# 7.1.2 The institution has facilities for alternate sources of energy and energy conservation measures

7.1.2.1	Solar Energy
7.1.2.2	Bio Gas Plant
7.1.2.3	Sensor based energy conservation
7.1.2.4	Usage of LED bulbs

V. PRINCIPAL

Santhiram Engineering College Nandyal,Kurnool(Dt.),A.P

7.1.2.1 Solar Energy July ? ? . GPS 40 nthiram SANTHIRAM ENGINEERING COLLEGE: NANDYAL, Andhra Pradesh, India Colleg Solar Energy Lat 15.503972° Long 78.374693° Google 21/08/21 02:56 PM and the second Fig: 15W Capacity of Solar LED street light

V. Santhiram Engineering College Nandyal,Kurnool(Dt.),A.P

7.1.2.2 Bio Gas Plant

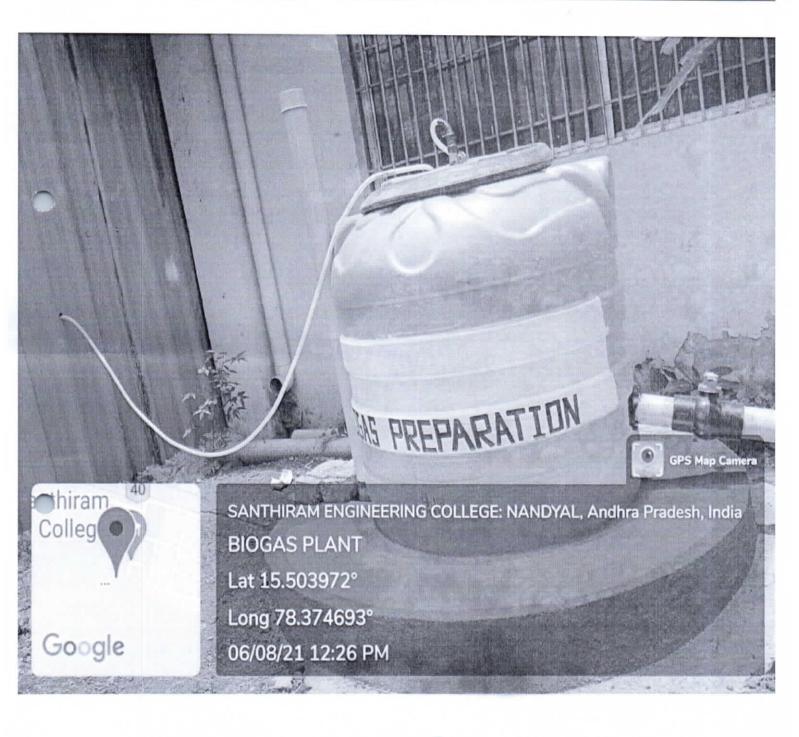
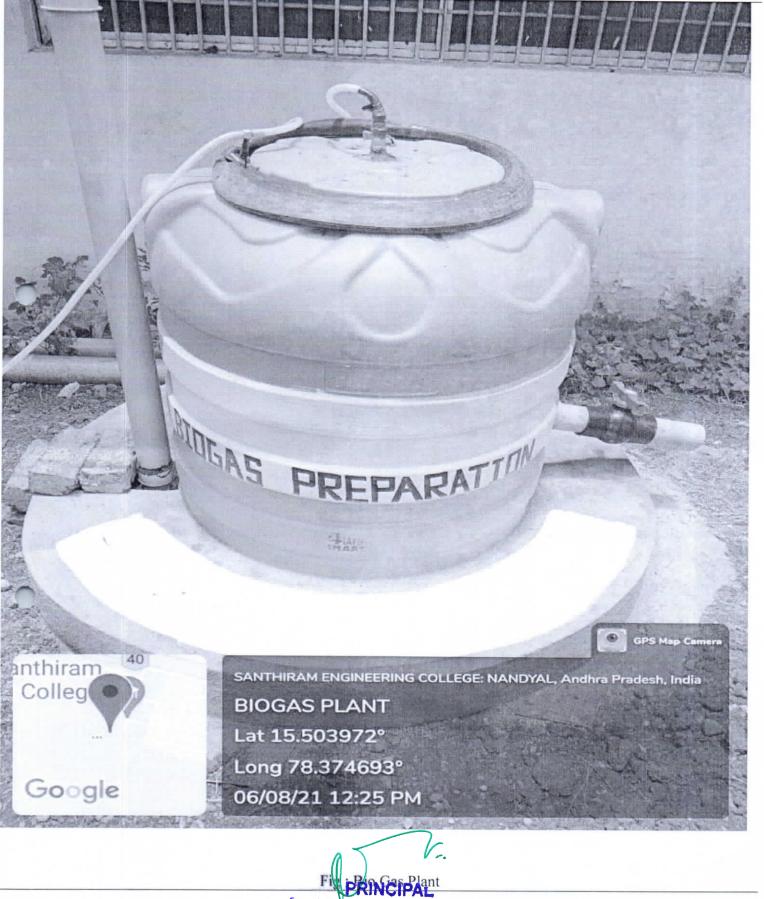
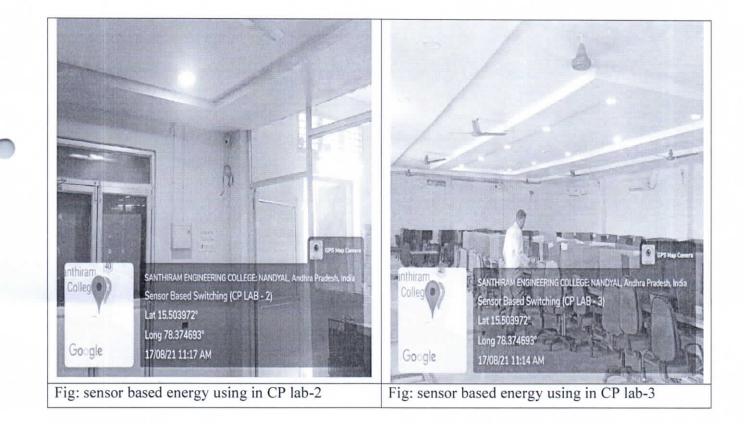


