

# KURIAKOSE GREGORIOS COLLEGE PAMPADY



Website: [www.kgcollege.ac.in](http://www.kgcollege.ac.in)

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7.1.2 ENERGY CONSERVATION, WASTE MANAGEMENT,  
WATER CONSERVATION, GREEN CAMPUS, DISABLED  
FRIENDLY CAMPUS



## MoU s and Authorization letters

### Wheeling to the grid

#### **Justification of accepting the proposal for installing solar power generation system**

The administration of KG College, Pampady, Kottayam, has made the choice to hire Milan Solar to install a solar energy generation system on the campus, after carefully evaluating multiple quotes from different dealers (Matrix Solar, Unique Energy and Milan Solar).

**Milan Solar's** proposal stands out among the rest since they are authorized distributors of Havells company which is a well-known and reputed brand. Moreover, the proposal is economically attractive and all costs have been disclosed up front, so there are no hidden charges. Furthermore, Havells offers a warranty on its products.

A comprehensive breakdown of all the quotations that we received from different dealers is listed here.

Matrix Solar	Unique Energy	Milan Solar
Panel proposed is RENEWSYS which is less expensive and has a lower quality standard compared to Havells.	The quoted price is far too high	Competitive price quote
Havells don't provide warranty assurance as the panel proposed is of different make	The proposal only mentions 36 panels	37 panel offering are offered within the quoted price range
The proposal does not mention KSEB charges		The inverter, panel, AC DB, and DC DB are all of Havells company make.
		All the necessary warranties that are directly provided by Havells

After an extensive review of numerous proposals, it is clear that the offer from Milan Solar dealer is the most beneficial option for this need. Not only is their offer the most cost-effective, it also provides us with a reliable and versatile system that can be easily installed and maintained. Furthermore, their team is experienced and possesses the necessary expertise to ensure that the installation is completed as efficiently and as quickly as possible. Therefore, it is clear that accepting the proposal from Milan Solar dealer is the ideal solution for our needs.



*[Signature]*  
24/2/25  
Dr. Rethesh R  
Faculty of Electronics  
Department of Physics  
K G college, Pampady, Kottayam





കേരളം കേര KERALA

DL 683301

**MOU**

Date: 02/03/2023

To,  
The Principal  
KG college  
Pampady

**Sub:** Design, Supply of Items, Installation, Testing and Commissioning of 20 kwGrid Tied Solar PV Power Plant

We are rejoicing for the confirmation of our proposal SUPPLY INSTALLATION TESTING AND COMMISSIONING of 20kw Grid Tied Solar PV Power Plant, in the premises of The principal,KG college, pampady Here the terms & conditions mentioned in our proposal are mutually agreed with our client. Bill of materials and the price offered for the proposed project are finalized and confirmed by our client during the time of signing of this MOU. So hope we can complete our project together with in the agreed time limit by considering the schedule of payment.

NO. 13463 Rs 100 / 1-3-23  
2023 മാർച്ച് 02 നു

Achamma Kuruvilla  
THEVALAKARA  
STAMP VENDOR  
CHANGANACHERRY





കേരളം കേരള KERALA

DL 683302

Sl No	Items/ Description	Total Price
1.	Design & Supply of the Items for 20 kw Grid Tied Solar PV Power Plant comprising of the following: <b>A. Solar PV Modules</b> (Mono perc) Make: Havells, 535Wp× 37Nos. <b>B. Grid Tied Inverter</b> Make: Havells, Capacity:20kva×1Nos, Model: ENVIRO(3ph, Dual MPPT, In build Online Monitoring) <b>C. DCDB &amp; ACDB</b> (Fuse Units, AC and DC Surge Arrestors, Disconnectors) Make: Havells. As per the rating for 20kW. <b>D. Lightning Arrestor</b> and its installation, AC, DC Earth Cabling. <b>E. DC &amp; AC Cables</b> , Make-Havells respectively, as per the	Rs.13,25,000/- (GST Inclusive 12%)
2.	Installation, Testing & Commissioning (Tax including 12% Gst)	
<b>GRAND TOTAL</b>		<b>Rs.13,25,000/-</b>

NO: 13464 Rm / 20m 23m 23m  
 1-3-23  
 2m 23m 23m 23m 23m  
 Achamma Kuruvilla  
 THEVALAKARA  
 STAMP VENDOR  
 CHANGANACHERRY





