



7.1.3

Installation Receipts of Solar Energy & Wheeling to the Grid

GOVERNMENT OF ANDHRA PRADESH
DIRECTORATE OF ELECTRICAL SAFETY

From
The Director of Electrical Safety and
Chief Electrical Inspector to Govt,
D.No. 5-17-5/116, Brodipet,
Guntur - 520024
Phone No. 0865 241941



TO
M/s Shafa Educational Society
In the name and style of Santhiram Medical
College,
Sy No:600 to 609, 600/1 to 21,
Udumalpuram(V),Nandyala(M),
Nandyala dist.

Lr.No.DES & CEIG/GNT/TecSec/HT/NDYL-11/ D.No. 427 /2023, Dt: 21-03-2023

Sir,

Sub:- The Electricity Act, 2003 and Central Electricity Authority (Measures relating to safety and Electric Supply) Regulations, 2010 - Electrical Installation of Voltage-Exceeding M/s Shafa Educational Society In the name and style of Santhiram Medical College, Sy No:600 to 609, 600/1 to 21,Udumalpuram(V), Nandyala(M), Nandyala dist.-Statutory Approval under section 54 of The Electricity Act,2003 & Regulation 43(3) & 32 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2010 – Approval Accorded.

Ref:- 1) Inspection Dated :07.03.2023
2) Your letter received on 20.03.2023

Under Section 54, Regulation 43(3) & 32 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, the following equipments of your Electrical Installation of voltage exceeding 650V are approved for energisation.

AS PER ANNEXURE ENCLOSED

Under Regulation 43(4) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, any additions or alteration in your installation shall not be connected to supply until the same are approved in writing by this office and offer for annual inspection under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 every year to the concerned Deputy Electrical Inspector.

Under Regulation 13(4), 46(7) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, you are all times solely responsible for the maintenance of the above installation on such condition as to be free from danger.

The above approval accorded is without prejudice to the statutory/mandatory obligations to be fulfilled by you under various other acts and rules as the case may be.

The approval accorded for energizing the electrical equipment is the safety for men and machine from electrical hazards in your installation and ipso facto does not confer any right to be used for any other purpose other than for which the approval is accorded.

The original manufacturer Test certificates of Transformer etc. are accepted and returned.

Yours faithfully,

Encl:- Test Certificates ,
List of Load Particulars

#Digitally signed#
Director of Electrical Safety and
Chief Electrical Inspector to Govt. of A.P.

Signed by Garunam Vilaya
Lakshmi
Date: 21-03-2023
Reason: Approved

Copy to the Divisional Engineer/Operation/APSPDCL/ Nandyala
Copy to the Dy.Electrical Inspector, Kurnool sub-division, Kurnool.
Copy to the Accounts Officer, O/o the DES & CEIG, Guntur.

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Annexure to Lr.No.DES & CEIG/GNT/Tec Sec/NDYL-11/D.No. 427/2023, Dt. 21-03-2023.
M/s Shafa Educational Society In the name and style of Santhiram Medical College, Sy No:600 to 609, 600/1 to 21, Udumalpuram(V), Nandyala(M), Nandyala dist.

S.No	Description of the Equipment	Total Approved Load
I	HV INSTALLATION (11KV)	
1.	Vacuum Circuit Breaker	Make : ABB S.No : 1VYN020118006811 Rating : 1250A,12KV
2.	Transformer	Make : KIRLOSKAR S.No : 99MD08/AUG1, Rating : 1250KVA, 11KV/433V
II	MV LOAD	
1.	Generator	Make : LEROY SOMER S.No : LGS3S418D224218 Rating : 1010 KVA, 415V.
2.	MV Load	245 HP, 415V
3.	MRI SCAN	Make : SIEMENS S.No : 2017-0197 Rating : 160KVA, 415V.
4.	CT SCAN	Make : SIEMENS S.No : 99189 Rating : 120KVA, 415V.
5.	X -RAY	Make : SEIMENS, S.No : 652291752 Rating : 80KVA, 415V
6.	Capacitors	Make : SEIMENS, S.No : ---- Rating : 40KVA, 415V
7.	UPS	200 KVAR,415V
		342 KVA,415 V
III	SOLAR POWER PLANT	
1	SOLAR INVERTER	Make:KSTAR S.No:1102110767A2338400019, 1102110767A2338400018, 1102110767A2338400025, 1102110767A2338400006, 1102110767B8153500001, 1102110767A2338400011, 1102110767A2338400027 Rating:50KW Qty:07 No.s
		Make:GOODWE S.No:9080KMTU218W0221, 9080KMTU218W0220, 9080KMTU218W0188



S.No	Description of the Equipment	Total Approved Load
		Rating:80 KW, Qty:03 No.s Make:HUAWEI S.No:6T2129018097Y, 6T2129018165Y, 6T2129018115Y Rating:100 KW Qty:03 No.s
2	Solar Photo Voltaic Modules	Rating: 440Wp-796 No.s=350.24KWp 335Wp-445 No.s=149.07KWp 310Wp-1614 No.s=500.34KWp Total Solar capacity:999.65KWp
IV	LV LOAD	
1.	Lighting Load	1024 KW, 230V
2.	A.C LOAD	505 KW,230 V



#Digitally Signed#
Director of Electrical Safety and
Chief Electrical Inspector to Govt. of A.P


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SOLAR GRID TIED WORK COMPLETION REPORT

Doc.No I&S/F/01/01
 Issued Date 01-04-19
 Revision 1

Customer Name	SHAFA EDUCATIONAL SOCIETY		
Customer full Address	Shanthi Ram medical Hospital,Kurnool Road, Nandyal-518501-Andhra Pradesh		
Customer Contact number	Mr.Ashok 9849848187		
System	Solelectric:350 kWp- GT Fit		
Order Number	16401777	Date	02-11-22
Invoice Number	222311183,84	Date	28-Nov-22
Installed On	15-02-23		

PV ARRAY INSTALLATION DETAILS

PV Array installed roof	Roof 1	Roof 2	Roof 3	Roof 4	Roof 5	Roof 6	Roof 7	Roof 8	Roof 9	Roof 10
Type of Roof	RCC									
Type of MMS	GI-Customer scope									
Type of module mounting	Mono									
No of Modules	796									
Modules Make	Orb440M72-15									
Module Wp	440									
Inverter Capacity	80 kva-Goodwe									
PV Capacity	350.24.kWp									
Orientation[pv size wise]	south & North									
Module Tilt Angle[pv size wise]	15 Deg									

ELECTRICAL CHECK

Sl No	Parameters	Units	Measurements			
3	Inverter AC Output Voltage	AC Volt	Phase(R & Y)	448	Phase(Y & B)	458
4	AC Combiner box input Voltage	AC Volt			Phase(R & B)	456
5	AC Combiner box Output Voltage	AC Volt				248
6	Synchronizing Voltage	AC Volt				250
7	Synchronization Frequency	Hertz	R Phase(R & N)	250	Y Phase(Y & N)	249
8	Earthing Voltage (N & E)	Volt			B Phase(B & N)	248
9	Earthing Resistance	Ohms				49.88
						0
						3

SITE ELECTRICAL DETAILS

1	Site Grid in put Voltage - R & N	250	Site Earthing Voltage - R & E	250
2	Site Grid in put Voltage - Y & N	249	Site Earthing Voltage - Y & E	249
3	Site Grid in put Voltage - B & N	248	Site Earthing Voltage - B & E	248

WEB MONITOR CHECK

1	Web Monitor Make		RMS
2	Function of Web monitor		ok
3	Zero Export- Given / not given		Not Given
4	Web Monitor login details	Login site web address	www.orbenergy.com
		Login ID	
		login Passwar	

MECHANICAL CHECK

RCC ROOF		SLOPE ROOF	
1	Tightness of MMS	OK	1 TEK Screw fixing
2	Tightness of Fastners	OK	2 Mcro rail pasting / Rivtting
3	Tightness of Module End clamp & mid clamps	OK	3 Tightness of Module End clamp & mid clamps

LIGHTNING ARRESTER

1	Earthing Continuity		ok
2	Earthing Resistance	Ohms:03	

TECHNICAL TRAINING FOR SITE TECHNICAL PERSON:

1. Instructed & Trained the local technical person on all the standard Operational and Maintenance Procedures for the Grid Tie System and its Core Components.

Site Technical person name:	SWAMY ALAGARA SIVA KUMAR	Designation:	MANAGER TECHNICAL
Customer Feedback:			

1. Whether the ORB Sales Person Explained about the Grid Tie System.	YES	NO
2. Have you got all the Materials on Time.	YES	NO
3. Whether the ORB Technical Person Installed the System on Time.	YES	NO
4. Have you observed any Discrepancy during System Installation Period .	YES	NO
5. Whether the ORB Technical Person Explained about the Core Components and working of GT System and given training to the local technician Person.	YES	NO
6. Have you got Satisfied with Grid Tie System.	YES	NO

ACCEPTANCE

I herby acknowledge that the Solar Photovoltaic 350 kWp system is operating in accordance with the required specification.

Customer Name	SHAFA EDUCATIONAL SOCIETY
Customer Signature, Date and seal	<i>[Signature]</i> SHAFA EDUCATIONAL SOCIETY NANDYAL
Installation Done By	Orb Energy Pvt Ltd., Bangalore 23/2/2023
Installed, tested and certified by [Name of Orb representative with signature and date]	SWAMY ALAGARA SIVA KUMAR <i>[Signature]</i> 15/2/2023



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energy
YOU'VE GOT THE POWER

User Manual

350kWp Rooftop Solar System

Shafa Educational Society

Srinivasa Nagar, Nandyal, Andhra Pradesh

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To get the most out of your rooftop solar system,
please read this manual carefully.

If you need any further clarifications or assistance,
please call our customer care no. +91 9900520505.
We are happy to help you.



Email: customercare@orbenergy.com

www.orbenergy.com

A handwritten signature in green ink, appearing to be "S. Srinivas", is written over a horizontal line.

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1. Safety and warnings

1. Read this entire manual before using your system.
2. Your rooftop solar system delivers 415 volts AC, 3 phase 50Hz. Do not touch the power terminals.
3. There are no parts in your system which you can service. Only qualified personnel should service your rooftop solar system.
4. Use Orb Energy solar panels for their intended use only. Follow all manufacturer's instructions. Do not disassemble the solar panel array, or remove any part installed by the manufacturer, as this will void any manufacturer warranties.
5. Do not touch the solar panels or the mounting structure once installed. These surfaces can become extremely hot when exposed to sunlight.
6. Do not walk, lean, sit or rest heavy objects on solar panels as it may lead to panel failure.
7. Solar panels have a protective glass front. Broken solar panel glass is an electrical safety hazard (electric shock and fire). These solar panels cannot be repaired and must be replaced immediately. If you have a broken solar panel turn your system off.
8. Do not clean during the middle of the day when the glass is hot. The thermal shock of cold water on hot, tempered glass could shatter the glass. Clean only at dawn or dusk when the panel glass is cool.
9. Do not clean the solar panels if your inverter reads a "**Ground Fault Error**". Instead, call for service immediately. Refer to the inverter manual for additional details.
10. Do not use abrasive material / steel wool for cleaning the glass surface of the solar panels as it can damage the reflective coating of the glass.
11. Do not store anything in front of the inverter.
12. Do not store anything above or below the inverter. A minimum 12-inch clearance must be maintained to allow heat to naturally flow from the inverter.
13. Call our customer care no. +91 9900520505 immediately if the inverter indicates an error.





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2. Guide to system

Core Components

Your rooftop solar system consists of four core components.

1. Solar PV panel array
2. Solar string inverters with built-in MPPT controller
3. Solar panel support structures
4. Lightning arrestors
5. Remote monitoring system

2.1 Solar PV panel array

A solar panel generates electricity from sunlight - the more sunlight, the more electricity is generated. To maximize the sunlight that falls on the solar panel, the solar panel is fixed at a correct angle to the sun, and in a location where there is no shading from trees or buildings. To achieve the desired voltage and current, solar panels are wired in series and parallel, forming a PV array.

Your rooftop system comes with 796 nos of such solar panels which are connected together in the form of an array which has a total capacity of 350kWp.

The detailed specification of this array is given below in table.

Solar PV Panel Array – 350kWp	
Array Capacity	350kWp
No of Solar PV panels	796 numbers
Type of PV panel	440Wp
Maximum System Voltage	1500V DC
Weight of Each panel	23.5 kgs
Area Covered by Array	1651 sq. meter

Please refer Annexure 5 for more details.



2.2 Solar string inverter with built-in MPPT controller Inverter Configuration

Inverter 1 – 80kVA – Make: GOODWE (Model GW80K-MT)		
Serial No: 9080KMTU218W0221		
MPPT – 1	19 solar panels in series	Total 4 strings
MPPT – 2	19 solar panels in series	Total 4 strings
MPPT – 3	19 solar panels in series	Total 3 strings
MPPT – 4	19 solar panels in series	Total 3 strings
Inverter 2 – 80kVA – Make: GOODWE (Model GW80K-MT)		
Serial No: 9080KMTU218W0188		
MPPT – 1	19 solar panels in series	Total 4 strings
MPPT – 2	19 solar panels in series	Total 4 strings
MPPT – 3	19 solar panels in series	Total 3 strings
MPPT – 4	19 solar panels in series	Total 3 strings
Inverter 3 – 80kVA – Make: GOODWE (Model GW80K-MT)		
Serial No: 9080KMTU218W0220		
MPPT – 1	19 solar panels in series	Total 4 strings
MPPT – 2	19 solar panels in series	Total 4 strings
MPPT – 3	19 solar panels in series	Total 4 strings
MPPT – 4	18 solar panels in series	Total 2 strings

Note: To know more on inverter operation, please refer the inverter data sheets enclosed under **Annexure 3** along with this user manual.



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2.3 Solar panel support structures

These are formed GI with powder coated structures for holding the solar panels. The specifications are given in the below table.

Solar panel support structure specifications	
Mounting	Flat roof - RCC. Mounted on Cement concrete block and single row on plain RCC
Material of construction	Formed GI powder coated
Tilt provided	10° degree
Hardware	Stainless steel SS-304


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2.4 Lightning Arrester

Lightning arresters are the device which diverts the abnormal high voltage to the ground without affecting the continuity of supply. It is connected between the line and earth, i.e., in parallel with the equipment to be protected.

The typical lightning arrester has a high-voltage terminal and a ground terminal. When a lightning surge (or switching surge, which is very similar) travels along the power line to the arrester, the current from the surge is diverted through the arrester, in most cases to earth.



2.5 Remote monitoring system

Customers can download Orb's App to their mobile phone to see their rooftop solar system's daily output and monitor their system's payback period.

Customers can also use the app to alert Orb Energy's customer care team if there is any variation in the performance of the system.