Fig: Bio gas preparation PRINCIPAL Santhiram Engineering College Nandyal, Kurnool(Ot.), A.P



Santhiram Engineering College Nandyal,Kurnool(Dt.),A.P

## 7.1.2.3 Sensor based energy conservation



V.. PRINCIPAL Santhiram Engineering College Nandyal,Kurnool(Dt.),A.P

# 7.1.2.4 Usage of LED bulbs



Fig: LED's equipped in ceiling of the ELCS Lab

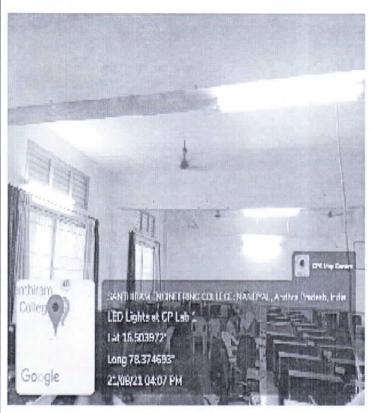


Fig: LED's equipped in ceiling of the CP LAB - I

V. RINCIPAL Santhiram Engineering College Nandyal,Kurnool(Dt.),A.P

## 7.1.2: Relevant Information Content

01	Solar LED Street Light Bill
02	Bio-Gas Plant Installation Bill
03	Sensor based energy conservation Bil
04	LED Purchase Bills

V..

PRINCIPAL Santhiram Engineering College Nandyal,Kurnool(Dt.),A.P





Manufacturing Unit: Plot No. 141, IDA Bollaram, Hyd – 502325 Ph No: 040-48520535, Cell: 8978411278, 9618600247.

