** [solar.projects@akalogistics.com](mailto:solar.projects@akalogistics.com)  
Mob No. +91 9038505969

Date of handing over: 10-12-2018

DISCOM Consumer No. of the Institution: 67004067006

West Bengal Renewable Energy Development Agency (WBREDA) is handing over the assets on ....10/12/18.... as created by installation of the Grid Connected Rooftop Solar PV Power Plant of PV Array capacity 10kWp at **NETAJI MAHAVIDYALAYA** herein after called '**Institute**' in full working and operating condition along with bill of materials.

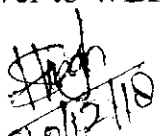

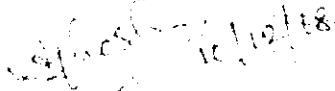

The Institute is taking over the assets along with the project document in compliance with the terms and conditions as mentioned herein under. However WBREDA shall remain as the "**Principal of the Project**" till expiry of the defect Liability Period of the Power Plant:

#### Terms and conditions:

1. Ownership of project will rest with the **Institute**. The asset of this project shall not be transferable. At the end of the life of the project the materials shall be disposed of properly.
2. The **Institute** shall arrange for adequate security of the systems to be installed under the project and shall ensure protection of the system in order to avoid tempering and any unforeseen affair which may cause damage to the system.
3. The **Institute** shall maintain and monitor regular performance of the power plant. In case of any mal functioning of the system. Institute shall directly contact with the Executing Agency with intimation to WBREDA.
4. WBREDA shall have right to access in respect of study, analysis for evaluation of the performance of the project.
5. The **Institute** shall allow the officials of WBREDA, MNRE Government of India or their authorized representative to access the project site after giving intimation to the Institute.
6. WBREDA and the **Institute** shall be entirely responsible for protecting the confidentiality of all data, technology and strategies mutually exchanged for implementation and success of the project
7. The complete PV Power Plant shall be warranted for a period of **five years**. WBREDA shall ensure warrantee obligation through **M/s. AKA Logistics Private Limited** who has executed the work.

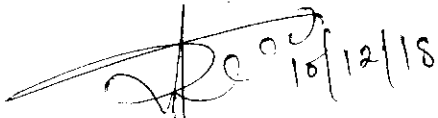
8. The **Institute** shall take up the necessary formalities with the utility to avail Net metering benefit.
9. The **Institute** shall be responsible to upkeep the PV Power plant and also keep close contact with the Executive Agency for breakdown and preventive maintenance.
10. The institute shall arrange for Capital Maintenance after expiry of Defect Liability Period from the savings in centrality expenditure to ensure the trouble free operation of the PV power plant till end of its life period.
11. The **Institute** shall arrange for regular cleaning of PV Array as and when so required, at their own cost.
12. The **Institute** shall designate one of their officials as the Nodal Officer to look after the project.
13. The detail of the Assets has been submitted to the **Institute** to maintain the Asset Register and future guidance.
14. In order to operation and day-to-day maintenance of the Power plant, required training has been given to the **Institute**.
15. The project is being handed over to the institute except the following activities which will not affect the performance of the power plant:

- a) *Transfer to institution.*
- b) *Project documents.*
- c)
- d)

<p>Handed over to WBREDA by</p>  <p>(On behalf of Executing Agency)</p>	<p>Taken over by WBREDA from the Executing Agency</p>  <p>(On behalf of WBREDA)</p>
<p>Witness (On behalf of the Executing Agency)</p> <p>Signature</p> <p>Name</p> <p>1).....</p>	<p>Witness (On behalf of WBREDA)</p> <p>Signature</p> <p>Name</p> <p>1).....</p>
<p>Handed over to the Beneficiary Organization by WBREDA</p>  <p>(On behalf of WBREDA)</p>	<p>Taken over by Beneficiary Organization from WBREDA</p>  <p>(On behalf of Beneficiary Organization)</p>
<p>Witness (On behalf of the WBREDA)</p> <p>Signature</p> <p>Name</p> <p>1).....</p>	<p>Witness (On behalf of Beneficiary Organization)</p> <p>Signature</p> <p>Name</p> <p>1) <i>DR. BISEANATH GARTI</i></p>

