

Nabadwip Vidyasagar College



CRITERION-VII

7.1.2: The Institution has facilities and initiatives for the following

7.1.2.

1. Alternate sources of energy and energy conservation measures

The college uses solar energy Power Unit as an alternative source to satisfy the partial requirement of the day to day needs of the college. The college gets 20 KVA= 1600 watt energy from the solar power in a week. This unit normally fulfil our requirement of 1040 KVA i.e. 54,080 watt in a single year (Formula: 20KVA * 52 weeks= 1040KVA in a year & 1600watt * 52 weeks= 54,080 watt in a year). The solar power units are maintained and monitored regularly. The college also makes use of LED lights and bulbs to minimise the power consumption of the electricity.





Nabadwip, West Bengal, India

C957+8W6, Nabadwip, West Bengal 741302, India

Lat 23.40792°

Long 88.364769°

16/12/21 02:28 PM



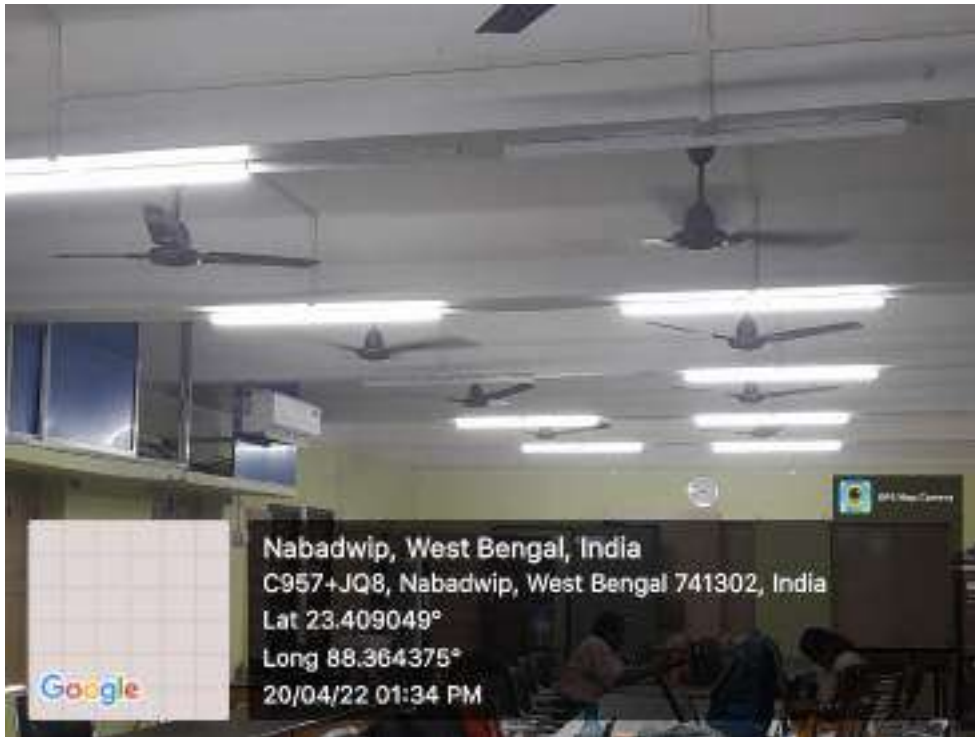
Nabadwip, West Bengal, India

C957+JQ8, Nabadwip, West Bengal 741302, India

Lat 23.409049°

Long 88.364375°

20/04/22 01:42 PM





Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302, India
Lat 23.409049°
Long 88.364375°
20/04/22 01:31 PM



Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302, India
Lat 23.409049°
Long 88.364375°
20/04/22 01:31 PM

2. Management of the various types of degradable and non-degradable waste





Nabadwip, West Bengal, India
C957+JQB, Nabadwip, West Bengal 741302,
India
Lat 23.408138°
Long 88.364432°
25/03/22 12:23 PM GMT +05:30