Consi	gnee:		Invoice No: JSOL-803/14-19							
	ram Engineering College, Nandya		Dated: 10-02-2014							
	al-518501, Kurnool (D), A.P.	л, мн <del>ч</del> о,	Customer PO No:							
	jasekhar		Dispatch Document No: 1054							
99493	-		Dispatch blocument No. 1054 Dispatch through: Sri Sai Courier & Cargo Ser							
			Terms of Delivery: Immediate							
CNIC	DESCRIPTION OF GOODS			Net Price Per Unit	Net Total					
S.No.	DESCRIPTION OF GOODS	HSN CODE	Quantity	Rs.	Rs.					
1	1EW/ Salar lad streat (Lijan		2							
1.	15W Solar led street (Li ion battery, 5 meters pole with 2 years warranty and installation including civil works)	90106000	2	14,500.00	29,000.00					
					25,000.00					
	Frieght Charges				800.00					
Amou	nt (in words): INR Twenty Nine 1	Chousand Eig	zht	TOTAL Rs.	20 800 00					
	ed Only		5111	TOTAL KS.	29,800.00					
	Instructions:		F	or JIGHI SOL Systems Pu	t. Ltd					
				Authorized Signator	Star -					
	T TO TERMS & CONDITIONS ON RESERV	/E E.& O.E.		ve equipment has been rec	1 A A					
GST NO CIN: U7	ADCA1431B : 36AADCA1431B1ZH 4999TG2000PTC035033 CODE: 36	PRI Banthiram Er		satisfactory working cond d designation of the receiv ollege seal and date						
ORIGIN	AL [ ] DUPLICATE [ ] FILE [ ] ACCOUNTS	Nandyal,K	UTOOIDL	JA.P						



# VNS ENVIRO BIOTECHQ PVT LTD.

Registered Office : No.20, Ganesh Hagar, T Main Road, Madipakkam, Chennal - 600 091, Tamilnadu, India Tel. : 91-44 65392874, 42833863 Email : info@vnsenviro.com web : www.vnsenviro.com | www.vnsenviro.org

### Bill no: 4536

Date: 25-02-2020

To

The Principal

Santhiram Engineering College

Nandyal, Andhrapradesh

S.No	Particulars	Cost (Rs.) per Plant			
1	2.0M <sup>3</sup> /Day Biogas Plant -FRP Water scal model	an a fai a dha an an ann an an an an an an an an an a			
2	Biogas Burner - Single Stove [1 No.]	- 36,575.00			
3	Nylon threaded gas hose pipeline connection & Ball valve connection (Up to 5 meters maximum)				
4	Installation and commissioning				
	GST(5%)	1925.00			
Total .	Amount in words (Thirty eight thousand five hundred only)	38,500.00			

#### COMMERCIAL TERMS:

PRICE: Inclusive of installation and commissioning charges.

SCOPE: All the equipment will be crected by our Engineer; and shall train your team for a period of 2-3 days to familiarize operation. As a buyer, you will have to arrange -

- Foundations / Excavation of land required for positioning of Biogas Plant at site
- Water Line to Biogas Plant for feeding; and
- Initial cow dung feeding to biogas plant for First gas generation

**Guarantee:** The equipment being supplied are guaranteed against manufacturing defects and faulty workmanship for a period of 8 months from the date of erection and handing over of plant or 12 months from the date of supply of items at site, whichever occurs earlier. Our liability will be restricted to repairs and replacement of defective parts only.

We hope, our offer meets with your requirement; and in case you require any further clarification / confirmation, we shall provide the same on hearing from you.

For VNS ENVIRO BIOTE CHO PV S!Nagarajan, imodipakkan Chief Executive Of Mobile # 993219845 2001-600<sup>C</sup>

Santhiram Engineering College VNS CARGA HUNG NO COLOGE For EFFLUENT, SOLID WASTE, BIOGAS PLANT & WATER TREATMENT

NCIPAL



### Tax Invoice/Bill of Supply/Cash Memo

(Original for Recipient)

### Sold By :

BLACKT ELECTROTECH \* TCI Supply Chain Solutions, Near Khapri Village, MADC, Near Khapri Village, MADC Nagpur, Maharashtra, 441108IN