Using from Smart Phone

Once you have downloaded the new Orb App:

Step 1:



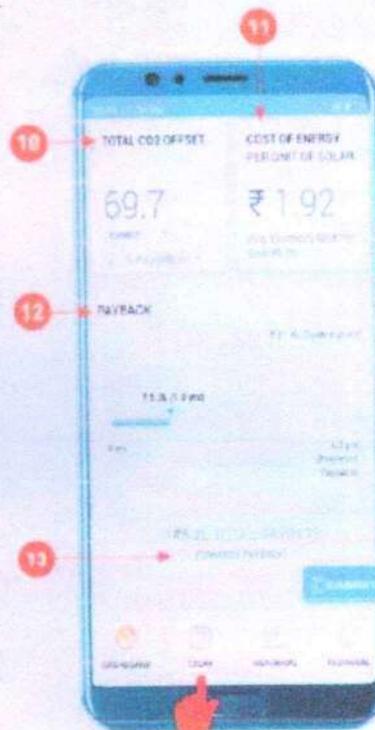
Enter your username

Enter your password

Click LOG IN

User name and password have been provided by Orb. If you face any problem while logging in, please call our IT support team on +91 9108933806

Dashboard



1. Menu
2. System-wise view
3. Location and capacity
4. Today's weather
5. Today's solar output
6. Total solar output
7. Year to date solar output
8. Annual savings
9. Monthly savings
10. Carbon offset
11. Unit cost of solar power
12. Payback
13. Overall savings

Press here to view today's solar system performance

Today



14

15

14. Solar output today
15. Hourly solar output

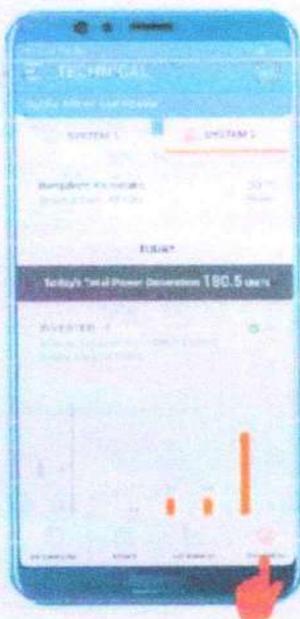
Historical



Solar Output Comparison

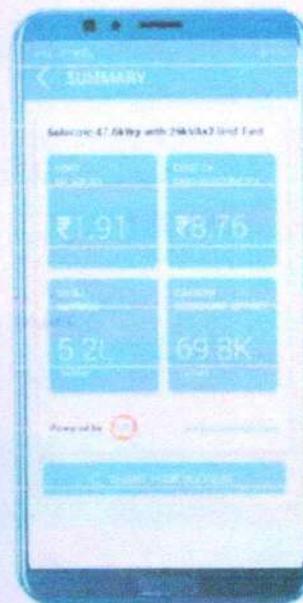
Track the solar power generation daily, monthly and annually. Also compare the power generation between any dates to see how your system is performing year on year.

Technical



See technical data pertaining to your system and inverter.

Summary



Summary page for ease of viewing your total savings and impact. You can also share on social media.

You can also view the same information on your desktop.

Go to: <https://rms.orbenergy.com> and use the same login details as per above.



System Operation

2.6 Start-up procedure

Steps to start inverter:

Step 1: Turn ON DC switch(s) in the inverter.

Step 2: Turn ON solar supply main switch and/ or AC Isolator adjacent to the inverter.

Note: Inverter should be operated by an trained electrical engineer only.

2.7 Shut down procedure

Shutting down the system is the reverse of the start-up procedure, please use this procedure in case of emergency or maintenance.

Step 1: Turn off AC Isolator adjacent to the Inverter.

Step 2: Turn off DC Switches in the inverter.

Note: Inverter should be operated by a trained electrical engineer only.

2.8 Verifying correct system operation

To check that the system is functioning correctly, check the inverter at mid-day and see if the green LED is illuminated and the display is working. If there is a problem, an error message will be shown on the display and the red LED will be illuminated. Further information can be found in the inverter's manual enclosed.

To know the system is functioning properly, the display will show current power output and array voltages. If any value is zero there may be a problem. Please restart the inverter by following the shut-down procedure, wait for 10 minutes and then follow the start-up procedure. If this fails to resolve the problem please contact our customer care on +91 9900520505.

2.9 Earth fault alarm

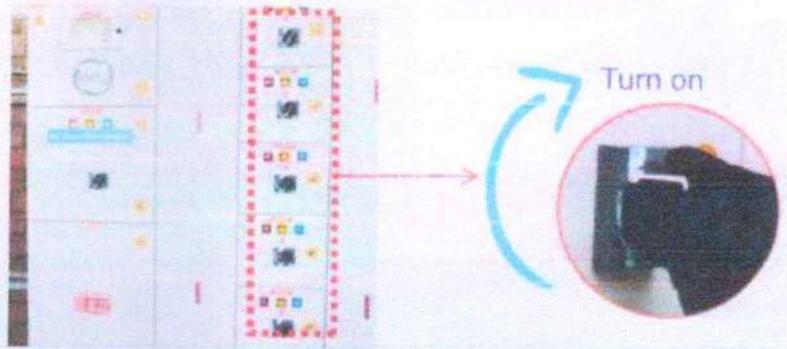
In the event of an earth fault alarm, the red LED may be illuminated and a message displaying "Earth Fault" will be shown on the display, and an audible tone may also be heard.

If you see these symptoms, immediately shut down the rooftop solar system as per the 2.7 shut-down procedure explained above and call customer care +91 9900520505.

2.10 System failure

If the system appears not to be functioning, i.e. blank screen and no LED lights:

- Please verify that all the isolators and MCCB switches are in the ON position (see below picture).



- If the screen remains blank, switch off all the isolators as explained in point no. 2.7 (shut-down procedure). Leave the inverter off for 10 minutes, then re-energize by following point no. 2.6 (start-up procedure).

If the inverter is still not functioning please shut the system down and contact customer care +91 9900520505.

2.11 System Maintenance

Orb Energy strongly recommends to maintain your rooftop solar system on a regular basis, such as cleaning your solar panels at least every 15 days and checking the condition of electrically sensitive components such as surge protection devices, inverters, fuses, etc at least every six months. Regular periodic inspection will help ensure your system continues to operate safely and performs efficiently and also to uphold the warranty period of expensive components such as solar panels and inverters. You should also read your inverter operations manual for any additional maintenance of inverters.

Orb offers cleaning and inspection (preventive maintenance) services as required. Please call our customer care +91 9900520505 to avail of these services.

Cleaning of solar panels.

When solar panels are exposed to the atmosphere then accumulated dust (and possible bird droppings), leading to low output from your rooftop solar system. Hence a periodic cleaning of solar panels at least every 15 days is required for maximum power output from your system.

Solar panels can be cleaned using a water hose and a sponge when the panels are cool. Solar panels should only be cleaned between 8:00AM to 10:00AM and 3:00PM to 6:00PM. Do not use any abrasive materials, detergents, pressure washers for cleaning your solar panels. Also at the time of cleaning, inspect your solar panels for any cracks, chips or dis-colouration. Also check for any shadow falling on your solar panels between 8:00AM to 4:00PM.

2.12 Preventative Maintenance Checklist

Please follow Orb Energy's preventative maintenance checklist, and ensure that preventative maintenance takes place every 6 months. If you would like Orb Energy to handle this please call our customer care team on +91 9900520505. We would be happy to be of service.

Visit Date		Sunshine Conditions		Time of Service	
		<input type="checkbox"/> Clear Sunny <input type="checkbox"/> Cloudy		AM/PM	
Sl No	List of Services (Please tick(-) the appropriate box)	Checking Parameters	Sl No	List of Services (Please tick(-) the appropriate box)	Checking Parameters
Solar PV Modules			AC Cabling		
1	Cleaning of PV modules <small>(Between 8AM to 10AM or 3PM to 4PM)</small>	<input type="checkbox"/>	1	Check AC cable continuity and its condition	<input type="checkbox"/>
2	Check wire tightness at junction box	<input type="checkbox"/>	2	Check for heating of AC cables and loose contacts near terminals	<input type="checkbox"/>
3	Check for PV module damages	<input type="checkbox"/>	AC Distribution Box (ACDB)		
4	Check for any shadow on module <small>(Between 8AM to 4PM)</small>	<input type="checkbox"/>	1	Check for melting of cables near termination area	<input type="checkbox"/>
Module Mounting Structure			2	Check for proper grounding of ACDB	<input type="checkbox"/>
1	Check the powder coating of structures <small>(If applicable)</small>	<input type="checkbox"/>	3	Check quality and condition of MCB, MCCB, ACB, SPD and meter	<input type="checkbox"/>
2	Check the stability of structures	<input type="checkbox"/>	Lightning Arrester		
3	Inspect and tighten nuts and bolts of structures / modules	<input type="checkbox"/>	1	Check condition of lightning arrester	<input type="checkbox"/>
4	Check for abnormalities found in the structure (eg. check sheet)	<input type="checkbox"/>	2	Check quality of earthing conductor routing and its continuity	<input type="checkbox"/>
5	Check that structure is properly earthed	<input type="checkbox"/>	Earthing		
DC Cabling			1	Check all components are properly routed for earthing	<input type="checkbox"/>
1	Check DC cable continuity and condition	<input type="checkbox"/>	2	Do the earth resistance test and check the values are within limits	<input type="checkbox"/>
2	Check DC cable tray condition	<input type="checkbox"/>	3	Check for rusting and disconnection of earth line	<input type="checkbox"/>
3	Check that DC cables are tied properly and in good condition	<input type="checkbox"/>	Web Monitoring		
Array Junction Box (AJB)			1	Check the condition of web monitoring device	<input type="checkbox"/>
1	Check all A/B fuses and terminal boxes in good condition	<input type="checkbox"/>	2	Check quality of earthing conductor routing and its continuity	<input type="checkbox"/>
2	Check and rectify loose connections, check for hot wires	<input type="checkbox"/>	Others		
DC Distribution Box (DCDB)			1	Check for neutral and earthing voltage	Voltage: _____
1	Check condition of fuses in DCDB / terminal boxes / DC SPD	<input type="checkbox"/>	2	Check for grid voltage fluctuations	R: Y: B: _____
2	Check and rectify loose connections, check for hot wires	<input type="checkbox"/>	Please turn over for inverter reading report		

Orb offers periodic preventative maintenance service, please call our customer care no. +91 9900520505 to avail this service.



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3. Do's and Don'ts

Do's

- Clean your solar panels every 15 days using a water hose and/or clean with a sponge and water when the panels are cool. Solar panels should only be cleaned between 8:00AM to 10:00AM and 3:00PM to 6:00PM.
- Inspect the solar panels for any cracks, chips or dis-colouration, rusting of solar panel frames, corrosion.
- Check for any shadow falling on the solar panel between 8:00AM to 4:00PM. Clear the shadow if possible. Otherwise call customer care on +91 9900520505 to schedule a visit by an Orb Energy technician.
- Solar panels have a protective glass front that can break from excessive loading (greater than 50 pounds per square foot), from hail (greater than 1inch traveling at 50 km/hr), or from other causes such as vandalism. When the glass breaks the panel will typically look different to the other solar panels. If broken glass is discovered, call for customer care immediately on +91 9900520505 and turn your system OFF (Refer page no 8 - 2.7 Shut down procedure).
- Check your Orb App regularly for system performance.
- Ensure that your rooftop solar system is insured. Contact your facility insurance company and let them know that you have installed a rooftop solar system on your facility.
- Check that all MCB's are in the "ON" position.
- Switch off the MCB at AC input during lightning.
- Do the earth resistance test once every year. Check values are with in limit $<5\Omega$. If you would like Orb Energy to do this please contact us on +91 9900520505.
- Use rubber floor mats under inverter and AC control panel.

Don'ts

- Do not use any abrasive materials, detergents, pressure washers for cleaning your solar panels.
- Do not clean the solar panels during the middle of the day when the glass is hot. The thermal shock of cold water on hot, tempered glass could shatter the glass.
- Do not clean the solar panels if your inverter reads "Ground Fault Error". Instead call for service immediately. Refer to the inverter manual for additional details.
- Do not drop, or allow objects to fall on, solar panels during cleaning of glass. Also ensure you do not step or stand on the solar panels during cleaning.
- Do not concentrate sunlight on panels with mirrors, reflectors or lenses, or in any other manner. Doing so voids any warranty.
- Do not climb on your roof unless trained, experienced and wearing proper personal protective and fall-protection equipment.



Annexure 1

PV SYST Report



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PVsyst - Simulation report

Grid-Connected System

Project: 350.24kWp_Shafa Educational Society

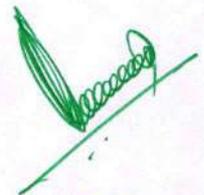
Variant: New simulation variant

Unlimited sheds

System power: 351 kWp

Kavulūru - India

Author
Orb Energy Pvt Ltd (India)



PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.



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Project summary

Geographical Site	Situation	Project settings
Kavulüru	Latitude	Albedo
India	15.49 °N	0.20
	Longitude	
	78.42 °E	
	Altitude	
	204 m	
	Time zone	
	UTC+5.5	
Meteo data		
Kavulüru		
Meteonorm 8.0 (1996-2015), Sat=100% - Synthetic		

System summary

Grid-Connected System	Unlimited sheds	User's needs
PV Field Orientation	Near Shadings	Unlimited load (grid)
Sheds	Mutual shadings of sheds	
tilt		
10 °		
azimuth		
13 °		
System information		
PV Array	Inverters	
Nb. of modules	Nb. of units	3 units
Pnom total	Pnom total	240 kWac
351 kWp	Pnom ratio	1.463

Results summary

Produced Energy	513.2 MWh/year	Specific production	1462 kWh/kWp/year	Perf. Ratio PR	75.07 %
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P50 - P90 evaluation	8



Project: 350.24kWp_Shafa Educational Society

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General parameters

Grid-Connected System		Unlimited sheds		Models used	
PV Field Orientation		Sheds configuration		Transposition Perez	
Orientation		Nb. of sheds 23 units		Diffuse Perez, Meteonorm	
Sheds		Unlimited sheds		Circumsolar separate	
tilt	10 °	Sizes			
azimuth	13 °	Sheds spacing 2.90 m			
		Collector width 2.08 m			
		Ground Cov. Ratio (GCR) 71.6 %			
		Top inactive band 0.02 m			
		Bottom inactive band 0.02 m			
		Shading limit angle			
		Limit profile angle 23.5 °			
Horizon		Near Shadings		User's needs	
Free Horizon		Mutual shadings of sheds		Unlimited load (grid)	

PV Array Characteristics

PV module		Inverter	
Manufacturer	Orb Energy Pvt. Ltd.	Manufacturer	Goodwe
Model	Orb440M72-15	Model	GW80K-MT
(Custom parameters definition)		(Custom parameters definition)	
Unit Nom. Power	440 Wp	Unit Nom. Power	80.0 kWac
Number of PV modules	798 units	Number of inverters	3 units
Nominal (STC)	351 kWp	Total power	240 kWac
Array #1 - PV Array		Array #1 - PV Array	
Number of PV modules	266 units	Number of inverters	1 unit
Nominal (STC)	117 kWp	Total power	80.0 kWac
Modules	14 Strings x 19 In series	Operating voltage	200-1000 V
At operating cond. (50°C)		Max. power (=>45°C)	88.0 kWac
Pmpp	105 kWp	Pnom ratio (DC:AC)	1.46
U mpp	698 V		
I mpp	150 A		
Array #2 - Sub-array #2		Array #2 - Sub-array #2	
Number of PV modules	266 units	Number of inverters	1 unit
Nominal (STC)	117 kWp	Total power	80.0 kWac
Modules	14 Strings x 19 In series	Operating voltage	200-1000 V
At operating cond. (50°C)		Max. power (=>45°C)	88.0 kWac
Pmpp	105 kWp	Pnom ratio (DC:AC)	1.46
U mpp	698 V		
I mpp	150 A		
Array #3 - Sub-array #3		Array #3 - Sub-array #3	
Number of PV modules	266 units	Number of inverters	1 unit
Nominal (STC)	117 kWp	Total power	80.0 kWac
Modules	14 Strings x 19 In series	Operating voltage	200-1000 V
At operating cond. (50°C)		Max. power (=>45°C)	88.0 kWac
Pmpp	105 kWp	Pnom ratio (DC:AC)	1.46
U mpp	698 V		
I mpp	150 A		