Nabadwip, West Bengal, India
C957+JQB, Nabadwip, West Bengal 741302,
India
Lat 23.408138°
Long 88.364432°
25/03/22 12:26 PM GMT +05:30



Nabadwip, West Bengal, India
C957+JQB, Nabadwip, West Bengal 741302,
India
Lat 23.408138°
Long 88.364432°
25/03/22 12:27 PM GMT +05:30



Nabadwip, West Bengal, India
C957+JQB, Nabadwip, West Bengal 741302,
India
Lat 23.408138°
Long 88.364432°
25/03/22 12:25 PM GMT +05:30



 Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.364432°
24/03/22 02:53 PM GMT +05:30



 Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.364432°
24/03/22 02:52 PM GMT +05:30



Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.364432°
24/03/22 02:48 PM GMT +05:30



Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.364432°
24/03/22 02:49 PM GMT +05:30



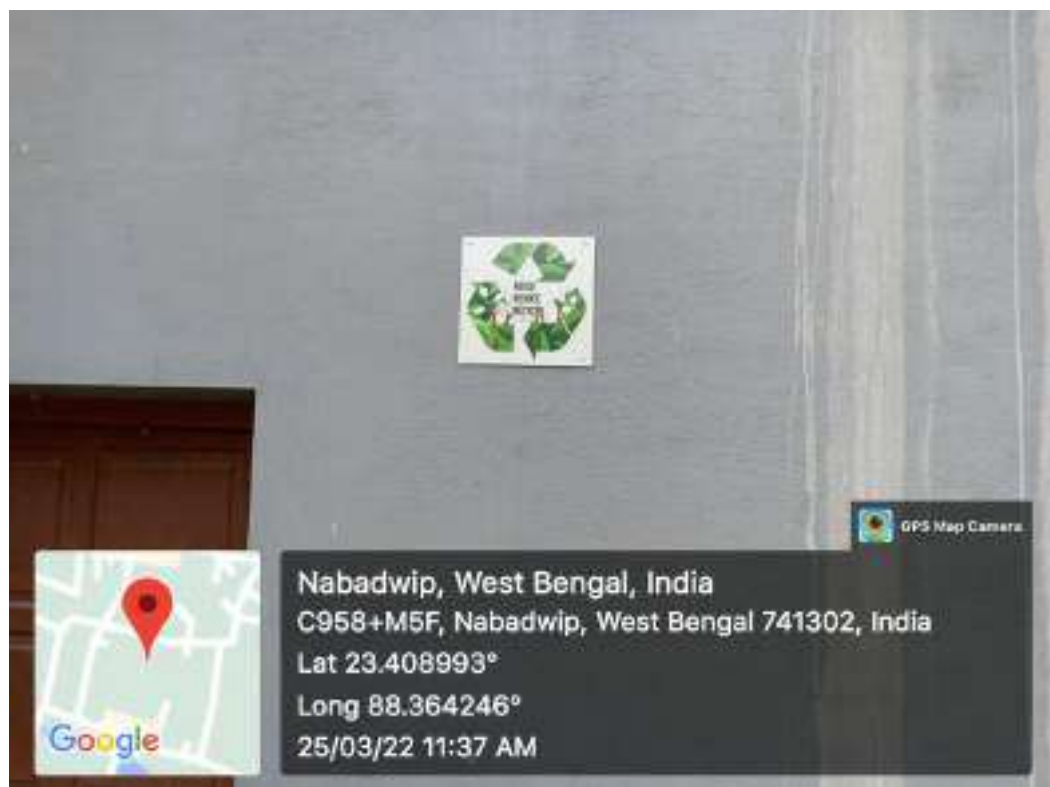
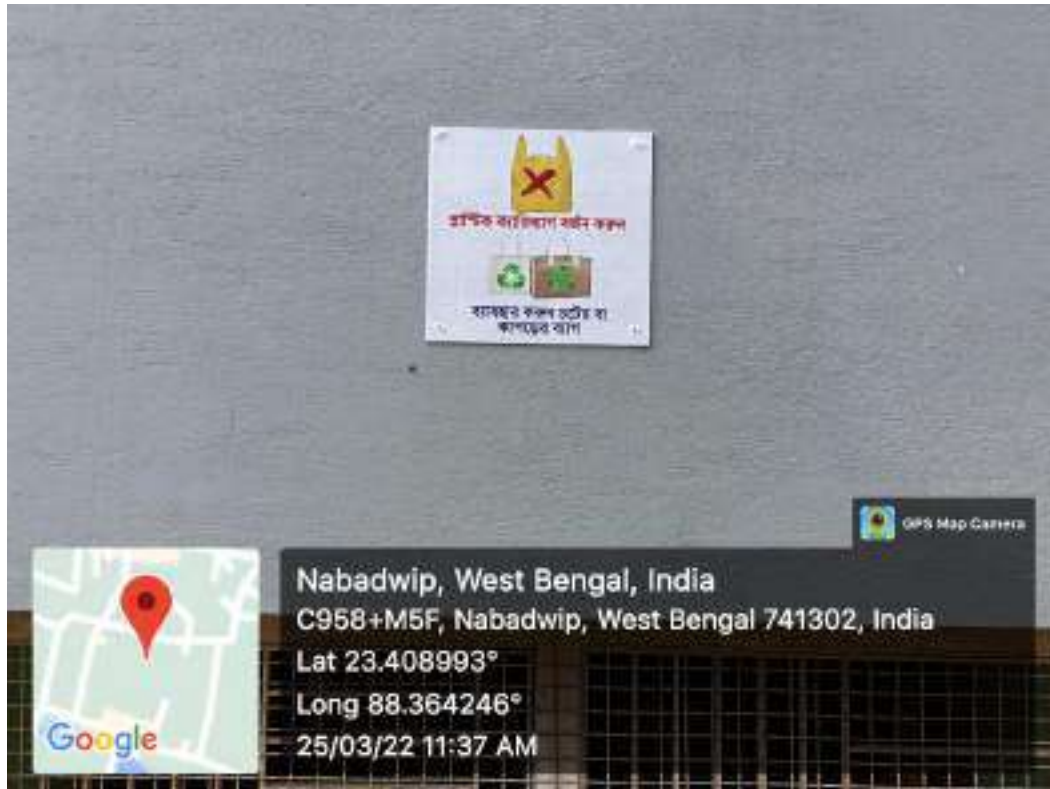
Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.364432°
24/03/22 02:47 PM GMT +05:30