**COMMISSIONING REPORT (PROVISIONAL) FOR GRID CONNECTED SOLAR PHOTOVOLTAIC POWER PLANT (with Net-metering facility)**

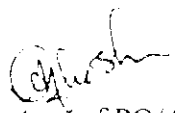

Certified that a Grid Connected SPV Power Plant of array capacity **10 kWp** has been installed at the site NETAJI MAHAVIDYALAYA in Hooghly District of West Bengal, which has been installed by M/S. AKA LOGISTICS PRIVATE LIMITED on 31.08.2018. The system is as per BIS/ MNRE specifications. The system has been checked for its performance on 10-12-2018 with/without installation of bi-directional meter and it is working satisfactorily. The system is suitable for installation of bi-directional energy meter.

  
Signature of the beneficiary

Hasindra Singh



Signature of the representative of the Supplier  
With name, seal and date

  
Signature of PO/APO  
With name, seal and date  
ADITI GHOSH  




# NETAJI MAHAVIDYALAYA

AFFILIATED TO THE UNIVERSITY OF BURDWAN

ESTD—1948

ARAMBAGH ★ HOOGHLY

WEST BENGAL ★ PIN CODE-712601

ACCREDITED WITH B++ GRADE BY NAAC

Ref. No. Aram NM Office/..733/14-15

Date..30/10/14... ..

To

**The Director,**

Department of Environment and Wetland Management.

Govt. of West Bengal.

Salt Lake, Kolkata.

**Sub: A prayer for installation of Rain Water Harvesting Model Demonstration Plant at Netaji Mahavidyalaya, Arambagh, Hooghly.**

Sir.

With reference to the subject cited above I like to draw your kind attention to the fact that Netaji Mahavidyalaya, Arambagh, in the district of Hooghly, West Bengal was established in the year 1948 and presently it is a very renowned college affiliated to the University of Burdwan, where more than 4000 students of various disciplines (e.g., Science, Arts, Commerce) at the undergraduate and postgraduate level including BBA, BCA are enrolled every year. Netaji Mahavidyalaya is a pioneer in the field of study of Environmental Science (both honours and general course) in undergraduate level in the University of Burdwan.

The location of Arambagh Sub-division out of four Sub-divisions of Hooghly District is the western side of this District i.e., nearer to Bankura District which is normally drought prone area. Considering the location of this college and its utilizable sufficient space, we are eager to install a Rain Water Harvesting model plant within the college campus from the quota of Hooghly District. I can assure you that the installation of Rain Water Harvesting model plant in this college would be fruitful in sensitising the community towards conserving water resources. As we are very much keen to launch this project, **we shall provide 10 X 9 metre well protected space besides a building and a sum of ₹ 40,000/- (Rupees forty thousand) as a matching grand** of the said project as per decision of your department in this respect.

Hope, taking all the aforesaid factors into consideration, you will comply with my request and oblige.

With regards,

Yours Sincerely,

(Dr. A.K De)

Principal





# NETAJI MAHAVIDYALAYA

AFFILIATED TO THE UNIVERSITY OF BURDWAN

ESTD--1948

ARAMBAGH \* HOOGHLY

WEST BENGAL \* PIN CODE-712601

ACCREDITED WITH B++ GRADE BY NAAC

Ref. No. Aramb/UM/Office/... 737/14-15

Date... 30/10/14

To  
The Director,  
Institute of Environmental Studies and Wetland Management  
Department of Environment, Govt. of West Bengal  
DD 24, Sector-I, Salt Lake  
Kolkata - 900064

**Sub: A prayer for installation of Rain Water Harvesting Demonstration Centre at  
Netaji Mahavidyalaya, Arambagh, Hooghly.**

Sir,

With reference to the subject cited above I like to draw your kind attention to the fact that Netaji Mahavidyalaya, Arambagh, in the district of Hooghly, West Bengal was established in the year 1948 and presently it is a very renowned college affiliated to the University of Burdwan, where more than 4000 students of various disciplines (e.g., Science, Arts, Commerce) at the undergraduate and postgraduate level including BBA, BCA are enrolled every year. Netaji Mahavidyalaya is a pioneer in the field of study of Environmental Science (both honours and general course) in undergraduate level in the University of Burdwan.