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Variant: New simulation variant

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PV Array Characteristics

Total PV power		Total inverter power	
Nominal (STC)	351 kWp	Total power	240 kWac
Total	798 modules	Number of inverters	3 units
Module area	1730 m ²	Pnom ratio	1.46
Cell area	1583 m ²		

Array losses

Array Soiling Losses		Thermal Loss factor		DC wiring losses	
Loss Fraction	4.0 %	Module temperature according to irradiance		Global array res.	36 mΩ
		Uc (const)	20.0 W/m ² K	Global wiring resistance	12 mΩ
		Uv (wind)	0.0 W/m ² K/m/s	Loss Fraction	0.7 % at STC
LID - Light Induced Degradation		Module Quality Loss		Module mismatch losses	
Loss Fraction	3.0 %	Loss Fraction	0.0 %	Loss Fraction	1.0 % at MPP
Strings Mismatch loss		IAM loss factor			
Loss Fraction	0.1 %	ASHRAE Param.: IAM = 1 - bo (1/cosi - 1)			
		bo Param.	0.05		

AC wiring losses

Inv. output line up to injection point	
Inverter voltage	380 Vac tri
Loss Fraction	1.90 % at STC
Global System	
Wire section	Alu 3 x 400 mm ²
Wires length	101 m



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Main results

System Production

Produced Energy 513.2 MWh/year

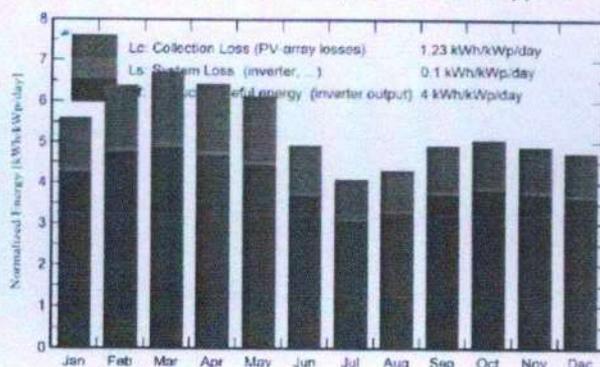
Specific production

1462 kWh/kWp/year

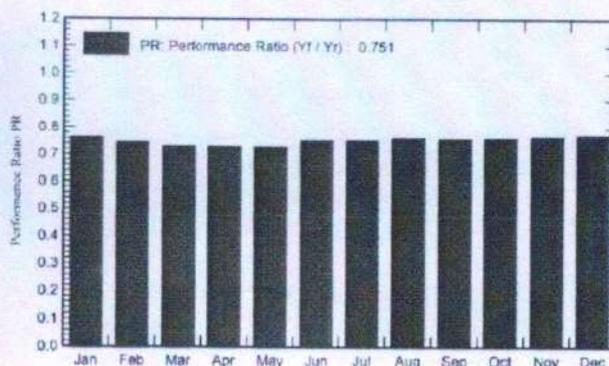
Performance Ratio PR

75.07 %

Normalized productions (per installed kWp)



Performance Ratio PR



Balances and main results

	GlobHor kWh/m ²	DiffHor kWh/m ²	T_Amb °C	GlobInc kWh/m ²	GlobEff kWh/m ²	EArray MWh	E_Grid MWh	PR ratio
January	155.5	55.06	24.88	173.3	160.9	47.59	46.43	0.763
February	164.6	52.31	27.74	178.6	166.6	47.98	46.78	0.746
March	199.3	69.44	31.32	207.5	194.0	54.61	53.23	0.731
April	192.9	83.60	33.27	192.6	179.7	50.56	49.33	0.730
May	195.6	89.74	34.07	189.6	176.3	49.69	48.50	0.729
June	153.8	86.70	30.17	147.7	136.6	40.03	39.08	0.753
July	130.9	76.08	29.13	126.5	116.7	34.34	33.51	0.755
August	135.4	85.66	28.34	133.5	123.5	36.58	35.72	0.762
September	145.4	78.26	27.69	147.8	137.2	40.38	39.40	0.759
October	149.4	79.94	27.71	156.8	145.7	42.94	41.91	0.761
November	134.5	63.80	25.54	146.5	135.9	40.49	39.52	0.769
December	132.3	61.18	24.34	146.7	135.8	40.72	39.76	0.772
Year	1889.5	881.76	28.69	1947.0	1809.1	525.92	513.17	0.751

Legends

GlobHor	Global horizontal irradiation	EArray	Effective energy at the output of the array
DiffHor	Horizontal diffuse irradiation	E_Grid	Energy injected into grid
T_Amb	Ambient Temperature	PR	Performance Ratio
GlobInc	Global incident in coll. plane		
GlobEff	Effective Global, corr. for IAM and shadings		



Project: 350.24kWp_Shafa Educational Society

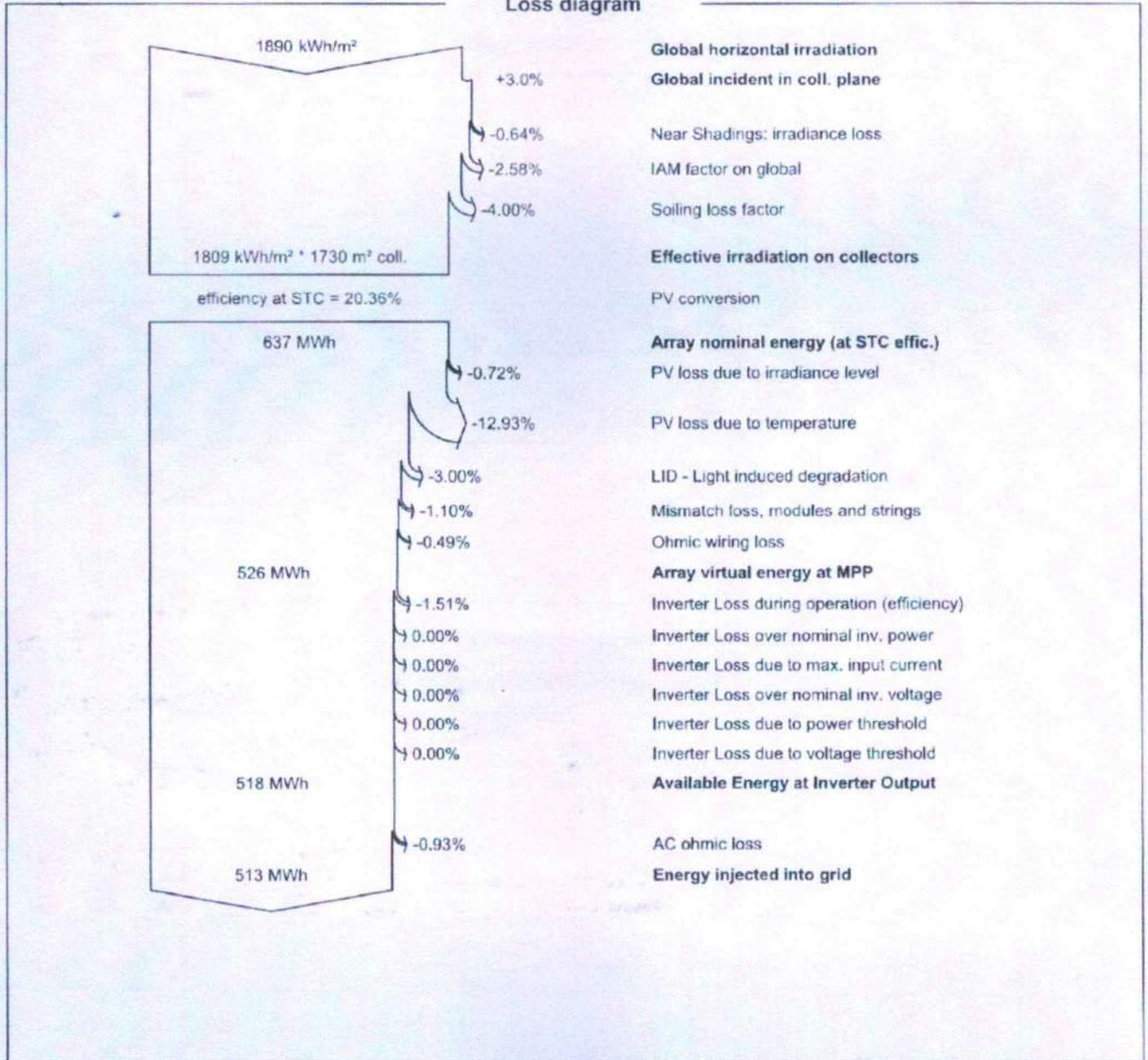
Variant: New simulation variant

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Loss diagram





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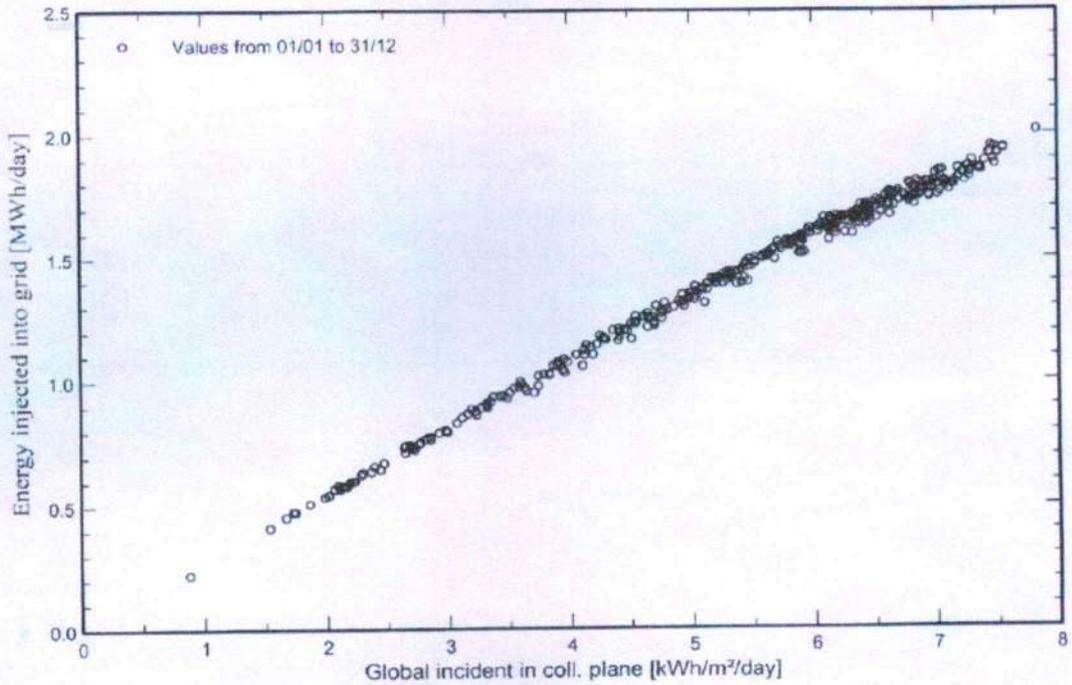
Project: 350.24kWp_Shafa Educational Society

Variant: New simulation variant

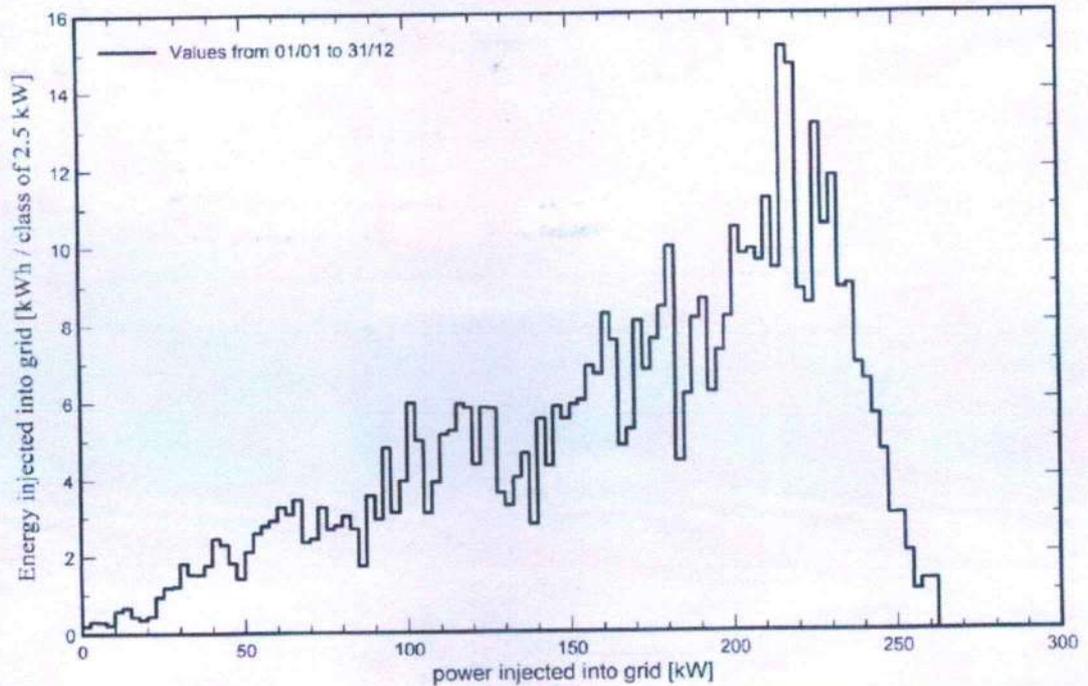
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Special graphs

Daily Input/Output diagram



System Output Power Distribution





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Variante: New simulation variante

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P50 - P90 evaluation

Meteo data

Source Meteonorm 8.0 (1996-2015), Sat=100%
Kind TMY, multi-year
Year-to-year variability(Variance) 0.5 %
Specified Deviation
Climate change 0.0 %

Global variability (meteo + system)