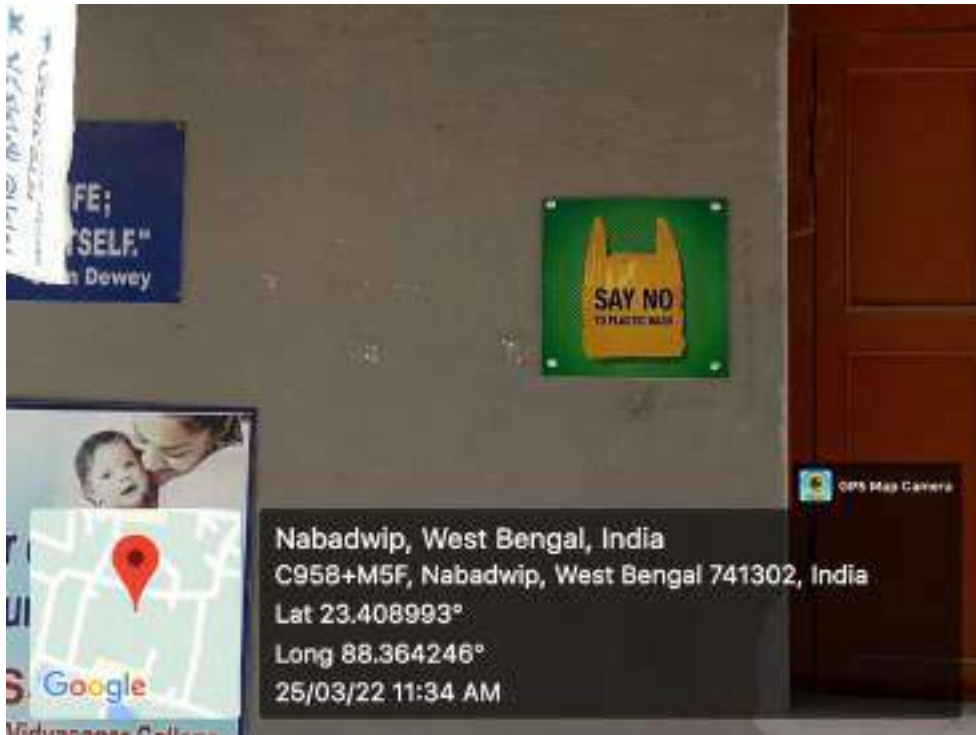


Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.364432°
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3. GREEN CAMPUS INITIATIVES

Plastic free Campus







Nabadwip, West Bengal, India
 C958+M5F, Nabadwip, West Bengal 741302, India
 Lat 23.408993°
 Long 88.364246°
 25/03/22 11:34 AM



Nabadwip, West Bengal, India
 C958+M5F, Nabadwip, West Bengal 741302, India
 Lat 23.408993°
 Long 88.364246°
 25/03/22 11:34 AM

GREEN CAMPUS





Medicinal Garden

Medicinal plant gardens are primarily focused on the conservation, cultivation and educational activities related to medicinal plant species. Nabadwip Vidyasagar College has its own medicinal garden decorated with various valuable medicinal plants like lemon grass, alovera, pudina, tulsi, shotomuli, sarpagandha, basak, ashwagandha, kalmegh. It is a well maintained garden that spread the knowledge and importance of medicinal values of various plants among the students.





4. Disabled-friendly, barrier free environment





Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.964432°
25/03/22 12:23 PM GMT +05:30



Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.964432°
25/03/22 12:29 PM GMT +05:30



Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.964432°
25/03/22 12:29 PM GMT +05:30



Nabadwip, West Bengal, India
C957+JQ8, Nabadwip, West Bengal 741302,
India
Lat 23.409138°
Long 88.964432°
25/03/22 12:30 PM GMT +05:30



Nabadwip Vidyasagar College

NABADWIP, NADIA

Date. 26-4-17

Ref.No. G/NXL/Govt./2/2017-18

To
Shri Sobhandeb Chattopadhyay
Minister-in-charge,
Department of Power &
Non Conventional Energy Sources,
Govt. of West Bengal,
Bidyut Unnayan Bhavan,
3/C, LA Block, 5th Floor,
Sector-III, Salt Lake City,
Kolkata-700098

Sub: - Prayer to install Solar Panel on the college building.

Sir,

I have the honor to inform you that, our college established in 1942 has become a flourishing and glorious institution in the district of Nadia by producing a lot of qualified students both in U.G. and P.G., who are in abroad also. Till now we are maintaining its glory by affording standard teacher, effective practical classes, use of projection classes and cordial atmosphere. At present we are facing a lot of problem to maintain the electricity cost (approximately 50,000.00 per month) of our college which has nearly 50 specious rooms. Our College having more than 250 sunny days in a year and a wide top roof is quite an appropriate place to install Solar Energy System. It will make us consume less electricity and benefit us from the problem of frequent power cut. Under the circumstances, I earnestly request you to visit our College and kindly grant the installation of Solar Panel in our College for the benefit of our students. It's our heartiest urge.