The location of Arambagh Sub-division out of four Sub-divisions of Hooghly District is the western side of this District i.e., nearer to Bankura District which is normally drought prone area. Considering the location of this college and its utilizable sufficient space, we are eager to install a Rain Water Harvesting Demonstration Centre within the college campus. I can assure you that the installation of Rain Water Harvesting Demonstration Centre in this college would be fruitful in sensitising the community towards conserving water resources. We are very much keen to launch this project as per your terms and conditions and we shall provide required well protected space besides a building.

Hope, taking all the aforesaid factors into consideration, you will comply with my request and oblige.

With regards,

Yours Sincerely,

  
30/10/14

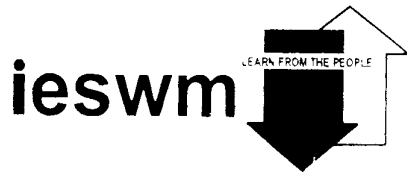
(Dr. A.K. De)

Principal

Principal

Netaji Mahavidyalaya  
Arambagh, Hooghly





**INSTITUTE OF ENVIRONMENTAL STUDIES  
AND WETLAND MANAGEMENT**

UNDER THE ADMINISTRATIVE CONTROL OF  
DEPARTMENT OF ENVIRONMENT  
GOVT. OF WEST BENGAL

B-04, LA-BLOCK, SECTOR-III, SALT LAKE CITY  
KOLKATA : 700 098

PHONE : (033) 2335-4148/4240

FAX No. : (033) 2335-0967

e-mail : wetland@iasci.01.vsnl.net.in

No. 399 - IESWM/3P-55/2014-15 (222 K)

Date: 24.11.2014

From : The Director, IESWM

To : The Principal  
Netaji Mahavidyalaya  
P.O. – Arambag  
District – Hooghly  
Pin - 712601

***Sub : Construction of Demonstrating model showing roof top rainwater harvesting system***

Sir,

This is in reference to your Letter No. Aram/NM/Office/737/14-15 dated 30/10/2014 on the stated subject.

In this regard I would like to inform you that the estimated cost for construction of each demonstrating model is Rs. 475000/- (Rupees four lakhs seventy five thousand) approximately and as per condition of this project of our Institute about 10% of the construction cost is to be shared by the concerned beneficiary (School/College/University/Other organization etc.).

If agreed upon, your consent in this context may please be communicated to this end at an early date.

Yours faithfully,

(DIRECTOR)

dc

PHONE : (03211) 255012, 255587  
Fax—03211-255619



# NETAJI MAHAVIDYALAYA

AFFILIATED TO THE UNIVERSITY OF BURDWAN

ESTD—1948

ARAMBAGH ★ HOOGHLY

WEST BENGAL ★ PIN CODE-712601

ACCREDITED WITH B++ GRADE BY NAAC

Ref. No. Aram/NM Office/...344/14-15...

Date...04-12-2014...

To  
The Director,  
Institute of Environmental Studies and Wetland Management  
Department of Environment,  
Govt. of West Bengal  
Salt Lake City, Kolkata – 700064.

**Sub: Letter of consent for providing 10% of the construction cost for establishing of roof top rainwater harvesting system demonstrating model plant.**

Sir,

In connection with your letter No. 399 – IESWM/3P – 55/2014 -15(222 K) dated 24.11.2014 I would like to inform you that our Governing Body has decided to spend 10% of the project cost of the proposed Roof top rainwater harvesting model demonstrating system on our college premises from our own fund as per your rule.

Under these circumstances, I would request you to take necessary action at your earliest. I am also requesting you to visit our college to select the suitable location of the above said project.