### Billing Address : PRINCIPAL SANTHIRAM ENGINEERING COLLEGE, Nandyal NANDYAL, ANDHRA PRADESH, 518501

IN State/UT Code: 37

PAN No: BWNPD2719K GST Registration No: 27BWNPD2719K1ZA

Order Number: 404-3786472-3056854

Order Date: 21.03.2020

Shipping Address : PRINCIPAL

PRINCIPAL SANTHIRAM ENGINEERING COLLEGE, Nandyal NANDYAL, ANDHRA PRADESH, 518501 IN

### State/UT Code: 37

Place of supply: ANDHRA PRADESH Place of delivery: ANDHRA PRADESH

Invoice Number : NAG1-613

Invoice Details : MH-NAG1-141883061-2122 Invoice Date : 21.03.2020

SI. No	Description	Unit Price	Qty	Net Amount	Tax Rate	Tax Type	Tax Amount	Total Amount
1	Blackt Electrotech(BT31MT): Microwave/Radar Sensor Light Switch Occupancy Body Motion Detector (Microwave Thin Round type)   B07FDVY9HR ( BT-31MT ) HSN:9023	₹632.20						₹746.00
то	DTAL:						₹113.80	₹746.00
Ar	nount in Words:							

### Seven Hundred Forty-six only

### For BLACKT ELECTROTECH:

BILDehekar ----

Authorized Signatory

Whether tax is payable under reverse charge - No

\*ASSPL-Amazon Seller Services Pvt. Ltd., ARIPL-Amazon Retail Ind of availing input GST credit are requested to create a Bus Santhiram Engineering College Nandyals, Kourno doi 10 L. J. A. P

Page 1 of 1



## Tax Invoice/Bill of Supply/Cash Memo

(Original for Recipient)

### Sold By :

iota international \* B-32 G/F EAST UTTAM NAGAR NEW DELHI, B-32 G/F EAST UTTAM NAGAR NEW DELHI NEW DELHI, DELHI, 110059 IN

### Billing Address : PRINCIPAL SANTHIRAM ENGINEERING COLLEGE, Nandyal NANDYAL, ANDHRA PRADESH, 518501 IN State/UT Code: 37

PAN No: AAYPM2153Q GST Registration No: 07AAYPM2153Q1ZU

Order Number: 404-3640704-2073929

Shipping Address : PRINCIPAL PRINCIPAL SANTHIRAM ENGINEERING COLLEGE, Nandyal NANDYAL, ANDHRA PRADESH, 518501 IN State/UT Code: 37 Place of supply: ANDHRA PRADESH Place of delivery: ANDHRA PRADESH Invoice Number : IN-7462

Invoice Details : DL-1299560235-1242 Invoice Date : 15.01.2020

SI. No	Description	Unit Price	Qty	Net Amount	Tax Rate	Тах Туре	Tax Amount	Total Amount
1	iota SQR-117 220v -110 DB Plastic Hooter Security Alarm for Bank Loud Sound (Large, Black)   B0865H5Q5F ( iotaSQR-117 (220v) ) HSN:8531	₹635.59						₹750.00
то	TAL:						₹114.41	₹750.00

## Amount in Words:

Order Date: 15.01.2020

### Seven Hundred Fifty only

For iota international:

nakh

Authorized Signatory

Whether tax is payable under reverse charge - No

IC. RINGPALAmazon Retail India Pvt. Ltd. fulfillment center is co-located) \*ASSPL-Amazon Seller Services Pvt. Ltd., ARIPL-Amazon Ret

Customers desirous of availing input GST credit are Santhiram Engineering Collegenazon.in/business from Business eligible offers



## Tax Invoice/Bill of Supply/Cash Memo

(Original for Recipient)

### Sold By :

BLACKT ELECTROTECH \* Sy No. 524/1,2,3,4,6, 525/1,2,3,4,5,6, 526/3,4,5,6,527 of madivala village, and Sy no.51/1 of thatanahalli village, kasaba hobli, anekal taluk, Bangalore urban district Bangalore, Karnataka, 562107 IN Billing Address : PRINCIPAL SANTHIRAM ENGINEERING COLLEGE, Nandyal NANDYAL, ANDHRA PRADESH, 518501 IN State/UT Code: 37