Yours faithfully

Arun Kr. Mandal
26.4.17

Arun Kumar Mandal
Teacher-in-charge,
Nabadwip Vidyasagar College,
Nabadwip, Nadia

Teacher-in-charge
Nabadwip Vidyasagar College



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

Name of the Work : Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of 450 nos. Rooftop Grid Connected Solar PV Power Plants each of array capacity 10 kWp & 50 nos. Rooftop Grid Connected Solar PV Power Plants each of array capacity 20 kWp on turnkey basis at various locations of West Bengal

Certified that a Grid Connected SPV Power Plant of array capacity **20 kWp** has been installed at the site **Nabadwip Vidyasagar College** in **Nadia** District of West Bengal, which has been installed by M/s Larsen & Toubro Limited on **10.08.2020** The system is as per BIS/MNRE specifications. The system has been checked for its performance and commissioned on **26.02.2022** with/without installation of bi-directional meter and it is working satisfactorily.

Swapan Kumar 23.03.2022

Signature of the Beneficiary

Principal
Nabadwip Vidyasagar College
Nabadwip, Nadia, W.B.

Signature of the L&T Representative

Name:

Date:

Signature of the PO/APO
With name, seal and date

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)
- b)
- 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 executing agency)</p>
<p>Witness (On behalf of executing agency)</p> <p>Signature: Name:</p>	<p>Witness (On behalf of WBREDA)</p> <p>Signature: Name:</p>
<p>Handed over to Beneficiary Organization by WBREDA</p> <p>(On behalf of WBREDA)</p>	<p>Taken over by Beneficiary Organization from WBREDA</p> <p style="text-align: center;">Swapan Kumar Roy 03.03.22</p> <p style="text-align: right;">Principal Nabadwip Vidyasagar College Nabadwip, Nadia, W.B.</p> <p>(On behalf of Beneficiary Organization)</p>
<p>Witness (On behalf of WBREDA)</p> <p>Signature: Name:</p>	<p>Witness (On behalf of Beneficiary Organization)</p> <p style="text-align: center;">  Signature: Name: DIPANJAN GHOSH </p>

WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY

Project: School/Bldg. Energy Efficient (SEI) Project
 SAIL No. WBEDA/00051

Inspection Report of 10 kW/20 kW Grid Connected Rooftop Solar PV Power Plant under 900 Schools & 100 Colleges Programme

- Name of School
- Address
- Contact No. of School Authority
- Executing Agency
- Date of Inspection

Nabadwip Vidyasagar College
 Nabadwip, Dist Naldia PIN-741302
 Dr Swapan Kumar Roy (Principal) (9800155155) Pijush Bhadra.
 M/s LAT Construction
 Latitude: 23.4093 N Longitude: 88.3643 E
 01/10/2021

Sr. No.	Description of Materials	Material/Brand supplied by the Vendor	Capacity/Rating/Size/Number	No. Qty/Set	Nos.	Remarks
1	Solar PV Module	Adani / Solonik	325 Wp	31 / 62	Nos	yes
2	Module Nut, Bolt and Washer	Uniteko/TVS/Hammer/Master/HRS		166 / 336	Nos	yes
3	Module Nut, Bolt and Washer	Stainless Steel		124 / 248	Nos	yes
4	Anchor Fastener	Hilti Chemical	HIT RE-500 V3	24 / 48	Nos	yes
5	Grid Connected String Inverter	Megamic	10 kVA / 20 kVA	1	Set	yes
6	Remote Monitoring System & Data Logger			1	Set	yes
a) Leg (RL): 65 x 62 x 5 mm : 651 mm b) Bracing (RZ): 45 x 45 x 5 mm : 675 mm c) Rubber (R2): 65 x 65 x 5 mm : 1350 mm d) Purin (F4): 45 x 45 x 5 mm : 4370 mm e) Cleat: 50 x 50 x 6 mm : 60 mm		Rolling Mill: KL Sons / BSPL	Leg: 65 x 45 x 5 x 871 mm Bra: 45 x 45 x 5 x 675 mm Raf: 65 x 45 x 5 x 1352 mm Pur: 45 x 46 x 5 x 4671 mm Cleat: 50 x 50 x 6 x 60 mm	18 48 48 32 96	Nos Nos Nos Nos Nos	All members embraced as KL Sons No scope for checking as already installed