Soliciting your kind co-operation.

Thanking you,

Yours sincerely,

  
(Dr A. K. De)

Principal

Principal,  
Netaji Mahavidyalaya  
Arambagh, Hooghly.



2/c

PHONE : (03211) 255012 / 255587  
Fax--03211-255619



# NETAJI MAHAVIDYALAYA

AFFILIATED TO THE UNIVERSITY OF BURDWAN

ESTD—1948

ARAMBAGH ★ HOOGHLY

WEST BENGAL ★ PIN CODE-712601

ACCREDITED WITH B++ GRADE BY NAAC

Ref. No. Aram/NM/Office/... ..

Date... ..

## COMPLETION CERTIFICATE

It is certified that the construction of Demonstrating model showing roof top Rain Water Harvesting system of our college implemented by the Institute of Environmental Studies and Wetland Management under Department of Environment, Govt. of West Bengal (Sanctioned letter No. 399-IESWM/3P-55/2014-15(222 K) dated 24.11.2014) has been completed and handed over to our college on 27.04.2015.

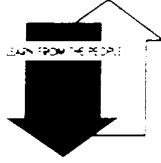


*(Handwritten signature and date)*  
27/4/15

(Dr. A. K. De)  
Principal

Principal  
Netaji Mahavidyalaya  
Arambagh, Hooghly

ieswm



INSTITUTE OF ENVIRONMENTAL STUDIES  
AND WETLAND MANAGEMENT  
DEPARTMENT OF ENVIRONMENT  
GOVT. OF WEST BENGAL  
DD-24, SECTOR-I, SALT LAKE  
KOLKATA : 700 064  
PHONE : (033) 2334-0531/0239  
FAX : 91-33-2358-0967  
E-mail : ieswm@ieswm.org  
Website : www.ieswm.org

No. 085-IESWM/3P-55/2015-16(222K)

Date: 25<sup>th</sup> June, 2015

To  
Dr. A.K De  
Principal, Netaji Mahavidyalaya  
Arambagh, Hooghly,  
West Bengal, Pin Code-712 601

Sir,

We have received a cheque bearing No.287634 dated 24<sup>th</sup> June, 2015 drawn on AXIS Bank amounting to Rs. 47,500/= (Rupees Forty-Seven thousand and Five hundred) only in favour of our Institute towards the construction costs of Rain Water Harvesting System in the college. *Receipt no. DR 10 22 24.6.15 is enclosed.*

Thanking you.

Yours faithfully,

  
(ALAK HALDAR)

Chief Administrative Officer, IESWM.

PAY Institute of Environmental Studies and Wetland Management

RUPEES Forty Seven Thousand Five hundred only  
 रुपये

₹ 47500/-

A/C NO. 364010100014298

SBTRS 364160

A/c. Payee Only

Member

Governing Body

Principal & Secretary

Payable at par at all branches of Axis Bank Ltd in India.

Netaji Indira Jyotsyaba  
 Grambadh, Hooghly

Netaji Indira Jyotsyaba  
 Grambadh, Hooghly

⑈ 287634 ⑈ 7122110021 ⑈ 364160 ⑈ 31

**INSTITUTE OF ENVIRONMENTAL STUDIES AND WETLAND MANAGEMENT**

DD-24, SECTOR-I, SALT LAKE, KOLKATA - 700 064

**332**

No. ....

Date.....201

Received with thanks from.....

A. K. De. (principal)

In payment of our Bill No.....

034-IESWM/3P-55/2015-2016  
 Dated: 22.2.15

Netaji Mahavidyalaya  
Arambagh, Hooghly

On Account of.....  
Matching grants  
RWH-WB. project.

the sum of Rupees.....

Forty Seven Thousand  
Five hundred only

Mode of payment : Cash/M.O./Cheque/D.D. No.....

287634

Rs.....

47,500/-

.....only

Drawn On.....

AXIS Bank

Dated.....24.06.2015

Banika  
25.6.15  
 Cashier

B. Jyoti  
 Chief Administrative Officer