PAN No: BWNPD2719K GST Registration No: 29BWNPD2719K1Z6

Order Number: 404-3694653-2073954

Order Date: 16.01.2020

Shipping Address : PRINCIPAL PRINCIPAL SANTHIRAM ENGINEERING COLLEGE, Nandyal NANDYAL, ANDHRA PRADESH, 518501 IN State/UT Code: 37

Place of supply: ANDHRA PRADESH Place of delivery: ANDHRA PRADESH

**Invoice Number :** BLR7-7482

Invoice Details : KA-BLR7-141883061-1322

Invoice Date : 16.01.2020

SI. No	Description	Unit Price	Qty	Net Amount	Tax Rate	Тах Туре	Tax Amount	Total Amount
	Blackt Electrotech Plastic Microwave/Radar motion Sensor Occupancy Body Motion Detector (White)   B01KMF8ZHC ( BT-16CAB ) HSN:8541							₹1,572.00
то	TOTAL:							₹1,572.00

### Amount in Words: One Thousand Five Hundred Seventy-two only

### For BLACKT ELECTROTECH:

BILD thekato--

Authorized Signatory

Whether tax is payable under reverse charge - No

RINCIPAP Amazon Retail India Pvt. Ltd. fulfillment center is co-located) \*ASSPL-Amazon Seller Services Pvt. Ltd., ARIPL-Amazon Re

Customers desirous of availing input GST credit are Santhiram Engineering Collegenazon.in/business from Business eligible offers

Tax Invoice

69

(ORIGINAL FOR RECIPIENT)