Print

Signature of Contractor's Representative with Seal

Signature of School/College Authority with Seal

DILIP KUMAR HAZRA
 Supervisor, WBEDA
 Signature of WBEDA Representative with Seal
 Govt. of West Bengal
 01/10/2021

Sl. No.	Description of Material	Manufacturer / Brand	Capacity / Rating / Size / Number	Unit	Quantity	Remarks
7	DC Fuse (1000V, 15A)	SIFCO	15 1000	A V	✓	Yes
	SPD (Type-2-1000V)	JIA	Type II V KA 1000 20	V KA	1 1 x 250	Yes
8	Enclosure (16SWG MS Sheet make (Wall Mounted) Protection Class : IP 30)	L&T	L: 350 B: 350 H: 200	mm mm mm	1	Yes
	MCE	L&T	I: 32 / 63	A	1	Yes
	SPD (AC Type-2-600V)	Mansen	STPT/2-40KA 440V-4P		1	Yes
	Indicator		R-Y-B		2	Yes
9	Enclosure (16SWG MS Sheet make (Wall Mounted) Protection Class : IP 30)	LS Power Control Pvt. Ltd.	L: 350 B: 350 H: 200	mm mm mm	1	Yes
	MCE	L&T	32A / 63A, 415 V, 4P		1	Yes
	Cable-tyer (200mm)		25 x 3mm		1	Yes
	Indicator		R-Y-B		5	Yes
10	Export-Import Whole Current Energy Meter	Secure-Sprint 350	(5-30)	A	1	Yes
		L&T	(5-30)	A		
		HPL	(10-60)	A		

Dehri

Signature of Contractor's Representative with Seal

Ashok Singh

Signature of School/College Representative with Seal



AS 33 01/10/21

UNIL HAZRA
SEDA

Signature of WSEDA Representative with Seal

01/10/21

Sr. No.	Description of the things	Material Brand supplied by the Vendor	Capacity/Quantity/Size/Model	No. Qty/Set	Remarks	
a	DC Cable : PV-1F / 2 PIP 118635 2007 - VDE Standard & PV-01-2008-42 / EN Standard or equivalent SS Cable Tie Thickness : 6-8.5mm Width : 5mm	Apar / KEI / Polycab / Reichem	1C x 4	1 sqmm	Lot	yes
b	AC Cable (From Inverter → IP → EM → to GFI → Point of Common Coupling)	For 6sqmm - Apar / Polycab / KEI / KECLAPP For 10sqmm - Apar / Polycab / KEI	4C x 6 / 4C x 10	1 sqmm	Lot	yes TOT 10 From Inv to IP 27 mts Mr.
c	Earthing Cable XLPE 4C x 10 Sqmm Al. armoured cable (Earth Electrode to Earth Bus)	KEI / Polycab / Mescab / KEG	4C x 10	1 sqmm	Lot	yes
	Earth Bus : 50X5 mm Aluminium		Near Parapel: 1 No Near Kiosk: 1 No Ground Floor: 2 Nos	4	Nos	yes
	Array Structure & AIS Earthing: 1C x 2.5 sqmm flexible Cu Cable	Polycab / KEI		1 sqmm	Lot	yes
	Equipment Earthing - Earth Bus to Inverter & IP: 1C x 6 sqmm flexible Cu Cable	Polycab / KEI		1 sqmm	Lot	yes
	GFI Earthing - Ground floor Earth Bus to GFI: 10SWG GI Wire		10SWG GI Wire	1	Lot	yes
12	Earth Electrode GI Pipe TATA / SAIL make	TATA / SAIL	L : 3 D : 50 T : 3.54	4	Nos	yes As scope for checking as already installed.
13	Earth Pit Details Size of Pit		600 x 600 x 500		mm	yes
	Nos of Pit		4		Nos	yes
	Size of Inspection Cover	Cast Iron	300 x 300		mm	yes