Variability (Quadratic sum) 1.9 %

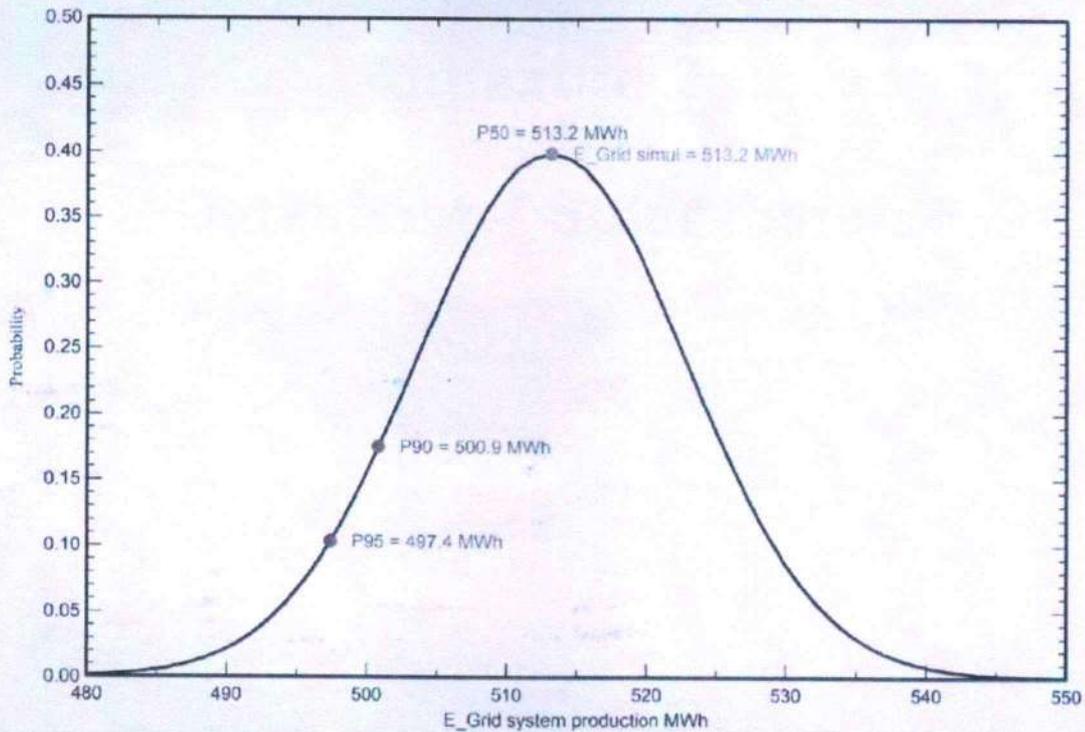
Simulation and parameters uncertainties

PV module modelling/parameters 1.0 %
Inverter efficiency uncertainty 0.5 %
Soiling and mismatch uncertainties 1.0 %
Degradation uncertainty 1.0 %

Annual production probability

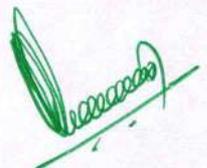
Variability 9.6 MWh
P50 513.2 MWh
P90 500.9 MWh
P95 497.4 MWh

Probability distribution



Annexure 2

Datasheet – Solar Panel



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Annexure 3

Inverter Data Sheets



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MT/LV MT Series Datasheet



Technical Data

GW80KBF-MT GW70KHV-MT GW80KH-MT **GW80K-MT GW30KLV-MT GW35KLV-MT GW50KLV-MT**

DC Input Data

Max. PV Power (W)	104000	91000	120000	120000	54000	63000	90000
Max. DC Input Voltage (V)	1100	1100	1100	1100	800	800	800
MPP1 Range (V)	200-1000	200-1000	200-1000	200-1000	200-650	200-650	200-650
Starting Voltage (V)	200	200	200	200	200	200	200
Nominal DC Input Voltage (V)	800	750	800	620	370	370	370
Max. Input Current (A)	39/39/39/39	33/33/33/33	44/44/44/44	44/44/44/44	30/30/20/20	30/30/30/30	44/44/44/44
Max. Short Current (A)	54.8/54.8/54.8/54.8	41.5/41.5/41.5/41.5	55/55/55/55	55/55/55/55	38/38/25/25	38/38/38/38	55/55/55/55
No. of MPP Trackers	4	4	4	4	4	4	4
No. of Input Strings per Tracker	3/3/3/3	3/3/3/3	4/4/4/4	4/4/4/4 (Standard) or 3/3/3/3 (Optional, Support bifacial module)	3/3/2/2	3/3/3/3	4/4/4/4

AC Output Data

Nominal Output Power (W)	80000	70000	80000	80000	30000	36000	50000
Max. Output Power (W)	88000	77000	98000	88000 @ 400Vac 92000 @ 415Vac	28800 @ 208VAC 30000 @ 220VAC 33000 @ 240VAC	34500 @ 208VAC 36000 @ 220VAC 39900 @ 240VAC	47300 @ 208VAC 50000 @ 220VAC 55000 @ 240VAC
Max. Output Apparent Power (VA)	88000	77000	98000	88000 @ 400Vac 92000 @ 415Vac	33000	39900	55000
Nominal Output Voltage (V)	540, 3L/PE	500, 3L/PE	540, 3L/PE	400, 3L/N/PE or 3L/PE	150-300	150-300	150-300
Nominal Output Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Max. Output Current (A)	94.1	89	94.1	133	80	96	133
Output Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)						
Output THD (in Normal Output)	<3%	<3%	<3%	<3%	<3%	<3%	<3%

Efficiency

Max. Efficiency	99.0%	99.0%	99.0%	98.8%	96.7%	98.8%	98.7%
European Efficiency	98.4%	98.4%	98.4%	98.3%	96.3%	98.5%	98.3%

Protection

PV String Current Monitoring	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Anti-Islanding Protection	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Input Reverse Polarity Protection	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Insulation monitoring	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
DC fuse	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Anti-PID Function for Module	Optional	Optional	Optional	Optional	Optional	Optional	Optional
DC SPD Protection	Integrated (Type II)						
AC SPD Protection	Integrated (Type II)						
Residual Current Monitoring Unit	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
AC Over Current Protection	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
AC Short Protection	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
AC Over Voltage Protection	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
Humidity Monitoring	Optional	Optional	Optional	Optional			

General Data

Ambient Temperature Range (°C)	-30-60	-30-60	-30-60	-30-60	-30-60	-30-60	-30-60
Relative Humidity	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%
Operating Altitude (m)	<4000	<4000	<4000	<4000	<4000	<4000	<4000
Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling
Display	LED, WiFi - APP	LCD or WiFi - APP	LED, WiFi - APP	LED, WiFi - APP	LCD or WiFi - APP	LCD or WiFi - APP	LED, WiFi - APP
Communication	RS485 or PLC	RS485 or WiFi or PLC	RS485 or PLC	RS485 or WiFi, PLC (Optional)	RS485 or WiFi	RS485 or WiFi	RS485 or WiFi, PLC (Optional)
Weight (kg)	65	60	65	70	59	64	70
Dimension (Width*Height*Depth mm)	586*788*264	586*788*264	586*788*267	586*788*267	586*788*264	586*788*264	586*788*267
Protection Degree	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Night Self Consumption (W)	<1	<1	<1	<1	<1	<1	<1
Topology	Transformerless						

Certifications & Standards

Grid Regulation	IEC61727, IEC62116, VDE4105, VDE0126, RD1699, RD413, RD661, EN50438	VDE-AR-N 4105, IEC61727, IEC62116
Safety Regulation	IEC62109-1&2	
EMC Regulation	EN 61000-6-4:2007 - A1 2011, EN 61000-6-2:2005, EN 61000-3-11:2000, EN 61000-3-12:2011 - AC:2013	EN61000-6-1 EN61000-6-2 EN61000-6-3 EN61000-6-4

Annexure 4

Warranty Certificate



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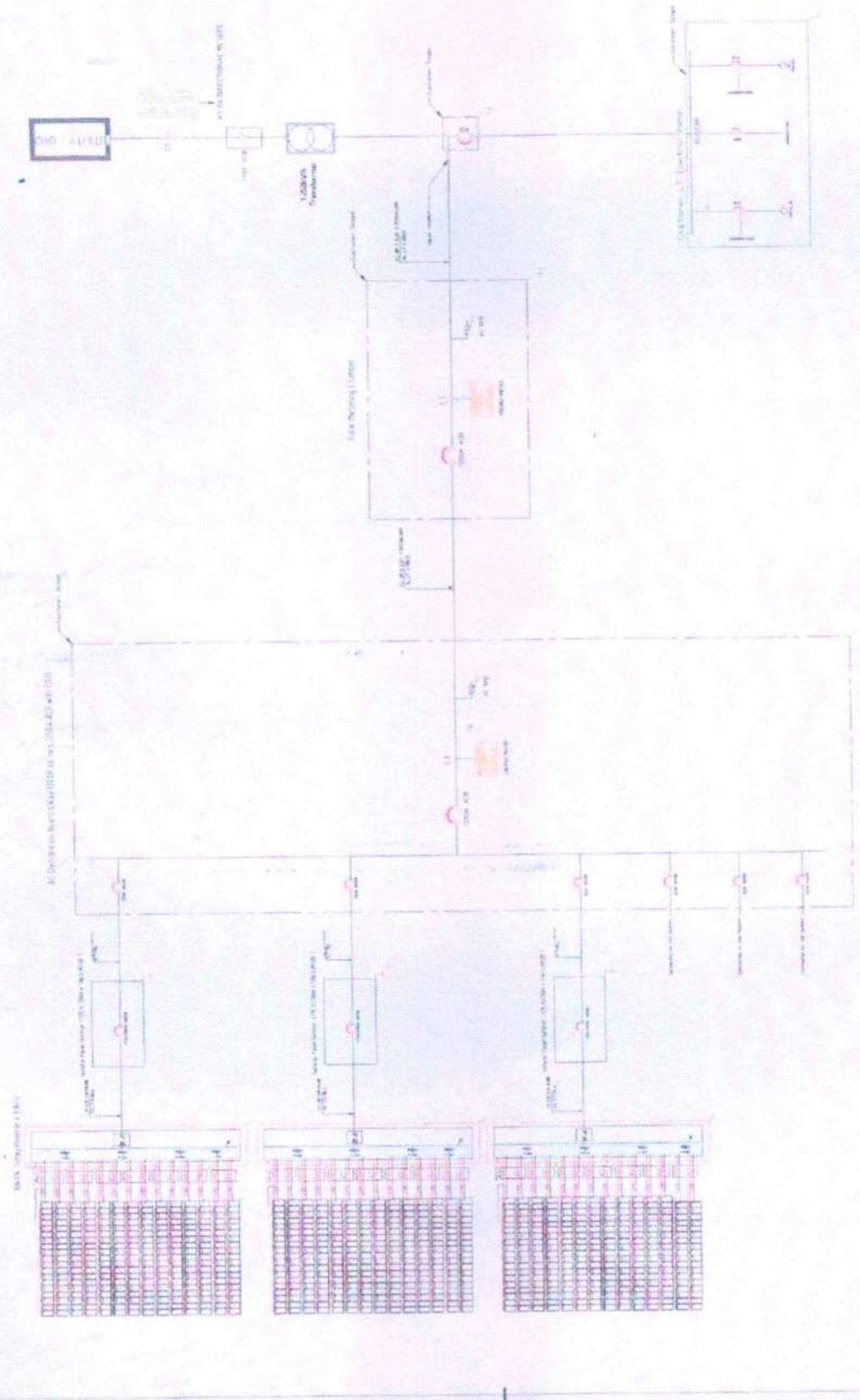
Annexure 5

Drawings – SLD / GA



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This drawing is the property of Orb energy Pvt. Ltd. and must not be passed on to any person or body without our prior permission in writing.



Notes:

1. All electrical works shall be done as per the approved drawings.
2. All electrical works shall be done as per the approved specifications.
3. All electrical works shall be done as per the approved standards.
4. All electrical works shall be done as per the approved codes of practice.

Sl. No.	Particulars	Quantity	Unit	Remarks
1	3-Phase 415V Supply	1	Unit	
2	1.25MVA Transformer	1	Unit	
3	Main Busbar	1	Unit	
4	Main Switching Unit (MSU)	1	Unit	
5	Main Distribution Panel (MDP)	1	Unit	
6	Main Control Panel (MCP)	1	Unit	
7	MCCB	10	Units	
8	MCB	20	Units	
9	Wiring	100	Meters	
10	Conduit	50	Meters	
11	Earthing	1	Unit	
12	Labeling	1	Unit	
13	Testing	1	Unit	

Sl. No.	Particulars	Quantity	Unit	Remarks
1	3-Phase 415V Supply	1	Unit	
2	1.25MVA Transformer	1	Unit	
3	Main Busbar	1	Unit	
4	Main Switching Unit (MSU)	1	Unit	
5	Main Distribution Panel (MDP)	1	Unit	
6	Main Control Panel (MCP)	1	Unit	
7	MCCB	10	Units	
8	MCB	20	Units	
9	Wiring	100	Meters	
10	Conduit	50	Meters	
11	Earthing	1	Unit	
12	Labeling	1	Unit	
13	Testing	1	Unit	

PROJECT DEVELOPER

Orb Energy Private Limited
 8/5, Bala Park Road, 3rd Stage
 Jayanagar, Bangalore 560022, India
 Tel: 08 85 5178311 | Web: www.orbenergy.com

PROJECT NO: ORB/2017/1423

Sl. No.	Particulars	Quantity	Unit	Remarks
1	3-Phase 415V Supply	1	Unit	
2	1.25MVA Transformer	1	Unit	
3	Main Busbar	1	Unit	
4	Main Switching Unit (MSU)	1	Unit	
5	Main Distribution Panel (MDP)	1	Unit	
6	Main Control Panel (MCP)	1	Unit	
7	MCCB	10	Units	
8	MCB	20	Units	
9	Wiring	100	Meters	
10	Conduit	50	Meters	
11	Earthing	1	Unit	
12	Labeling	1	Unit	
13	Testing	1	Unit	



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Sl. No.	Particulars	Area 1	Area 2	Area 3
1	3-Phase 415V Supply	1	1	1
2	1.25MVA Transformer	1	1	1
3	Main Busbar	1	1	1
4	Main Switching Unit (MSU)	1	1	1
5	Main Distribution Panel (MDP)	1	1	1
6	Main Control Panel (MCP)	1	1	1
7	MCCB	10	10	10
8	MCB	20	20	20
9	Wiring	100	100	100
10	Conduit	50	50	50
11	Earthing	1	1	1
12	Labeling	1	1	1
13	Testing	1	1	1

DATE: 10/10/2017
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]

Annexure 6

Work Completion Report



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SOLAR GRID TIED WORK COMPLETION REPORT

Doc No: ISS/F10/101
 Issued Date: 01-04-19
 Revision: 1

Customer Name: **SHAF A EDUCATIONAL SOCIETY**
 Customer full Address: **Shanthi Ram medical Hospital,Kurnool Road, Nandyal-518501-Andhra Pradesh**
 Customer Contact number: **Mr.Ashok 9649040187**
 System: **Solelectric,350 kWp- GT Fit** System sl.no: **M2D1693000159**
 Order Number: **16401777** Date: **02-11-22**
 Invoice Number: **222311183,64** Date: **28-Nov-22**
 Installed On: **15-02-23**

PV ARRAY INSTALLATION DETAILS										
PV Array installed roof	Roof 1	Roof 2	Roof 3	Roof 4	Roof 5	Roof 6	Roof 7	Roof 8	Roof 9	Roof 10
Type of Roof	RCC									
Type of MMS	GI-Customer scope									
Type of module mounting	Mono									
No of Modules	796									
Modules Make	Orb440M72-15									
Module Wp	440									
Inverter Capacity	80 kva-Goodwe									
PV Capacity	350.24.kWp									
Orientation[pv size wise]	south & North									
Module Tilt Angle[pv size wise]	15 Deg									

ELECTRICAL CHECK			
Sl No	Parameters	Units	Measurements
3	Inverter AC Output Voltage	AC Volt	Phase(R & Y) 448 Phase(Y & B) 468 Phase(R & B) 456
4	AC Combiner box input Voltage	AC Volt	246
5	AC Combiner box Output Voltage	AC Volt	250
6	Synchronizing Voltage	AC Volt	R Phase(R & N) 250 Y Phase(Y & N) 249 B Phase(B & N) 248
7	Synchronization Frequency	Hertz	49.88
8	Earthing Voltage (N & E)	Volt	0
9	Earthing Resistance	Ohms	3

SITE ELECTRICAL DETAILS			
1	Site Grid in put Voltage - R & N	250	Site Earthing Voltage - R & E 250
2	Site Grid in put Voltage - Y & N	249	Site Earthing Voltage - Y & E 249
3	Site Grid in put Voltage - B & N	248	Site Earthing Voltage - B & E 248

WEB MONITOR CHECK			
1	Web Monitor Make		RMS
2	Function of Web monitor		ok
3	Zero Export- Given / not given		Not Given
4	Web Monitor login details	Login site web address: www.orbenergy.com	Login ID: _____ Login Passward: _____

RCC ROOF		SLOPE ROOF	
1	Tightness of MMS	OK	1 TEK Screw fixing NA
2	Tightness of Fastners	OK	2 Micro rail pasting / Rivitting NA
3	Tightness of Module End clamp & mid clamps	OK	3 Tightness of Module End clamp & mid clamps NA

LIGHTNING ARRESTER	
1	Earthing Continuity
2	Earthing Resistance

Ohms:03 ok

1. Instructed & Trained the local technical person on all the standard Operational and Maintenance Procedures for the Grid Tie System and its Core Components.