3.	KSEBL & Inspectorate charges Additional work (AC combiner box with switch)	Payable Extra	Rs 46000/- Rs 35000/-
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<b>A. Time line</b>	1. After feasibility from KSEB side with in 60 days complete the project.
<b>B. Payment Terms &amp; Schedule</b>	1) 10% of the total system cost should be payable by the customer in advance (Rs.1,32,500/-)+ Rs.46,000 ✓ Kseb(Rs.1,78,500) ✓ 2)60% (Rs.7,95,000/-) on material delivery. 3) 20% (Rs.2,65,000/-) after Installation. 4) 10%( Rs.1,32,500/-) after commissioning Note: All the payments to the company should be in the form of NEFT or RTGS or Cheque in the favor of  <b>MILAN SOLAR</b>  <b>Bank STATE BANK OF INDIA</b> <b>Branch Kuttappuzha</b> <b>A/C no 40029051603</b> <b>IFSC SBIN0070309</b>

  
MILAN SOLAR  
PUTHENPARAMBIL BUILDING  
KIZHANNUR MUTTHOOR  
THIRUVALLA - 686 103  
PH 8590952513 8609882514  
GSTIN: 32BAWFM7164A2ZL





<b>Terms &amp; Conditions</b>	<ol style="list-style-type: none"><li>1. All the progress of the project will be done as per the payment terms.</li><li>2. Customer has to provide sufficient clearance for the installation.</li><li>3. KSEB net meter, any changes in LT&amp;HT side, PANEL BOARD charges extra or customer scope</li><li>4. If any Modification/ Extension is done with the solar power plant and its related components by any other firm or by the customer, without any information or approval from Milan Solar, is will be considered as warranty term violation and we will not be responsible for any types of complaints and services after that.</li><li>5. Customer has to provide proper data connection for activate the online monitoring.</li></ol>
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<b>D. Warranty Terms</b>	<ol style="list-style-type: none"><li>1. The entire ongrid solar power plant warranty is up to 10Years, against manufacturing or commissioning defect.</li><li>2. Module manufacturing replacement warranty without any production loss is 10 years and Performance warranty is 25 years as per the MNRE standards.</li><li>3. 10 years warranty for solar power conditioning unit.</li><li>4. For Physical damage, Burnt or Cracked parts, Natural Calamities warranty is not applicable.</li><li>5. As per terms &amp; conditions C.4 is also considerable.</li></ol>
<b>E. Service</b>	<ol style="list-style-type: none"><li>1. Concern Engineer from our firm will give all the necessary service instructions to the customer.</li></ol>
<b>F. Certificates of the Plants</b>	<ol style="list-style-type: none"><li>1. All the certificates and the related documents will be submit the customer at the end of plant energisation along with the payment completion.</li></ol>

  
MILAN SOLAR  
PUTHENPARAMBIL BUILDING  
KIZHAKKAN MUTTHOOR  
THIRUVALLA- 689 103  
PH: 8590952513, 8590852514  
GSTIN: 32BAWPM7164A2ZL





<b>KSEB Documentation Work</b>	1. Customer should aware of delay during the KSEB approvals, if occurs from the side of KSEB for the energisation, customer need to support us to make the KSEB process fast.
<b>H. Annual Maintenance Contract</b>	1. Annual Maintenance Contract is applicable at the end of system warranty, based on the Country standards.

REMARKS (if any):

Thanking You

Accepted By

MILAN SOLAR  
 PUTHENPARAMBIL BUILDING  
 KIZHAKKAN MUTHOOR  
 THIRUVALLA - 689 103  
 PH: 8590952513, 8590952514  
 GSTIN: 32BAWPM7164A2ZL

Yours Faithfully  
**For MILAN SOLAR**  
 For   
**Proprietor**

Witness 1..... Benjamin .P.C

Witness 1.....   
 John Bharan  
 Vizhinjam  
 Thiruvalla

Witness 2..... Benny .V

Witness 2.....   
 Vioetha B. Naik  
 Kattiyadu (CH)  
 Kavalam



**DR. SHYLA ABRAHAM**  
 Principal In-charge  
 Kuriakose Gregorios College  
 Pampady Kottayam 686 502





## Solid waste management



കേരളം കേരल KERALA

DW 037251

Memorandum of Undertaking  
Between  
Kuriakose Gregorios College, Pampady, Kottayam  
And  
Sudhi's Scrap, Kalachanda Junction, Opp. Lourde Matha Church, Pampady

This Memorandum of Understanding (MOU) sets for the terms and understanding between Kuriakose Gregorios College and Sudhi's Scrap Unit.