Rehaz

Signature of Contractor's Representative with Seal

As per Dy

Signature of School/ College



01/10/21
DILIP KUMAR HAZRA
 Supervisor, WBREDA
 Signature of WBREDA Representative with Seal
 Govt. of West Bengal

S. No	Equipment/Item	Manufacturer/Supplier	Capacity/Weight	Quantity	Remarks	
15	Automatic Dispenser	ACP Bottle 3 x 2 lit	Eng. Co.	1	Yes	
16	Safety Signage	ACP Base 6 x 4.5 inch	AI Arjay Field	2	Yes	
		Sticker 6 x 4.5 inch	Non-Kinzel Inverter	1	Yes	
		Sticker 6 x 4.5 inch	On A/JB	1	Yes	
		Sticker 6 x 4.5 inch	On HP	1	Yes	
		Sticker 6 x 4.5 inch	On EIA	1	Yes	
		Sticker 6 x 4.5 inch	On GIP	1	Yes	
17	Fire Fighting System	Fire Extinguisher	Safeprof/Kanex/Ultrafire	1	Yes	
		Fire Bucket		Capacity 10 Lt. (MS Sheet)	4	Yes
		Holding stand. Provision for hanging 4 buckets		Durable Tier	1	Yes
18	Lighting Arrangement	35Watt CFL/ Tube Light	35W - CFL/ Tube Light	1	Yes	
19	Kiosk	Kiosk Structure	L: 1512 x B: 480 x H: 1165 mm	1	Set	
			Flat Size: 25 x 3 mm			
			Angle Size: 25 x 25 x 3 mm			
			Wire Size: 12 SWG			
		Mesh Gap: 25 x 25 mm				
20	PV Array Cleaning System	Mug	Plastic Mug	2	Yes	
		Wiper	Wiper	2	Yes	
		Bucket	Bucket - 10 Lt.	2	Yes	

(*) Net mesh not installed.

Signature of School Representative with Seal

Signature of School College



Signature of WBREDA Representative with Seal

01/10/21

STAR ELECTRONICS

Beledanga More ○ Krishnagar ○ Nadia.

Phone : (03472) 325242 ; Mobile : 9333414069

GST Regn. No. - 19ANOPR5904M275

Bill Rem. No. 458 dt. 17.08.22

Date 16/08/2022

Buyer's Name Nabadwip Vidyasagar College
 Address Nabadwip, Nadia
 Buyer's VAT No. _____

Qty.	Description of Goods	Sl. No.	Rate	Amount	
				Rs.	P.
1	Mickamal Injection Wastabin Blue and Olive green	06 Pcs	4000/-	20,338	98
02	Wastabin (30ml)	53 Pcs	1100/-	49,406	72
Recommended for Payment of Rs. <u>82300/-</u> Bursar Nabadwip Vidyasagar College dt. 18.08.22				Total : <u>89,745</u> / 75 GST @ 18% : <u>12,554</u> / 24 Grand Total : <u>82,300</u>	

Rupees in word Eighty Two Thousand
Three hundred only

Buyer's signature with date

B.N. 7.08.22
 Accountant
 Nabadwip Vidyasagar College

Principal
 Nabadwip Vidyasagar College
 Nabadwip, Nadia- 741302

Bill Refn. No. 555 dt. 16.09.22

BILL

Mob. : 9732068155 / 9434582478

NETAJI KRETA SAMABAY SAMITY LTD.