Site Technical person name: **SWAMY ALAGARA SIVA KUMAR** Designation: **MANAGER TECHNICAL**

Customer Feedback	YES	NO
1. Whether the ORB Sales Person Explained about the Grid Tie System.		
2. Have you got all the Materials on Time.		
3. Whether the ORB Technical Person installed the System on Time.		
4. Have you observed any Discrepancy during System Installation Period.		
5. Whether the ORB Technical Person Explained about the Core Components and working of GT System and given training to the local technician Person.		
6. Have you got Satisfied with Grid Tie System.		

ACCEPTANCE: I hereby acknowledge that the Solar Photovoltaic 350 kWp system is operating in accordance with the required specification.

Customer Name: **SHAF A EDUCATIONAL SOCIETY**

Customer Signature, Date and seal: *[Signature]* **23/2/2023**

Installation Done By: **Orb Energy Pvt.Ltd.,Bangalore**

Installed, tested and certified by (Name of Orb representative with signature and date): **SWAMY ALAGARA SIVA KUMAR** *[Signature]* **15/2/2023**

7.1.3
Sensor Based Energy
Conservation Installation
Receipt



Cell:9866308427

BALU ELECTRICAL CONTRACTS

No: **53** PEDDA KOTTALA, Nandyal, Kurnool (Dist), A.P.
Regd.No: AP-13-84-030-0516022

Sri.....Date:.....

S.No:

05-03-2014

SENSOR BASED ENERGY CONSERVATION INSTALATION REPORT

This is to certify that the installation of sensor based energy device and related accessories for the automatic control of street lights for illuminating the campus premises at Santhiram Medical College, were installed and ready to use.

This is provided with a sensor unit for deactivating an electrical appliance when left unattended by its user. The sensor unit includes a passive sensor for sensing the user through a field of light provided within a viewable distance of the electrical appliance. The sensor unit further includes a controller device with an adjustable timer which is in electrical communication with the passive sensor for counting toward a predetermined amount of time when the user is not sensed within the field of light.

This Energy preservation is the endeavor made to reduce the consumption of energy by using fewer of an energy service, achieved by using energy more efficiently through this sensor based technology (using less energy for a constant service). This is a part of the concept of Eco-sufficiency and Use of sensors reduce the need for energy services and increases environmental quality and also lower energy costs by preventing future depletion.

For Balu Electrical Contracts
C. T. S. S. S. S. S.
Proprietor

KEERTHI ENGINEERS FABRICATORS

Shop No.5-3-296 to 303, Opp.Buddha Bhavan, M.G.Road, Secunderabad - 500 003.

Email : keerthi.keerthifab@gmail.com

Ph: 040-27530338

9394864536

GST TAX INVOICE

GSTIN No: 36AQHPD9634J1ZK	Transportation Mode : BY ROAD	30-9
Tax is Payable on reverse charge : (Yes/No)	Veh.No. : TS 15UA 2890	
INVOICE NO: 2019-20 /188	Date & Time of Supply : 18.09.19	
Date : 18.09.2019	Place of Supply : NANDYAL	
	MOBILE NO: 9866308426	

Details of Receiver (Billed to)		Details of Consignee (Shipped to)	
Address :	SANTHI RAM MEDICAL COLLEGE NANDYAL, KURNOOL DT	Address :	SANTHI RAM MEDICAL COLLEGE NANDYAL, KURNOOL DT
State :	ANDHRAPRADESH	State :	ANDHRAPRADESH
StateCode	37	StateCode	37
GSTIN NO.:	URP	GSTIN NUMBER	URP

21 SEP 2019

SANTHI RAM MEDICAL COLLEGE & General Hospital Nandyal

INVARL TAPIAL

S.No.	Description of Goods	HSN Code	QTY	Rate	GROSS
1	SUPPLY OF OUT DOOR TYPE TIMER BOX'S WITH MS STANDS	8537	3 SET'S	15,500.00	46,500.00
2	JUNCTION BOX'S	7308	20 NO'S	750.00	15,000.00
3	BRACKET BEND PIPES	7306	10 NO'S	950.00	9,500.00
4	CABLE BEND PIPES FOR JUNCTION BOX'S	7308	20 NO'S	550.00	11,000.00

Invoice Value (In Words)	Total	RS: 82,000 = 00
RS: 96,760/- NINETY SIX THOUSANDS SEVEN HUNDRED AND SIXTY ONLY	CGST 9%	
	SGST 9%	
	IGST 18 %	14,760.00
	R/O +	-
	Invoice Total	RS : 96,760 = 00

Bank Details : SYNDICATE BANK, R.P.Road, Secunderabad. A/c No. 30301400000530 IFSC Code : SYNB0003030	For KEERTHI ENGINEERS FABRICATORS 
---	---

<p>TERM & CONDITION :</p> <ol style="list-style-type: none"> Goods once sold will not be taken back or exchanged. Payment strictly as per term & condition agreed otherwise penalty will be charged. Subject to Secunderabad Jurisdiction. We are not responsible for anything after dispatch from our godown. 	<p>Receiver's Signatory</p> <p>M. Ramesh CENTRAL STORE Santhiram Medical College NANDYAL</p> <p>21/9/19</p>
---	--

*Received
And
Issued
Date*

*The above material used at
Power House / Street Light panel Board
& Instruments)*

KEERTHI ENGINEERS FABRICATORS

Ph: 040-27530338

Shop No.5-3-296 to 303, Opp.Buddha Bhavan, M.G.Road, Secunderabad - 500 003.

9394864536

Email : keerthi.keerthifab@gmail.com

GST TAX INVOICE

GSTIN No: 36AQHPD9634J1ZK

Transportation Mode : BY ROAD

Tax is Payable on reverse charge : (Yes/No)

Veh.No. : BY TRANSPORT

INVOICE NO: 280

Date & Time of Supply : 07.02.2019/20

Date : 07.02.2019/20

Place of Supply : NANDYAL

MOBILE NO: 9866308427

Details of Receiver (Billed to)

Details of Consignee (Shipped to)

Name : SHANTHI RAM MEDICAL COLLEGE

SHANTHI RAM MEDICAL COLLEGE

Address : NANDYAL, KURNOOL DT

NANDYAL

State : ANDHRAPRADESH

ANDHRAPRADESH

State Code : 37

37

TIN NO.: URP

GSTIN NUMBER

URP

S.No.	Description of Goods	HSN Code (GST)	QTY	Rate	GROSS
1	SUPPLY TIMER BOX	8537	1 NO	3,500.00	3,500.00
2	SUPPLY OF JUNCTION BOX'S	8537	7 NO'S	500.00	3,500.00

Invoice Value (In Words)

RS: 8,260/- EIGHT THOUSANDS AND
TWO HUNDERED AND SIXTY ONLY

Total	RS : 7,000 = 00
CGST 9%	-
SGST 9%	-
IGST 18 %	1,260.00
R/O +	-
Invoice Total	RS : 8,260 = 00

Bank Details :
SYNDICATE BANK,
R.P.Road, Secunderabad.
A/c No. 30301400000530
IFSC Code : SYNB0003030

For KEERTHI ENGINEERS FABRICATORS



TERM & CONDITION :

1. Goods once sold will not be taken back or exchanged.
2. Payment strictly as per term & condition agreed otherwise penalty will be charged.
3. Subject to Secunderabad Jurisdiction.
4. We are not responsible for anything after dispatch from our godown.

Receiver's Signatory



7.1.3
Bio Gas Installation
Receipt



RGM COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

NANDYAL - 518501 (Dt.), ANDHRA PRADESH. INDIA

Phone : 08514 - 275201, 275203, 275204, Fax : 08514 - 275123

Web : www.rgmcet.edu.in | E-mail : principal.9@jntua.ac.in | principal@rgmcet.edu.in

Biogas Plant and Its utilization for Santhiram Medical College

A biogas plant is a facility that produces biogas through the anaerobic digestion of organic waste. For a medical college, the implementation of a biogas plant can offer significant environmental and economic benefits by converting organic waste into renewable energy. This report explores the design, installation, and utilization of a biogas plant in Santhiram medical college, Nandyal.

Importance of a Biogas Plant in a Medical College: Biogas plants are crucial for several reasons.

- For efficient disposal of organic waste generated from kitchens, cafeterias, and gardens.
- For generation of renewable energy to reduce dependence on conventional fossil fuels.
- For reduction of greenhouse gas emissions and contribution to a circular economy.
- For lower energy costs and reduced expenses for waste disposal.

Design and Specifications

The design of the biogas plant should align with the specific needs of the medical college

Capacity: The plant's capacity should match the volume of organic waste generated. The capacity of the plant is 10 m^3 .

Feedstock: The plant can process food waste, garden waste, and even human waste from the college and associated hospital

Digester: A robust and leak-proof anaerobic digester to process the organic material efficiently

Gas storage: Adequate storage facilities for the produced biogas, typically involving a gas holder or balloon

By-products Management: Systems for handling the digestate, which can be used as a high-quality fertilizer

Utilization: The biogas produced is utilized in various ways within the medical college. It is used in kitchens for cooking and in heating systems for hot water and space heating. Biogas-powered generators can produce electricity for the campus. Additionally, it provides a clean energy source for laboratory equipment and research facilities. By reducing the volume of waste sent to landfills, it minimizes waste management costs and environmental impact. The digestate is used as a nutrient-rich fertilizer for maintaining the college's landscaping and gardens.

The biogas plant offers numerous advantages for a medical college, including effective waste management, renewable energy production, and cost savings. With careful design, installation, and on-going maintenance, the biogas plant can significantly enhance the sustainability and operational efficiency of the institution. By converting organic waste into valuable resources, the medical college can lead by example in promoting environmental stewardship and energy resilience.

HEAD

Department of Civil Engineering
RGM College of Engg. & Tech., (Autonomous)
NANDYAL-518 501.

WORLD BANK FUNDED INSTITUTION

Offering B.Tech., M.Tech., M.B.A., M.C.A and Ph.D Programs

Approved by AICTE, New Delhi; Affiliated to JNTUA, Ananthapuramu

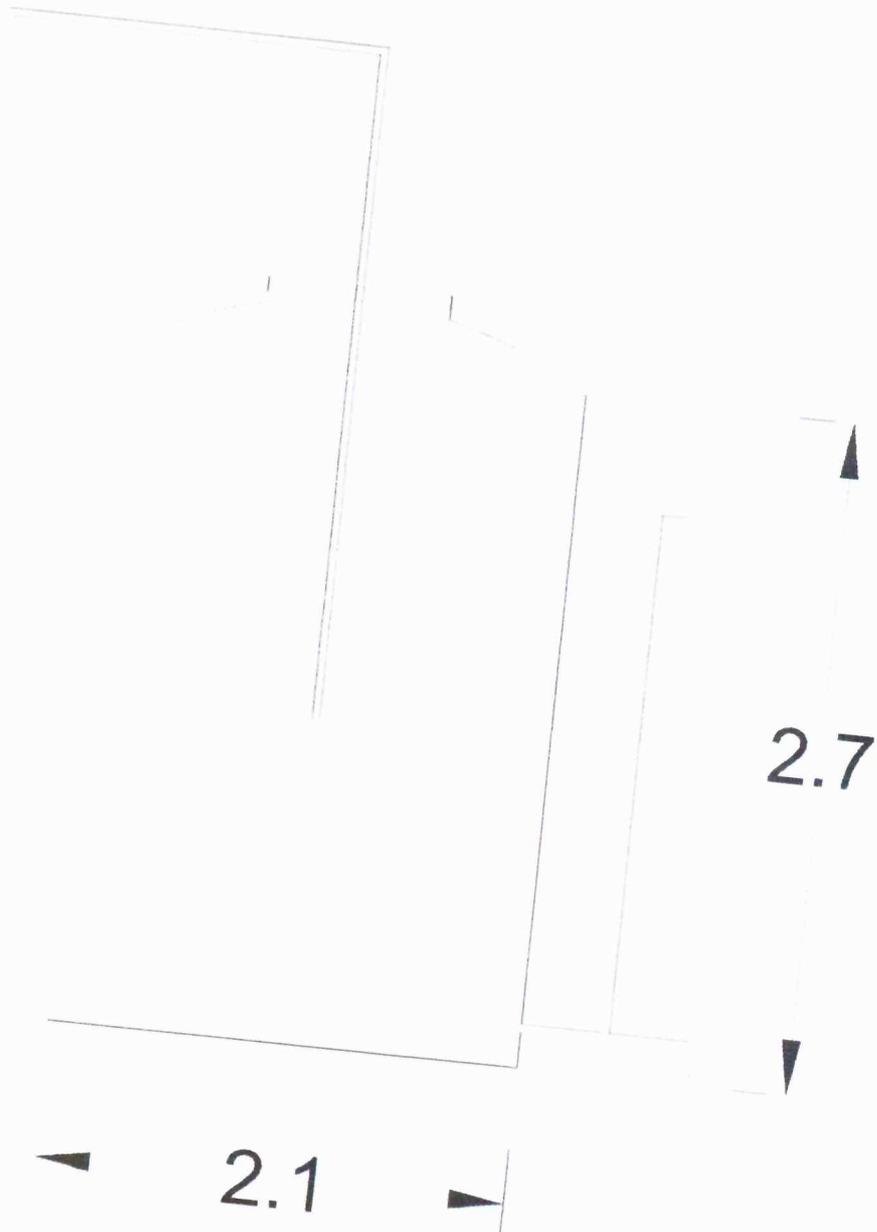
Accredited by NBA (Tier-I) of AICTE (B.Tech in Civil, CSE, EEE, ECE & Mech Engg), Accredited by 'NAAC' of UGC with "A*" Grade
UGC Conferred CPE status (College with Potential for Excellence), APSSDC - SIEMENS-TSDI (Technical Skill Development Institute)

Recognized UGC DDU Kaushal Kendra



SANTHIRAM MEDICAL COLLEGE
NANDYAL-518501, A.P

BIO GAS PLANT



G. Jay.
HEAD

Department of Civil Engineering
RGM College of Engg. & Tech., (Autonomous)
NANDYAL-518 501.