all the	Devi Electronics			oice No.		Dat					
201	2-471, Near Balaji Kalyanamandapam, Balaji Complex,			/1990-			an-20				
DA S	Nandyal		Delivery Note				Mode/Terms of Payment				
2 Salaria	GSTIN/UIN: 37BXGPS0881P1ZM State Name : Andhra Pradesh, Code : 37 Contact : 9440420251		Su	pplier's l	Ref.		Credit Other Reference(s)				
	E-Mail : devielectronics52@yahoo.com		Bu	yer's Or	der No.	Da	ted				
	ENGANEERING COLLEGE		Du.	yere en							
ANDYAL State Name	: Andhra Pradesh, Code : 37		De	spatch [	Document N	lo. De	livery N	ote Date			
			De	spatche	d through	De	stinatio	n			
			Те	rms of D	elivery						
51 Io.	Description of Goods	HSN/S	SAC	GST Rate	Quantity	Rate	per	Amount			
Goldmed	al 20w Led Tube Set	9405		12 %	15 No's		21 No's				
2 Goldmed	al Air Step Regulator 2m	8414 8538		18 % 18 %	15 No's 3 No's		71 No's 64 No's				
Goldmed	al Air A3 18m Plate al Air Aura 6&16ax Socket	8536		18 %	3 No's		10 No's				
Goldmed	al Air Aura Switch	8536		18 %	30 No's		95 No's				
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9405 8414		2,890	.65	9%	260.16	9%	260	0.16 520.3			
8538		475		9% 9%	42.83 71.72	- 9% 9%		2.83 85.60 1.72 <b>143.4</b>			
8536	Total	796		9%	575.60	570		5.60 1,151.2			
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Tax Amount (in	words) : INR One Thousand One Hundred Fif	ty One	e an	d I wei	nty palse	Only	¥-				
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	/	Bank Na	ame	:	Kotak Mah		Bank				
/		A/c Nò. Branch 8			011199360 Nandyal &		007859				
Declaration					yai o			or Devi Electronic			
We declare t	hat this invoice shows the actual price of the							Staro			
goods descri	bed and that all particulars are true and correct.	_	_				4	xuthorised signator			
	SUBJECT TO NANDY	AL JURIS	DI	TON			./	41.5			
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(ORIGINAL FOR RECIPIENT) Tax Involce Invoice No. Dated /i Electronics 471, Near Balaji Kalyanamandapam, salaji Complex, DE/0936-19-20 22-Jul-2019 **Delivery Note** Mode/Terms of Payment Nandyal GSTIN/UIN: 37BXGPS0881P1ZM Credit State Name : Andhra Pradesh, Code : 37 Contact : 9440420251 E-Mail : devletectronics52@yahoo.com Supplier's Ref. Other Reference(s) Buyer's Order No. Dated Buyer SHANTIRAM ENGANEERING COLLEGE Despatch Document No. **Delivery Note Date** NANDYAL State Name : Andhra Pradesh, Code : 37 Destination Despatched through Terms of Delivery SI Description of Goods HSN/SAC GST Quantity Rate per Amount No. Rate 1 Goldmedal Air A3 12m Plate 8538 18 % No's 8 No's 124.07 992.56 2 Goldmedal Air Step Regulator 2m C 8414 18 % 32 No's 192.71 No's 6,166.72 3 Goldmedal Air Aura Switch -8536 18 % 96 No's 16.95 No's 1,627.20 Goldmedal Air 2inone Socket 4 8536 18 % 16 No's 46.78 No's 748.48 5 Havells Led Tube Set 20 w 9405 12 % 32 No's 223.21 No's 7,142.72 38mm Cassing Pvc 6 39219020 18 % 59 No's 57.46 No's 3,390.14 7 20mm Cassing Pvc 39219020 18 % 100 No's 21.19 No's 2,119.00 8 **Tais Packet** 39235090 18 % 40.68 No's 5 No's 203.40 9 38x6 Screws 7318 18 % 500 No's 0.85 No's 425.00 10 Pvc Grip Packet 3917 18 % 10 No's 8.47 No's 84.70 22,899.92 SGST 1.846.70 CGST 1,846.70 Less : Round Off(+/-) (-)0.32 Total 858 No's ₹ 26,593.00 Amount Chargeable (in words) E. & O.E INR Twenty Six Thousand Five Hundred Ninety Three Only Company's Bank Details Bank Name Kotak Mahendra Bank A/c No. 0111993604 Branch & IFS Code : Nandyal & KKBK000 Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct. L EC 859 Mor Devi Ela tfc bics 11 thorised. itory SUBJECT TO NANDTAL JURISDICTION. This is a Computer Generated Invoice PRINCIPAL Santhiram Engineering College Nandyal,Kurnool(Dt.),A.P

Dated 22-Jul-2019

Tax Invoice (Tax Analysis)

Invoice No. DE/0936-19-20

#### Devi Electronics 2-471, Near Balaji Kalyanamandapam, Balaji Complex, Nandyal GSTIN/UIN: 37BXGPS0881P1ZM State Name : Andhra Pradesh, Code : 37 Contact : 9440420251

## E-Mail : devielectronics52@yahoo.com

#### Party : SHANTIRAM ENGANEERING COLLEGE NANDYAL

State Name : Andhra Pradesh, Code : 37

HSN/SAC	Taxable	Ce	ntral Tax	St	ate Tax	Total Tax Amount	
	Value	Rate	Amount	Rate	Amount		
8538	992	56 9%	89.33	9%	89.33	178.66	
8414	6,166	72 9%	555.00	9%	555.00	1,110.00	
8536	2,375	68 9%	213.81	9%	213.81	427.62	
9405	7,142	72 6%	428.56	6%	428.56	857.12	
39219020	5,509	14 9%	495.82	9%	495.82	991.64	
39235090	203	40 9%	18.31	9%	18.31	36.62	
7318	425	00 9%	38.25	9%	38.25	76.50	
3917	84	70 9%	7.62	9%	7.62	15.24	
	Total 22,899	92	1,846.70		1,846.70	3,693.40	

Tax Amount (in words) : INR Three Thousand Six Hundred Ninety Three and Forty paise Only

-RINCIPAL Santhiram Engineering College Nandyal,Kurnool(Dt.),A.P

NAND for Devi Electron cs Signatory