This MOU is entered into for achieving the following goals : (purpose/goals of partnership)

1. Timely, safe and total disposal of solid waste generated in Kuriakose Gregorios College, Pampady will be done at regular intervals by Sudhi's Scrap Unit.
2. Effective management of solid waste from the campus.

The above goals will be accomplished by undertaking the following activities

1. The scrap unit will collect the solid wastes including papers and office waste and the like from the campus in regular intervals as per the need.
2. The Scrap Unit will arrange their own means for collection of waste.

No.: 3951

Date: 18.1.2023

PAMPADY VENDOR  
LIZAMA CHACK

Principal  
K.G. College  
Pampady  
Sudhi's







കേരളം കേരल KERALA

DW 03725D

സമ്പൂർണ്ണ ഖരമാലിന്യ നിർമ്മാർജ്ജനം നടപ്പിലാക്കുന്നതിന്റെ ഭാഗമായി പാമ്പാടി കെ.ജി. കോളേജിൽ നിന്നുള്ള ഖരമാലിന്യങ്ങൾ പൂർണ്ണമായും സുരക്ഷിതമായും കൃത്യമായ ഇടവേളകളിൽ ശേഖരിക്കുന്നതിനും നിർമ്മാർജ്ജനം ചെയ്യുന്നതിനുള്ള പ്രവർത്തനങ്ങൾ ഈ കരാറിലൂടെ ഉറപ്പാക്കുന്നു.

Funding

- 1. This MOU is not a commitment of funds.

Duration

This MOU is entered into free will and may be modified by mutual consent of authorized officials from the partners. This MOU shall become effective upon signature by the authorized officials from the partners and will remain in effect until modified or terminated by any one of the partners by mutual consent. In the absence of mutual agreement by the authorized officials from mpartners this MOU shall end on 31/12/2023.

Contact information

Partner Name : Dr. Shyla Abraham, Principal, K.G. College, Pampady.  
 Partner Representative : Lt. Renish Joseph, IQAC Coordinator, K.G. College, Pampady  
 Position : IQAC Coordinator

No.: 3951

Date: 18.1.2023

PAMPADY VENDOR  
LIZAMA CHACK


*Dr. Shyla Abraham*  
 Principal  
 K.G. College  
 Pampady  
*Renish Joseph*






Address : K.G. College, Pampady  
Telephone No. : 9946110688, 0481-2505212  
Fax : 04812505212  
E-mail : [mail@kgcollege.ac.in](mailto:mail@kgcollege.ac.in)

Partner Name : Sudhi's Scrap  
Partner Representative : Mr. S.B. Sudhakaran  
Position : Scrap Unit Executive  
Address : Sudhi's Scrap,  
Kalachanda Junction  
Opp. Lourde Matha Church  
Pampady, Kottayam.

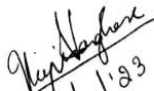
  
..... Date : 25/1/23  
(Partner Signature)  
Dr. Shyla Abraham, Principal, K.G. Colledge, Pampady

  
..... Date : 25/01/23.  
(Partner Signature)  
Mr. S.B. Sudhakaran, Sudhi's Scrap, Kalachantha Junction, Pampady.

K.G. College  
Pampady  
25.01.2023

Witness:

1. Dr. Vipin K. Varughese  
Assitant Preofessor  
K.G. College, Pampady

  
: 25/01/23


2. Namitha George  
Assistant Professor  
K.G. College, Pampady

  
: 25/01/23





Authorization letter regarding e-waste management



**കുറിയാക്കോസ് ഗ്രിഗോറിയോസ് കോളേജ്**  
 പാമ്പാടി, കോട്ടയം (ജില്ല), കേരളം, പിൻ : 686 502  
 മഹാത്മാഗാന്ധി സർവ്വകലാശാലാ അംഗീകൃതം  
 ഫോൺ: 0481-2505212, 2508212 (ഓഫീസ്), മൊബൈൽ: 9495446932