**7.1.3
BILLS FOR
PURCHASE OF
ENERGY SAVING LED
BULBS FOR THE
YEAR OF 2022-2023**



SANTHIRAM MEDICAL COLLEGE
NANDYAL-518501, A.P

PURCHASE OF LED BULBS FOR THE YEAR -2022-2023

S.No	Invoice No	Invoice date	Item	Total Qty	Total Amount
1	83	19-04-2022	24 w LED bulb	40	9800
2	229	26-05-2022	24 w LED bulb	40	9800
3	229	26-05-2022	9 w LED bulb	50	3250.24
4	315	01-07-2022	24 w LED bulb	40	9800
5	315	01-07-2022	30 w LED bulb	40	20400.13
6	620	25-10-2022	2.7 w LED bulb	21	1637.96
7	620	25-10-2022	9 w LED bulb	100	6199.72
8	620	25-10-2022	30 w LED bulb	38	19569.97
9	620	25-10-2022	24 w LED bulb	60	13500.14
10	695	18-11-2022	36 w LED bulb	12	50999
11	875	19-01-2023	36 w LED bulb	40	26000
12	875	19-01-2023	25 w LED bulb	100	41100
13	875	19-01-2023	9 w LED bulb	100	6199
14	959	10-02-2023	36 w LED bulb	100	50999.6

PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Shree Shiva Vignateja Agencies#2/396-A. Room No:34, CP Complex,
Nandyal

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L2Z5

Contact : 7981863399

Party Details
SANTHIRAM MEDICAL COLLEGE
Kurnool Road
NANDYAL
Mobile:9704645454Invoice No : **SSVA-0083/21-22**
Invoice Date : **19-Apr-22**

S- No	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GRO- SS AMOUNT	TAX AMT	NET AMT
1	ECOLINK 24W BATTEN(CW)PC	94051090	12 %	40 pcs	245.00	218.75	8,750.00	1,050.00	9,800.00
2	PHILIPS TLD 36W/54 Life Max 1SL /36Pcs Tubes	85393190	18 %	36 pcs	38.00	32.20	1,159.20	208.66	1,367.86
				76 pcs			9,909.20	1,258.66	11,167.86

Terms & Conditions

Amount in words :

INR Eleven Thousand One Hundred Sixty Eight Only

E&OE

Prev.Balance: 64,630.00 Dr
Bill Amt.: 11,168.00 Dr
Net Balance: 75,798.00 DrBANK DETAILS
Bank Name : State Bank of India
Account No : 40646544278
Branch : SME Nandyal
IFSC : SBIN0017981Sub Total 9,909.20
CGST 629.33
SGST 629.33
IGST
Round Off 0.14
Sub Total **11,168.00**

Receiver Sign

for Shree Shiva Vignateja Agencies

Authorised Signatory

Tally-KR SOLUTIONS

This is a computer generated invoice

EIB


PRINCIPAL
Santhiram Medical College
 NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Shree Shiva Vignateja Agencies

#2/396-A. Room No:34, CP Complex,
Nandyal

State Name : Andhra Pradesh, Code : 37
GSTIN/UIN: 37AKDPB5335L2Z5
Contact : 7981863399

Party Details SANTHIRAM MEDICAL COLLEGE Kurnool Road NANDYAL Mobile:9704645454	Invoice No : SSVA-0229/21-22 Invoice Date : 26-May-22
---	--

S-No	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GRO-SS AMOUNT	TAX AMT	NET AMT
1	ECOLINK 24W BATTEN(CW)PC	94051090	12 %	40 pcs	245.00	218.75	8,750.00	1,050.00	9,800.00
2	ECOLINK 9W LED BULB CW B22	85395000	12 %	50 pcs	65.00	58.04	2,902.00	348.24	3,250.24
3	PHILIPS Sumo Xtreme 136TLD CHOWK	85041010	18 %	30 pcs	115.00	97.46	2,923.80	526.28	3,450.08
				120 pcs			14,575.80	1,924.52	16,500.32



36/5/22

Terms & Conditions

Amount in words : INR Sixteen Thousand Five Hundred Only E&OE

Prev. Balance: 56,873.00 Dr	BANK DETAILS Bank Name : State Bank of India Account No : 40646544278 Branch : SME Nandyal IFSC : SBIN0017981	Sub Total	14,575.80
Bill Amt. : 16,500.00 Dr		CGST	962.26
Net Balance: 73,373.00 Dr		SGST	962.26
		IGST	
		Round Off	(-)0.32
		Sub Total	16,500.00

Receiver Sign	for Shree Shiva Vignateja Agencies
	Authorised Signatory

Tally-KR SOLUTIONS This is a computer generated invoice


PRINCIPAL
Santhiram Medical College
 NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Shree Shiva Vignateja Agencies

#25/534, Srinivasa Nagar,
Nandyal

State Name Andhra Pradesh, Code 37

GSTIN/UIN: 37AKDPB5335L225

Contact: 7981863399

Party Name:
SANTHIRAM MEDICAL COLLEGE
Nandyal
NANDYAL
Mobile: 9704615454

Invoice No: SSVA-0315/22-23
Invoice Date: 1-Jul-22

S. No.	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GRO-SS AMOUNT	TAX AMT	NET AMT
✓	10 PINK 24W BA TEN(CW)PC	94051090	12 %	40 pcs	245.00	218.75	8,750.00	1,050.00	9,800.00
	10 IPS Sunshine Advance 30W 1000lm LED Batten C	94051090	12 %	40 pcs	510.00	455.36	18,214.40	2,185.73	20,400.13



80 pcs 26,964.40 3,235.73 30,200.13

Terms & Conditions

Amount in words	INR Thirty Thousand Two Hundred Only	E&OE
Prev. Balance: 88,727.00 Dr	BANK D/ TAILS	Sub Total: 26,964.40
Estt. Amt: 30,200.00 Cr	Bank Name: State Bank of India	CGST: 1,617.86
Net Balance: 1,18,927.00 Dr	Account No: 40646544278	SGST: 1,617.86
	Branch: SME Nandyal	Round Off: (-) 0.12
	IFSC: SBIN0017981	Sub Total: 30,200.00

Receiver Sign

for Shree Shiva Vignateja Agencies

B. Srinivas

Authorized Signatory

Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Shree Shiva Vignateja Agencies

#25/534, Srinivasa Nagar,
Nandyal

State Name : Andhra Pradesh, Code : 37
GSTIN/UIN: 37AKDPB5335L2Z5
Contact : 7981863399

Party Details SANTHIRAM MEDICAL COLLEGE Kurnool Road NANDYAL Mobile:9704645454	Invoice No : SSVA-0620/22-23 Invoice Date : 25-Oct-22
---	--

S- No	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GRO-SS AMOUNT	TAX AMT	NET AMT
1	TR-929001254214-AceSaver 2.7W 230lm B22 6500K A50	85395000	18 %	21 pcs	78.00	66.10	1,388.10	249.86	1,637.96
2	ECOLINK 9W LED BULB CW B22	85395000	18 %	100 pcs	62.00	52.54	5,254.00	945.72	6,199.72
3	PHILIPS Slimline Advance 30W 3000lm LED Batten C	94051090	18 %	38 pcs	515.00	436.44	16,584.72	2,985.25	19,569.97
4	ECOLINK 24W BATTEN(CW)PC	94051090	18 %	60 pcs	225.00	190.68	11,440.80	2,059.34	13,500.14
5	PHILIPS TLD 36W/54 Lifemax Plus 1S/36Pos Tubes	85393190	18 %	180 pcs	39.00	33.05	5,949.00	1,070.82	7,019.82

22/10/22



399 pcs 40,616.62 7,310.99 47,927.61

Terms & Conditions	
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Amount in words : INR Forty Seven Thousand Nine Hundred Twenty Eight Only E&OE

Prev. Balance: 37,782.00 Dr	BANK DETAILS	Sub Total	40,616.62
Bill Amt: 47,928.00 Dr	Bank Name: State Bank of India	CGST	3,655.49
Net Balance: 85,710.00 Dr	Account No: 40646544278	SGST	3,655.49
	Branch: SME Nandyal	IGST	
	IFSC: SBIN0017981	Round Off	0.40
		Sub Total	47,928.00

Receiver Sign	for Shree Shiva Vignateja Agencies <i>[Signature]</i> Authorised Signatory
---------------	--

Tally-ER SOLUTIONS

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Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Shree Shiva Vignateja Agencies

#25/534, Srinivasa Nagar,
Nandyal

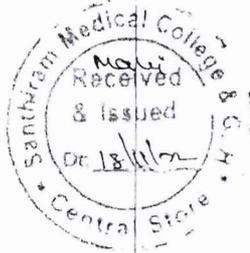
State Name : Andhra Pradesh, Code : 37
GSTIN/UIN: 37AKDPB5335L2Z5
Contact : 7981863399

Party Details SANTHIRAM MEDICAL COLLEGE Kurnool Road NANDYAL Mobile:9704645454	Invoice No : SSVA-0695/22-23 Invoice Date : 18-Nov-22
--	--

S- No	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GRO-SS AMOUNT	TAX AMT	NET AMT
✓	36W EcoLink Batten (CW) AL	94054090	18 %	100 pcs	510 00	432.20	43,220.00	7,779.60	50,999.60
				100 pcs			43,220.00	7,779.60	50,999.60

Handwritten signature

Handwritten signature



Terms & Conditions	
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Amount in words : INR Fifty One Thousand Only	E&OE
Prev Balance: 1,27,859.76 Dr	BANK DETAILS
Bill Amt : 51,000.00 Dr	Bank Name : State Bank of India
Net Balance: 1,78,859.76 Dr	Account No : 40646544278
	Branch : SME Nandyal
	IFSC : SBIN0017981
	Sub Total 43,220.00
	CGST 3,889.80
	SGST 3,889.80
	Round Off 0.40
	Sub Total 51,000.00

Receiver Sign	for Shree Shiva Vignateja Agencies
	Authorized Signatory

Tally-RR SOLUTIONS This is a computer generated invoice

PINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

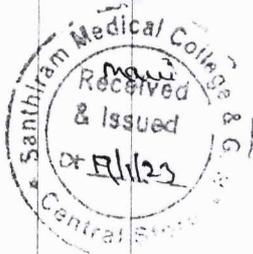
Shree Shiva Vignateja Agencies

#25/534, Srinivasa Nagar,
Nandyal
State Name : Andhra Pradesh, Code : 37
GSTIN/UIN: 37AKDPB5335L2Z5
Contact : 7981863399

Party Details
SANTHIRAM MEDICAL COLLEGE
Kurnool Road
NANDYAL
Mobile: 9704645454

Invoice No : SSSA-0875/22-23
Invoice Date : 19-Jan-23

S- No	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GROSS AMOUNT	TAX AMT	NET AMT
1	PHILIPS SLIMLINE ADVANCE 36W 3600LM LED BATTEN C	94051090	18 %	40 pcs	650.00	550.85	22,034.00	3,966.12	26,000
2	PHILIPS Slimline Advance 25W 2500lm LED Batten C	94051090	18 %	100 pcs	411.01	348.31	34,831.00	6,269.58	41,100
3	ECOLINK 9W LED BULB CW B22	85395000	18 %	100 pcs	62.00	52.54	5,254.00	945.72	6,199
4	PHILIPS Sumo Xtreme 136TLD CHOWK	85041010	18 %	30 pcs	113.00	95.76	2,872.80	517.10	3,389
270 pcs							64,991.80	11,698.52	76,690.3



45/23

Terms & Conditions

Amount in words : INR Seventy Six Thousand Six Hundred Ninety Only

F&O

Bank Balance 1,97,954.76 Dr
Bank of India
Bank of India
2,74,644.76 Dr

BANK DETAILS
Bank of India
Branch: Nandyal
Account No: 1234567890
IFSC: INDIAN0001234567890

PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

Shree Shiva Vignateja Agencies

#25/534, Srinivasa Nagar,
Nandyal

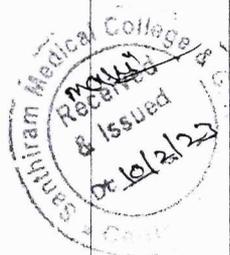
State Name : Andhra Pradesh, Code : 37
GSTIN/UIN: 37AKDPB5335L2Z5
Contact : 7981863399

Party Details
SANTHIRAM MEDICAL COLLEGE
Kurnool Road
NANDYAL
Mobile:9704645454

Invoice No : SSVA-0959/22-23
Invoice Date : 10-Feb-23

S- No	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GROSS AMOUNT	TAX AMT	NET AMT
1	36W EcoLink Batten (CW) AL	94054090	18 %	100 pcs	510.00	432.20	43,220.00	7,779.60	50,999.60
100 pcs							43,220.00	7,779.60	50,999.60

36/2/23



Terms & Conditions

Amount in words : INR Fifty One Thousand Only

E&OE

Prev. Balance: 2,86,460.76 Dr
Bill Amt : 51,000.00 Dr
Net Balance: 3,37,460.76 Dr

BANK DETAILS
Bank Name : State Bank of India
Account No : 40646544278
Branch : SME Nandyal
IFSC : SBIN0017981

Sub Total 43,220.00
CGST 3,889.80
SGST 3,889.80
Round Off 0.40

Sub Total **51,000.00**

Receiver Sign

Santhiram Medical College & Hospital
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

for Shree Shiva Vignateja Agencies

Authorised Signatory

7.1.3
BILLS FOR PURCHASE
OF ENERGY SAVING
LED BULBS FOR THE
YEAR OF 2021-2022



SANTHIRAM MEDICAL COLLEGE
NANDYAL-518501, A.P

PURCHASE OF LED BULBS FOR THE YEAR -2021-2022

S.No	Invoice No	Invoice date	Item	Total Qty	Total Amount
1	2369	28-01-2021	36 w LED bulb	60	10500.35
2	2459	15-02-2021	24 w LED bulb	87	20010.28
3	292	21-01-2022	36 w LED bulb	72	2304.12
4	292	21-01-2022	24 w LED bulb	40	9800
5	292	21-01-2022	9 w LED bulb	50	3250.24


PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

TAX INVOICE

Siva Vigna Teja Agencies

D.No.2/396/2, C P Complex

Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details Shafa Educational Society(Shanthiram College) Shanthiram Institutes 9177463821 Mobile:9177463821.		Invoice No : SVTE-2369-20-21
		Invoice Date : 28-Jan-2021
		Despatch Through.
		Destination.
		Vehicle No.

S- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Life Max 36w Tube	8539	18 %	144 pc's		38.00	32.20		4,636.80	834.62	5,471.42
2	Philips Tarang Sleek 36w Batten	94051090	18 %	60 pc's		175.01	148.31		8,898.60	1,601.75	10,500.35
3	Philips Sumo Xtreme Chowke	8504	18 %	60 pc's		116.01	98.31		5,898.60	1,061.75	6,960.35



72/01/21

264 pc's

19,434.00 . 3,498.12 . 22,932.12

Terms & Conditions	HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
	8539	4,636.80	9%	417.31	9%	417.31	834.62
	94051090	8,898.60	9%	800.87	9%	800.87	1,601.74
	8504	5,898.60	9%	530.87	9%	530.87	1,061.74
	Total	19,434.00		1,749.05		1,749.05	3,498.10

Amount in words: INR Twenty Two Thousand Nine Hundred Thirty Two Only

E&OE

Av. Balance: 17,794.00 Dr	BANK DETAILS	CGST:	1,749.05
Payable Amt.: 22,932.00 Dr	Bank Name: State Bank of India	SGST:	1,749.05
Balance: 40,726.00 Dr	Account No: 38950936229	IGST:	
	Branch: SME Nandyal.	Round Off(+/-)	-0.10
	IFSC: SBIN0017981	GRAND TOTAL	22,932.00

Receiver Sign

for Siva Vigna Teja Agencies

Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

D.No.2/396/2, C P Complex

Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details

Shafa Educational Society(Shanthiram College)

Shanthiram Institutes

9177463821

Mobile:9177463821

Invoice No : SVTE-2459-20-21

Invoice Date : 15-Feb-2021

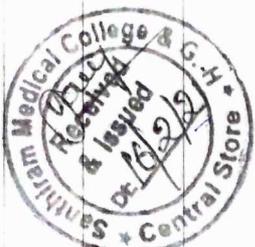
Despatch Through. :

Destination. :

Vehicle No. :

Sl No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Ecolink 24w Batten(Cw)Pc	9405	12 %	87 pc's		230.00	205.36		17,866.32	2,143.96	20,010.28

59/02/21



87 pc's

17,866.32

2,143.96

20,010.28

Terms & Conditions

HSN/SAC

Taxable Value

Central Tax Rate

State Tax Rate

Total Tax Amount

9405

17,866.32

6%

1,071.98

6%

1,071.98

2,143.96

Total

17,866.32

1,071.98

1,071.98

2,143.96

Amount in words : INR Twenty Thousand Ten Only

E&OE

Pre Balance: 60,603.04 Dr

Bill Amt : 20,010.00 Dr

Net Balance: 80,613.04 Dr

BANK DETAILS

Bank Name : State Bank of India

Account No : 38950936229

Branch : SME Nandyal

IFSC : SBIN0017981

CGST

SGST

IGST

Round Off(+/-)

1,071.98

1,071.98

-0.28

GRAND TOTAL

20,010.00

Receiver Sign

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Shree Shiva Vignateja Agencies

#25/534, Srinivasa Nagar,
Nandyal

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L2Z5

Contact : 7981863399

Party Details SANTHIRAM MEDICAL COLLEGE Kurnool Road NANDYAL Mobile: 9704645454	Invoice No : SSVA-0292/21-22 Invoice Date : 21-Jun-22
--	--

S- No	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GRO-SS AMOUNT	TAX AMT	NET AMT
1	EC-92800540546336W Ecolink StarLight TubelLight	85393190	18 %	72 pcs	32.00	27.12	1,952.64	351.48	2,304.12
2	ECOLINK 24W BATTEN(CW)PC	94051090	12 %	40 pcs	245.00	218.75	8,750.00	1,050.00	9,800.00
3	ECOLINK 9W LED BULB CW B22	85395000	12 %	50 pcs	65.00	58.04	2,902.00	348.24	3,250.24
				162 pcs			13,604.64	1,749.72	15,354.36



Terms & Conditions

Amount in words: INR Fifteen Thousand Three Hundred Fifty Four Only F.&OE

Prev Balance: 78,334.00 Dr	BANK DETAILS Bank Name : State Bank of India Account No : 40646544278 Branch : SME Nandyal IFSC : SBIN0017981	Sub Total	13,604.64
Bill Amt: 15,354.00 Dr		CGST	874.86
Net Balance: 83,727.00 Dr		SGST	874.86
		IGST	
		Round Off	(-)0.36
		Sub Total	15,354.00

Receiver Sign _____ for Shree Shiva Vignateja Agencies
Authorized Signatory _____

This is a computer generated invoice

Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

7.1.3
BILLS FOR
PURCHASE OF
ENERGY SAVING LED
BULBS FOR THE
YEAR OF 2020-2021



SANTHIRAM MEDICAL COLLEGE
NANDYAL-518501, A.P

PURCHASE OF LED BULBS FOR THE YEAR -2020-2021

S.No	Invoice No	Invoice date	Item	Total Qty	Total Amount
1	2031	30-11-2020	36 w LED bulb	30	5399.92
2	2132	12-12-2020	36 w LED bulb	30	5250.17
3	2217	26-12-2020	36 w LED bulb	236	41301.37
4	2397	02-02-2021	36 w LED bulb	100	21499.6
5	2397	02-02-2021	0.5 w LED bulb	102	3774.49
6	2397	02-02-2021	10 w LED bulb	100	1249.62
7	2683	25-03-2021	10 w LED bulb	100	1249.62
8	2683	25-03-2021	36 w LED bulb	30	5380.8

PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

D.NO.2/396/2, C P Complex
Nandyal
Office No:08514221444
Ph:9010444864

State Name : Andhra Pradesh, Code : 37
GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details

Safa Educational Society(Shanthiram College)
Shanthiram Institutes
9177463821
Mobile:9177463821

Invoice No : SVTE-2031-20-21
Invoice Date : 30-Nov-2020
Despatch Through :
Destination :
Vehicle No. :

S- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Tarang Sleek 36w Batten	94051090	18 %	30 pc's		180.00	152.54		4,576.20	823.72	5,399.92
2	Philips Sumo Xtreme Chowke	8504	18 %	60 pc's		115.00	97.46		5,847.60	1,052.57	6,900.17

30/11/20
CENTRAL STORE
Santhiram Medical College
NANDYAL.


PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

90 pc's 10,423.80 1,876.29 12,300.09

Terms & Conditions

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
94051090	4,576.20	9%	411.86	9%	411.86	823.72
8504	5,847.60	9%	526.28	9%	526.28	1,052.56
Total	10,423.80		938.14		938.14	1,876.28

Amount in words : INR Twelve Thousand Three Hundred Only

E&OE

Prev Balance: 17,794.00 Dr
Bill Amt : 12,300.00 Dr
Net Balance: 30,094.00 Dr

BANK DETAILS
Bank Name : State Bank of India
Account No : 38950936229
Branch : SME Nandyal
IFSC : SBIN0017981



CGST 938.14
SGST 938.14
IGST
Round Off(+/-) -0.08
GRAND TOTAL 12,300.00

Receiver Sign

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

Siva Vigna Teja Agencies

D.No.2/396/2, C P Complex
Nandyal
Office No:08514221444
Ph:9010444864

State Name : Andhra Pradesh, Code : 37
GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details Shafa Educational Society Shanthiram Institutes- 9177463821 Mobile:9177463821						Invoice No : SVTE-2132-20-21 Invoice Date : 12-Dec-2020 Despatch Through. : Destination. : Vehicle No. :					
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S- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Tarang Sleek 36w Batten	94051090	18 %	30 pc's		175.01	148.31		4,449.30	800.87	5,250.17

Received
Dt: 12/12/20
60/12
CENTRAL STORE
Santhiram Medical College
MANDYAL.

30 pc's 4,449.30 800.87 5,250.17

Terms & Conditions	HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
			Rate	Amount	Rate	Amount	
	94051090	4,449.30	9%	400.44	9%	400.44	800.88
	Total	4,449.30		400.44		400.44	800.88

Amount in words: INR Five Thousand Two Hundred Fifty Only E&OE

Prev.Balance: 17,794.00 Dr	BANK DETAILS Bank Name : State Bank of India Account No : 38950936229 Branch : SME Nandyal IFSC : SBIN0017981	CGST	400.44
Bill Amt. : 5,250.00 Dr		SGST	400.44
Net Balance: 23,044.00 Dr		IGST	
		Round Off(+/-)	-0.18
		GRAND TOTAL	5,250.00

PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

Receiver Sign for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

Siva Vigna Teja AgenciesD.No.2/396/2, C P Complex
Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details Shafa Educational Society(Shanthiram College) Shanthiram Institutes 1177463821 Mobile:9177463821	Invoice No : SVTE-2217-20-21 Invoice Date : 26-Dec-2020 Despatch Through. : Destination. : Vehicle No. :
--	--

Sl. No.	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Life Max 36w Tube	8539	18 %	236 pc's		37.00	31.36		7,400.96	1,332.17	8,733.13
2	Philips Tarang Sleek 36w Batten	94051090	18 %	236 pc's		175.01	148.31		35,001.16	6,300.21	41,301.37
				472 pc's		42,402.12	7,632.38		50,034.50		



Terms & Conditions

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8539	7,400.96	9%	666.09	9%	666.09	1,332.18
94051090	35,001.16	9%	3,150.10	9%	3,150.10	6,300.20
Total	42,402.12		3,816.19		3,816.19	7,632.38

Amount in words : INR Fifty Thousand Thirty Five Only

E&OE

v.Balance: 17,794.00 Dr	BANK DETAILS	CGST	3,816.19
l Amt. : 50,035.00 Dr	Bank Name : State Bank of India	SGST	3,816.19
l Balance: 67,829.00 Dr	Account No : 38950936229	Round Off(+/-)	0.50
	Branch : SME Nandyal	GRAND TOTAL	50,035.00
	IFSC : SBIN0017981		

Receiver Sign

PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

Siva Vigna Teja Agencies

D.No.2/396/2, C P Complex

Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

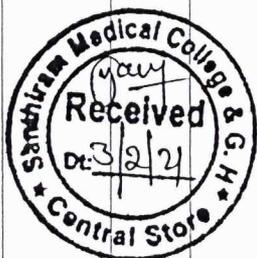
GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details
 Siva Vigna Educational Society(Shanthiram College)
 Shanthiram Institutes
 177463821
 Mobile:9177463821

Invoice No : SVTE-2397-20-21
 Invoice Date : 2-Feb-2021
 Despatch Through. :
 Destination. :
 Vehicle No. :

Sl No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Tarang Electronic Patti 36w	94051090	18 %	100 pc's		215.00	182.20		18,220.00	3,279.60	21,499.60
2	Philips Life Max 36w Tube	8539	18 %	252 pc's		37.00	31.36		7,902.72	1,422.49	9,325.21
3	Philips Sumo Xtreme Chowke	8504	18 %	60 pc's		116.01	98.31		5,898.60	1,061.75	6,960.35
4	Philips Deco 0.5w Led Lamp	85395000	12 %	102 pc's		37.00	33.04		3,370.08	404.41	3,774.49
5	Philips Night Lamps 10w	85392910	18 %	100 pc's		12.50	10.59		1,059.00	190.62	1,249.62



6/02/21

614 pc's

36,450.40

6,358.87

42,809.27

Terms & Conditions

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
94051090	18,220.00	9%	1,639.80	9%	1,639.80	3,279.60
8539	7,902.72	9%	711.24	9%	711.24	1,422.48
8504	5,898.60	9%	530.87	9%	530.87	1,061.74
85395000	3,370.08	6%	202.20	6%	202.20	404.40
85392910	1,059.00	9%	95.31	9%	95.31	190.62
Total	36,450.40		3,179.42		3,179.42	6,358.84

Amount in words : INR Forty Two Thousand Eight Hundred Nine and Four paise Only

E&OE

Rev. Balance: 17,794.00 Dr
 Bill Amt. : 42,809.04 Dr
 Net Balance: 60,603.04 Dr

BANK DETAILS
 Bank Name : State Bank of India
 Account No : 38950936229
 Branch : SME Nandyal
 IFSC : SBIN0017981

CGST : 3,179.42
 SGST : 3,179.42
 Round Off(+/-) : -0.20

GRAND TOTAL 42,809.04

Receiver Sign

(Signature)
 PRINCIPAL
 Siva Vigna Medical College
 N-140, NANDYAL-518 501, Nandyal Dt. A.P.

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

Siva Vigna Teja Agencies

D.No.2/396/2, C P Complex

Nandyal

Office No:08514221444

Ph:9010444864

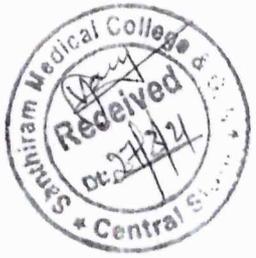
State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details	Invoice No	: SVTE-2683-20-21
Shanmuga Educational Society(Shanthiram College)	Invoice Date	: 25-Mar-2021
Shanthiram Institutes	Despatch Through	:
177463821	Destination	:
Mobile:9177463821	Vehicle No.	:

Sl- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Sumo Xtreme Chowke	8504	18 %	120 pc's		118.00	100.00		12,000.00	2,160.00	14,160.00
2	Philips Life Max 36w Tube	8539	18 %	216 pc's		38.00	32.20		6,955.20	1,251.94	8,207.14
3	Philips Night Lamps 10w	85392910	18 %	100 pc's		12.50	10.59		1,059.00	190.62	1,249.62
4	Philips Tarang Sleek 36w Batten	94051090	18 %	30 pc's		179.36	152.00		4,560.00	820.80	5,380.80
5	Philips Starters	8536	18 %	72 pc's		9.50	8.05		579.60	104.33	683.93
									25,153.80	4,527.69	29,681.49



Handwritten signature/initials in blue ink.

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
8504	12,000.00	9%	1,080.00	9%	1,080.00	2,160.00
8539	6,955.20	9%	625.97	9%	625.97	1,251.94
85392910	1,059.00	9%	95.31	9%	95.31	190.62
94051090	4,560.00	9%	410.40	9%	410.40	820.80
8536	579.60	9%	52.16	9%	52.16	104.32
Total	25,153.80		2,263.84		2,263.84	4,527.68

Amount in words : INR Twenty Nine Thousand Six Hundred Eighty One Only E&OE

Balance: 64,659.04 Dr	BANK DETAILS	CGST	2,263.84
Amt. : 29,681.00 Dr	Bank Name : State Bank of India	SGST	2,263.84
Balance: 94,340.04 Dr	Account No : 38950936229	Round Off(+/-)	-0.48
	Branch : SME Nandyal	GRAND TOTAL	29,681.00
	IFSC : SBIN0017981		

Receiver Sign

Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

for Siva Vigna Teja Agencies

7.1.3
Bills for Purchase of
Energy Saving LED Bulb
for the Year
2021 - 22



SANTHIRAM MEDICAL COLLEGE
NANDYAL-518501, A.P

PURCHASE OF LED BULBS FOR THE YEAR -2021-2022

S.No	Invoice No	Invoice date	Item	Total Qty	Total Amount
1	2369	28-01-2021	36 w LED bulb	60	10500.35
2	2459	15-02-2021	24 w LED bulb	87	20010.28
3	292	21-01-2022	36 w LED bulb	72	2304.12
4	292	21-01-2022	24 w LED bulb	40	9800
5	292	21-01-2022	9 w LED bulb	50	3250.24


PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

TAX INVOICE

Siva Vigna Teja Agencies

D.No.2/396/2, C P Complex

Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details
 Shafa Educational Society(Shanthiram College)
 Shanthiram Institutes
 177463821
 Mobile:9477463821.

Invoice No : SVTE-2369-20-21
 Invoice Date : 28-Jan-2021
 Despatch Through.
 Destination.
 Vehicle No.