SURI, SEHARAPARA, BIRBHUM

Regd. No. : 2/99

PAN No. : AAAAN6713C

GST IN - 19AAAAN6713C1ZU (Composition)

E-mail : nkssltd@gmail.com

Date 12-09-2022

No. : **310**

To The Principal

Nabadwip Vidya Sagar college Nabadwip, Nadia

NVC/PO/CF/NT/22-29/22

Order No. & Date

31.8.22

Challan No. & Date

Sl No.	DESCRIPTIONS	QUANTITY	RATE	AMOUNT Rs.	P.
1.	Wheel chair	1 pc	5300 ~	5300 ~	
2.	Stretcher	1 pc	2500 ~	2500 ~	
Recommended for Payment of Rs. <u>7800/-</u>		Pay Rs. <u>7800/-</u>			
<p><i>(Signature)</i> Director 16/09/2022 Nabadwip Vidyasagar College</p>		<p><i>(Signature)</i> Principal 16.09.22 Nabadwip Vidyasagar College Nabadwip, Nadia - 741302</p>			
<p><i>(Signature)</i> B. K. 16.09.22 Accountant Nabadwip Vidyasagar College</p>		<p><i>(Signature)</i> 1343 dt. 16-09-22 (NEFT)</p>			
<p><i>(Signature)</i> P. Phad 15-9-22</p>					
TOTAL				7800.00	

Bank Details :

Bank Name & Branch :

INDIAN OVERSEAS BANK, SURI BRANCH

A/C. No. : 223802000000157

IFS Code : IOBA0002238

Branch MICR : 731020302



(Signature)
For Netaji Kreta Samabay Samity Ltd.

TAX INVOICE
HULLADEK RECYCLING PVT LTD
 4 DL Khan Road, 4th Floor,
 Kolkata - 700025
 GSTIN : 19AADCH4384E1Z1

BILL TO
 Company Name :- Nabadwip Vidyasagar College
 Address :- C957+PQ2, Pacca Tole, Road, Nabadwip, West Bengal 741302
 GSTIN :- N/A
 State Code & Name :- 19 & West Bengal

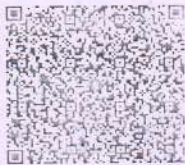
Invoice Date : 09-12-2022
 Invoice No : 319
 Pay Terms & Due Date :- N/A
 State Name : West Bengal
 Code 19

SL.No.	Item Description	SAC Code	UOM	Details	Rate	GST	Amount
1	Waste Preparation, Consolidation and Storage Services	999431	-	Rent of E-Waste Bin, Fee for Awareness Sessions & Training and Awareness Report for 5 Years	₹ 4,000.00	18%	₹ 20,000.00
2	Waste Preparation, Consolidation and Storage Services	999431	-	Compliance Fees for Form 2 & Form 3 - Annual Return, Response for Query Letters, Show cause letters, Notices etc. for e-waste Management for 5 Years	₹ 3,000.00	18%	₹ 15,000.00

Gross Amount	₹ 35,000.00
Add : CGST @ 9%	₹ 3,150.00
Add : SGST @ 9%	₹ 3,150.00
Add : IGST @ 18%	₹ 0.00
ROUND OFF	₹ 0.00
NET AMOUNT	₹ 41,300.00

Amount In Words
 Rupees FortyOne Thousand Three Hundred Only

Company's Bank Details
 KOTAK MAHINDRA BANK, BALLY HIGH BRANCH
 A/c no : 3012013723
 IFSC CODE : KKBK0000325
 UPI ID : Q588021068@ybl



"Payment can also be made through Bank Transfer, UPI ID or UPI QR Code."

Note:-
 As per Section 194C, 2% TDS is applicable on Aggregate Limit on & above of 1 Lakh or Invoice value greater than Rs.30000/-.

1. Payment by NEFT/IMPS or via Cheques only.
2. Interest@18% p.a shall be charged on overdue bills.
3. Once goods sold/services rendered will not be entertained.

Subject to Kolkata Jurisdiction

Authorized Signatory