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**ബിരുദ-ബിരുദാനന്തര ഗവേഷണ പ്രോഗ്രാമുകളോടു കൂടിയ മലങ്കര ഓർത്തഡോക്സ് സഭാ സ്ഥാപനം**

ഡോ. മിനി ജോസഫ്  
 (അസ്സോസിയേറ്റ് പ്രൊഫസർ & ഡി.ഡി.ഒ.)  
 No. E-waste/ 1028 /2023 Date : 08.09.2023

Microage Networks & Solutions  
 39/5528, Adjacent to South over Bridge  
 S.A. Road, Panampally Nagar  
 Kochi - 682036


Sub : Authorization Letter - Reg. -

Sir,

I hereby authorize the Microage Networks & Solutions company to take over the e-waste from the college for proper eco-friendly disposal and management. The list of items are attached for the purpose of perusal and verification.

Thank You

Yours sincerely,

  
 DR. MINI JOSEPH  
 Associate Professor & D.D.O  
 Kuriakose Gregorios College  
 Pampady, Kottayam 686 502

Encl : List

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ഇ-മെയിൽ: mail@kgcollege.ac.in & വെബ്സൈറ്റ്: www.kgcollege.ac.in  
 വെബ്സൈറ്റ് : www.kgcollege.ac.in





Plastic waste collection card of Haritha Kerala karma sena

Con. No. 3536



പമ്പാടി ഗ്രാമപഞ്ചായത്ത്  
ഹരിത കേരള കർമ്മസേന  
ഉപഭോക്തൃ കാർഡ്



പേര്..... Principal  
മേൽവിലാസം..... K. U. College Pampady  
വാർഡ്/കെട്ടിടനമ്പർ..... XIV 205 ഫോൺ..... 9496943726

2022/2023

മാസം	തീയതി	തുക	ഒപ്പ്	റിമാർക്സ്
ജൂലൈ				
ആഗസ്റ്റ്				
സെപ്റ്റംബർ				
ഒക്ടോബർ				
നവംബർ				
ഡിസംബർ				
ജനുവരി	31/1/23	100/-	Sevan	22931

2023

മാസം	തീയതി	തുക	ഒപ്പ്	റിമാർക്സ്
ഫെബ്രുവരി				
മാർച്ച്				
ഏപ്രിൽ				
മെയ്	31/5/23	100/-	Se	6364
ജൂൺ	29/6/23	100/-	Se	17955
ജൂലൈ	27/7/23	100/-	Se	20474





Con. No. **4024**



**പാമ്പാടി ഗ്രാമപഞ്ചായത്ത്  
ഹരിത കേരള കർമ്മസേന  
ഉപഭോക്തൃ കാർഡ്**




പേര്..... Principal  
മേൽവിലാസം..... K.G. College Pampady  
വാർഡ്/കെട്ടിടനമ്പർ..... 114 - ഫോൺ.....

**2023**

മാസം	തീയതി	തുക	ഒപ്പ്	നിമാർക്സ്
ജനുവരി				
ഫെബ്രുവരി	<u>28/2/23</u>			
മാർച്ച്	<u>31/3/23</u>	<u>100/-</u>	<u>R</u>	<u>1321</u>
ഏപ്രിൽ				
മെയ്	<u>31/5/23</u>	<u>100/-</u>	<u>R</u>	<u>6364</u>
ജൂൺ	<u>29/6/23</u>	<u>100/-</u>	<u>R</u>	<u>17955</u>
ജൂലൈ	<u>27/7/23</u>	<u>100/-</u>	<u>R</u>	<u>20474</u>
ആഗസ്റ്റ്	<u>23/8/23</u>	<u>100/-</u>	<u>R</u>	<u>32735</u>
സെപ്റ്റംബർ	-	-	-	-
ഒക്ടോബർ	<u>28/10/23</u>	<u>100/-</u>	<u>R</u>	<u>45215</u>
നവംബർ	<u>24/11/23</u>	<u>100</u>	<u>R</u>	<u>51541</u>
ഡിസംബർ				



  
**Prof. (Dr.) Renny P. Varghese**  
Principal  
Kuriakose Gregorios College  
Pampady, Kottayam - 686 502