Sl- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT		
1	Philips Life Max 36w Tube	8539	18 %	144 pc's		38.00	32.20		4,636.80	834.62	5,471.42		
2	Philips Tarang Sleek 36w Batten	94051090	18 %	60 pc's		175.01	148.31		8,898.60	1,601.75	10,500.35		
3	Philips Sumo Xtreme Chowke	8504	18 %	60 pc's		116.01	98.31		5,898.60	1,061.75	6,960.35		
										264 pc's	19,434.00	3,498.12	22,932.12



72/01/21

Terms & Conditions	HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
	8539	4,636.80	9%	417.31	9%	417.31	834.62
	94051090	8,898.60	9%	800.87	9%	800.87	1,601.74
	8504	5,898.60	9%	530.87	9%	530.87	1,061.74
	Total	19,434.00		1,749.05		1,749.05	3,498.10

Amount in words: INR Twenty Two Thousand Nine Hundred Thirty Two Only

E&OE

Av. Balance: 17,794.00 Dr	BANK DETAILS	CGST	1,749.05
l Amt.: 22,932.00 Dr	Bank Name: State Bank of India	SGST	1,749.05
Balance: 40,726.00 Dr	Account No: 38950936229	IGST	
	Branch: SME Nandyal,	Round Off(+/-)	-0.10
	IFSC: SBIN0017981	GRAND TOTAL	22,932.00

Receiver Sign

for Siva Vigna Teja Agencies

D.No.2/396/2, C P Complex

Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details

Siva Educational Society(Shanthiram College)

Shanthiram Institutes

9177463821

Mobile:9177463821

Invoice No : SVTE-2459-20-21

Invoice Date : 15-Feb-2021

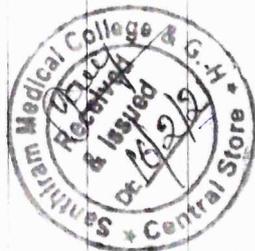
Despatch Through. :

Destination. :

Vehicle No.

Sl No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Ecolink 24w Batten(Cw)Pc	9405	12 %	87 pc's		230.00	205.36		17,866.32	2,143.96	20,010.28

59/02/21



87 pc's

17,866.32 2,143.96

20,010.28

Terms & Conditions	HSN/SAC	Taxable Value		Central Tax		State Tax		Total
		Value	Rate	Amount	Rate	Amount	Tax Amount	
	9405	17,866.32	6%	1,071.98	6%	1,071.98	2,143.96	
	Total	17,866.32		1,071.98		1,071.98	2,143.96	

Amount in words : INR Twenty Thousand Ten Only

E&OE

Pre Balance: 60,603.04 Dr
Bill Amt : 20,010.00 Dr
Net Balance: 80,613.04 Dr

BANK DETAILS
Bank Name : State Bank of India
Account No : 38950936229
Branch : SME Nandyal
IFSC : SBIN0017981

CGST 1,071.98
SGST 1,071.98
IGST
Round Off(+/-) -0.28
GRAND TOTAL 20,010.00

Receiver Sign

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Shree Shiva Vignateja Agencies#25/534, Srinivasa Nagar,
Nandyal

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L2Z5

Contact : 7981863399

Party Details SANTHIRAM MEDICAL COLLEGE Kurnool Road NANDYAL Mobile:9704645454	Invoice No : SSVA-0292/21-22 Invoice Date : 21-Jun-22
---	--

S- No	Item Description	HSN	GST%	Qty	INCL RATE	RATE	GRO- SS AMOUNT	TAX AMT	NET AMT
1	EC-928005405463-35W Ecolink StarLight Tubelight	85393190	18 %	72 pcs	32.00	27.12	1,952.64	351.48	2,304.12
2	ECOLINK 24W BATTEN(CW)PC	94051090	12 %	40 pcs	245.00	218.75	8,750.00	1,050.00	9,800.00
3	ECOLINK 9W LED BULB CW B22	85395000	12 %	50 pcs	65.00	58.04	2,902.00	348.24	3,250.24



162 pcs 13,604.64 1,749.72 15,354.36

Terms & Conditions

Amount in words INR Fifteen Thousand Three Hundred Fifty Four Only F & OE

Prev. Balance: 78,334.00 Dr	BANK DETAILS	Sub Total	13,604.64
Bill Amt: 15,354.00 Dr	Bank Name: State Bank of India	CGST	874.86
Net Balance: 83,727.00 Dr	Account No: 40646544278	SGST	874.86
	Branch: SME Nandyal	IGST	
	IFSC: SBIN0017981	Round Off	(-)0.36

Sub Total **15,354.00**

Receiver Sign

for Shree Shiva Vignateja Agencies

Authorised Signatory

LAW-KR SOLUTIONS

This is a computer generated invoice

7.1.3
Bills for Purchase of
Energy Saving LED Bulb
for the Year
2020 - 21



SANTHIRAM MEDICAL COLLEGE
NANDYAL-518501, A.P

PURCHASE OF LED BULBS FOR THE YEAR -2020-2021

S.No	invoice No	invoice date	item	Total Qty	Total Amount
1	2031	30-11-2020	36 w LED bulb	30	5399.92
2	2132	12-12-2020	36 w LED bulb	30	5250.17
3	2217	26-12-2020	36 w LED bulb	236	41301.37
4	2397	02-02-2021	36 w LED bulb	100	21499.6
5	2397	02-02-2021	0.5 w LED bulb	102	3774.49
6	2397	02-02-2021	10 w LED bulb	100	1249.62
7	2683	25-03-2021	10 w LED bulb	100	1249.62
8	2683	25-03-2021	36 w LED bulb	30	5380.8

PRINCIPAL
Santhiram Medical College
NH-40, NANDYAL-518 501, Nandyal Dt. A.P.

D.No.2/396/2, C P Complex

Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444.9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details

Safa Educational Society(Shanthiram College)

Shanthiram Institutes

9177463821

Mobile:9177463821

Invoice No : SVTE-2031-20-21

Invoice Date : 30-Nov-2020

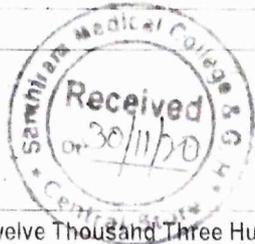
Despatch Through. :

Destination. :

Vehicle No. :

S- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT	
1	Philips Tarang Sleek 36w Batten	94051090	18 %	30 pc's		180.00	152.54		4,576.20	823.72	5,399.92	
2	Philips Sumo Xtreme Chowke	8504	18 %	60 pc's		115.00	97.46		5,847.60	1,052.57	6,900.17	
									90 pc's	10,423.80	1,876.29	12,300.09

30/11/20
CENTRAL STORE
Santhiram Medical College
NANDYAL



Terms & Conditions

HSN/SAC

Taxable Value

Central Tax Rate

State Tax Rate

Total Tax Amount

94051090

4,576.20

9%

411.86

9%

411.86

823.72

8504

5,847.60

9%

526.28

9%

526.28

1,052.56

Total

10,423.80

938.14

938.14

1,876.28

Amount in words: INR Twelve Thousand Three Hundred Only

E&OE

Prev Balance: 17,794.00 Dr
E ill Amt : 12,300.00 Dr
Net Balance: 30,094.00 Dr

BANK DETAILS
Bank Name : State Bank of India
Account No : 38950936229
Branch : SME Nandyal
IFSC : SBIN0017981

(Handwritten signature)

CGST 938.14
SGST 938.14
IGST
Round Off(+/-) -0.08

GRAND TOTAL 12,300.00

Receiver Sign

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

Siva Vigna Teja AgenciesD.No.2/396/2, C P Complex
NandyalOffice No:08514221444
Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details Shafa Educational Society Shanthiram Institutes- 9177463821 Mobile:9177463821	Invoice No : SVTE-2132-20-21 Invoice Date : 12-Dec-2020 Despatch Through. : Destination. : Vehicle No. :
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S- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Tarang Sleek 36w Batten	94051090	18 %	30 pc's		175.01	148.31		4,449.30	800.87	5,250.17



60/12

Received
12/12/20

CENTRAL STORE
Santhiram Medical College
MANDYAL.

30 pc's 4,449.30 800.87 5,250.17

Terms & Conditions	HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
			Rate	Amount	Rate	Amount	
	94051090	4,449.30	9%	400.44	9%	400.44	800.88
	Total	4,449.30		400.44		400.44	800.88

Amount in words : INR Five Thousand Two Hundred Fifty Only E&OE

Prev.Balance: 17,794.00 Dr Bill Amt. : 5,250.00 Dr Net Balance: 23,044.00 Dr	BANK DETAILS Bank Name : State Bank of India Account No : 38950936229 Branch : SME Nandyal IFSC : SBIN0017981	CGST 400.44 SGST 400.44 IGST Round Off(+/-) -0.18 GRAND TOTAL 5,250.00
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Receiver Sign

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

Siva Vigna Teja Agencies

D.No.2/396/2, C P Complex
Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details Shafa Educational Society(Shanthiram College) Shanthiram Institutes 1177463821 Mobile:9177463821		Invoice No : SVTE-2217-20-21 Invoice Date : 26-Dec-2020 Despatch Through. : Destination. : Vehicle No. :
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Sl- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Life Max 36w Tube	8539	18 %	236 pc's		37.00	31.36		7,400.96	1,332.17	8,733.13
2	Philips Tarang Sleek 36w Batten	94051090	18 %	236 pc's		175.01	148.31		35,001.16	6,300.21	41,301.37



12/12

472 pc's 42,402.12 7,632.38 50,034.50

Terms & Conditions	HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
			Rate	Amount	Rate	Amount	
	8539	7,400.96	9%	666.09	9%	666.09	1,332.18
	94051090	35,001.16	9%	3,150.10	9%	3,150.10	6,300.20
	Total	42,402.12		3,816.19		3,816.19	7,632.38

Amount in words: INR Fifty Thousand Thirty Five Only

E&OE

v.Balance: 17,794.00 Dr T.Amt.: 50,035.00 Dr Balance: 67,829.00 Dr	BANK DETAILS Bank Name : State Bank of India Account No : 38950936229 Branch : SME Nandyal IFSC : SBIN0017981	CGST	3,816.19
		SGST	3,816.19
		Round Off(+/-)	0.50
		GRAND TOTAL	50,035.00

Receiver Sign

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

Siva Vigna Teja AgenciesD.No.2/396/2, C P Complex
Nandyal

Office No:08514221444

Ph:9010444864

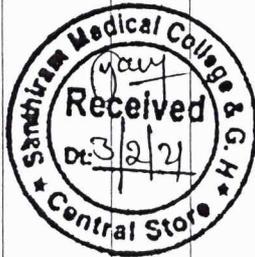
State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details
Siva Educational Society(Shanthiram College)
Shanthiram Institutes
177463821
Mobile:9177463821Invoice No : SVTE-2397-20-21
Invoice Date : 2-Feb-2021
Despatch Through. :
Destination. :
Vehicle No. :

Sl No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Tarang Electronic Patti 36w	94051090	18 %	100 pc's		215.00	182.20		18,220.00	3,279.60	21,499.60
2	Philips Life Max 36w Tube	8539	18 %	252 pc's		37.00	31.36		7,902.72	1,422.49	9,325.21
3	Philips Sumo Xtreme Chowke	8504	18 %	60 pc's		116.01	98.31		5,898.60	1,061.75	6,960.35
4	Philips Deco 0.5w Led Lamp	85395000	12 %	102 pc's		37.00	33.04		3,370.08	404.41	3,774.49
5	Philips Night Lamps 10w	85392910	18 %	100 pc's		12.50	10.59		1,059.00	190.62	1,249.62



6/02/21

614 pc's

36,450.40

6,358.87

42,809.27

Terms & Conditions

HSN/SAC

Taxable

Central Tax

State Tax

Total

Value

Rate

Amount

Rate

Amount

Tax Amount

94051090

18,220.00

9%

1,639.80

9%

1,639.80

3,279.60

8539

7,902.72

9%

711.24

9%

711.24

1,422.48

8504

5,898.60

9%

530.87

9%

530.87

1,061.74

85395000

3,370.08

6%

202.20

6%

202.20

404.40

85392910

1,059.00

9%

95.31

9%

95.31

190.62

Total

36,450.40

3,179.42

3,179.42

6,358.84

Amount in words : INR Forty Two Thousand Eight Hundred Nine and Four paise Only

E&OE

Rev. Balance: 17,794.00 Dr
Bill Amt.: 42,809.04 Dr
Net Balance: 60,603.04 Dr

BANK DETAILS

Bank Name : State Bank of India

Account No : 38950936229

Branch : SME Nandyal

IFSC : SBIN0017981

CGST

3,179.42

SGST

3,179.42

Round Off(+/-)

-0.20

GRAND TOTAL**42,809.04**

Receiver Sign

for Siva Vigna Teja Agencies

Authorised Signatory

TAX INVOICE

Siva Vigna Teja Agencies

D.No.2/396/2, C P Complex

Nandyal

Office No:08514221444

Ph:9010444864

State Name : Andhra Pradesh, Code : 37

GSTIN/UIN: 37AKDPB5335L1Z6

Contact : 08514221444,9010444864 E-Mail : hardika.ramesh@gmail.com

Party Details

Shafa Educational Society(Shanthiram College)

Shanthiram Institutes

9177463821

Mobile:9177463821

Invoice No : SVTE-2683-20-21

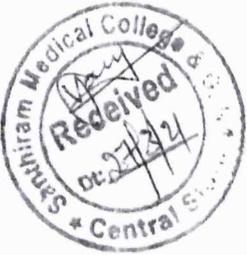
Invoice Date : 25-Mar-2021

Despatch Through :

Destination :

Vehicle No. :

S- No	Item Description	HSN	GST%	Qty	FREE	With Tax	Without Tax	DIS%	GROSS AMOUNT	TAX AMT	NET AMT
1	Philips Sumo Xtreme Chowke	8504	18 %	120 pc's		118.00	100.00		12,000.00	2,160.00	14,160.00
2	Philips Life Max 36w Tube	8539	18 %	216 pc's		38.00	32.20		6,955.20	1,251.94	8,207.14
3	Philips Night Lamps 10w	85392910	18 %	100 pc's		12.50	10.59		1,059.00	190.62	1,249.62
4	Philips Tarang Sleek 36w Batten	94051090	18 %	30 pc's		179.36	152.00		4,560.00	820.80	5,380.80
5	Philips Starters	8536	18 %	72 pc's		9.50	8.05		579.60	104.33	683.93
									25,153.80	4,527.69	29,681.49



41/3/21

Conditions

HSN/SAC

Taxable

Central Tax

State Tax

Total

Value

Rate

Amount

Rate

Amount

Tax Amount

8504

12,000.00

9%

1,080.00

9%

1,080.00

2,160.00

8539

6,955.20

9%

625.97

9%

625.97

1,251.94

85392910

1,059.00

9%

95.31

9%

95.31

190.62

94051090

4,560.00

9%

410.40

9%

410.40

820.80

8536

579.60

9%

52.16

9%

52.16

104.32

Total

25,153.80

2,263.84

2,263.84

4,527.68

Words: INR Twenty Nine Thousand Six Hundred Eighty One Only

E&OE

: 64,659.04 Dr

: 29,681.00 Dr

: 94,340.04 Dr

BANK DETAILS

Bank Name : State Bank of India

Account No : 38950936229

Branch : SME Nandyal

IFSC : SBIN0017981

CGST

2,263.84

SGST

2,263.84

Round Off(+/-)

-0.48

GRAND TOTAL**29,681.00**

Receiver Sign

for Siva Vigna Teja Agencies