## 1. Solar Energy

## Solar Approval Letters



Krishna Institute of Medical Sciences
"Deemed To Be University", Karad
cuorgey exporeci as shedited Units of electricity as specified in the Net Meteriag Regulations, 2015. If Who exgored ancrgy is less tham the impornd caurisy ac Elabible Conamer simil pay the Distribution Wesensce for the net oncigy frumorted at the provalling tarif approved by the Commistion for the Exisaimer calegory to which he helongs.
27. Counction Cosls:
a. The bligitic Consume shall bear all coss relared to tho setingserp of the
I. Renrनop Sidar eV Ssstem, exeluding Ule Net Melering Armagement cos 15 .

2s. Disyme Recolotion:
2. Atiy dikgute arisitil under this Agrement shall be resolved proniply, in good faith and in an squituble manner by bath the Parties. Tho Elisiblo Consumen slayll liave recourse to the concemei Cobsumet Gicvanad Redeesal Fonun consthuted under the relevant Regulations in iespect of any prioxanoc rejarding wifing which has not bzen redressod by the Licensee:
Al condifions as pe MSEDCL 258 \& MERC regulation nemarding Roof Top solar wet metering it: binting on this sambion.
This Ex ant Permision for installation of roof-ron solar PV svotem for met metoring, after the paytuent of all the ancarstiedvery of the expacction A completion of all formalities as above \&
 Witt MskDCL girn wal te given.
29. That Sanction Extimuto No Sametion No. SE/ STRC/T/RT/Solar (19-20)

Erimate ke tectrically sutactioned for Rs, $55630-$ umder DDE.
Thankiug you
Xours fatitifully

56. 15. Ainumangan! Engineer

Copy to: $\qquad$ Satara Circle

1. The Evitutive Enginecr NESEDCL, O 天 MDivisiont Patan $\qquad$ Submit WCR repar

2. The Batutive Ensince" (STRCS Testimp MSEDCL Testing Division, Satara.
pre-zicuse repor cetcs; the meler is per MSEDCL Rules for regalation.
$\qquad$ stibmit the
 $\qquad$ Torinformuion se ncediful please:








3. Estimate /s tectricaly sanctioned for Rs. $1,23,050$ - under DDF: Snction Exil No. SfsymeT. 12 Dt

## 38. Tetal Payable amount

$1,3 \$$ Supervislon Charges + Testing charges $+G S T=$ Rs, $10 ; 150 /-$ as per detailed estimate sheet attached.

Runciay you

## Yours faithlully



## Copyto:

1. The Executive Engintes,

2The Extcutive Efginter

3 The Atanger fisk

2. $\mathrm{m} \rightarrow \mathrm{Dy}$ Excoutive Engenees;








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AND
RAVIRDRA ENERGY LTD, ä cmmparty fughlutored undar whaccmipionies Act, 485 , raviralts repisticion
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AND
Rhibhu Rooftop Solar Solutions Limited, \& Company Reqiafoced undet the Compsites Act 19Ei
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``` and nolect vely as the 'Parlies'
WHEREAS
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A The Transfory it ungoged an the business of building and operating power plonts, includeng gird connucted roottop pover projects. The Transferor and the Purciriser hati unteced uto-ia PoworPurchaste Agrecment ( $\left.\mid P P^{2} A\right)$ dated done 12,2017 whoreby Ule' Transferof was reudirad

 of the PPA
6. In Dxproise pf its rights untier Otavse 142 of the PFA the Transferor herety intendg to trantifor ait ts nghts, witulifies and oblgatons under the PPA to the Transferee mpod Max Intumated the
 cransfer by novation to the Transfereeand the Transferee wisher to acoupt the transter by noxation on alirights linouties duties and oblgaligis of the Translerg under and monespoct of the PPA and the Furchioser hereby acknowledges and arofipts such novetion of PPA minfavour of
the Transteree:

E Whin effect rom the Erochtion Date, the Transferm desies to be releatied and frachanged fron fridief performance or obligations of the suid PPA and the Furchaser hias agreed to relBace: and disoharge the Transferor upon the ferms that the Tr insferso sheit undertake to pertorm and fullill


NOW THEREFORE, invocnsideration of the foregoing and relying an the mutuat representations warninties covenants inderthiter and agroemants aid other goond and vpluable consideration the aceint, adoquacy and sutfocency or whict: are herety acknowlodged, the Partes, inturiding lo be legally

Oin mraytum the Execullon Date the Thanslaree undertakos to be bount by the termbang





## This power Purchase Agreement is urerutea on (ga $12 / 2015$ athatad. Digit Satara

between
 the Bomb in
 $A N B$

Qhibhut Rooftop Solar Solutions Limited, a Company Registered under the Companies Act, 1956 having its registered office situatedat BC -109 Davidson Road Camp,Belagav, 590001 Karnataka through its authorized representative Shrishantant lath (hereinafter referred to as "Power Producer which expression shall, unless repugnant to the rjeanigg on context hereof, be deemed to include (s successors and assigns)
The Purchaser arid Power Producer are each natividually referred to as a "Party" and collectively as the "Parties"

## WHEREAS

A. The Power Producer is engaged in the business of buildiry and operating power plants, including grid connected rooftop power projects
B. The Power Producer has agreed to install anil operate a solar photovoltaic- power plant of 400 kWp capacity at Krishna Institute of Medical Sclences Deemed University's campus in Karat ("Premises")after due inspection of the Premises as defined hereinafter and supply the entire Solar Power of the Project to Purchaser on the terms and conditions contained in this Agreement:
C. The Purchaser has agreed to purchase the entire solar Power of the Project on the terms and conditions contained in this Agreement

NOW IWAEREFDRE in consideration of the mutual promises, conditionsiand covenants set forth herein, the Parties hereby agree as below:

## 1. Definitionsiand Interpretation

### 1.1 Definitions

In addition to other capitalized terms specifically defined elsewhere -in the Agreement or unless the context otherwise requites, the following words and phrases shall be defined as follows
a) "Actual Monthly Production means the amount of energy carded by the Main Metering System during each eatencar month of the Term; pursuant to Section 3.2 ;
b) "Affiliate" meansiwith respect to any specified Person, any other Person directly or indirectly controlling: controlled by or under common control with such specified Person
c) "Agreement" means this Power Purchase Agreement executed hereof, including tho wishedulemun dmendherveserwodificatueysurpu sopplaments made in writing by the Parties from time to time
d) "Applicable daw" means, with reanemet ta any person any constituthotal provision, law, statue, rule, regulation, ordinance, treaty, order, decree, judgment, decision, certificate, holding, injunction. registration, license, franchise, permit, authorization, guideline, Govemmemal Approval, consent or requirement or any Governmental Authority in india having jurisdiction over such Person or its property enforceable by law or in equity including the interpretation and adininistration thereof such Governmental Authority.
e) "Assignment" has the meaning set forth in Section 14.1.

1) Busies Day means any day other than Sunday or any other day on which banks in Maharashtra ave required or authorized by Applicant ciewithing closed for business;


## Gathing and Brotection

Make
Mattrix/True Power/Ecosysm/IE
Type
Earthing Material
Gi flat $25 \times 3 \mathrm{~mm}$ size
Earthing electrodes, chemicaililied, 2 meter, 5 mm thick; 50
mm diagl pipe with back fill compound
Earthing Resistance
\& 5 Ohms for each pit and \& Ohen for crid line

## C. Hatin lunction Boxes

As.per the requifement and shall meet all the latest MSEDCL/MNRE/SECI guidelines and IEC standards
Main lunction Boxes;
As per the requirement and shal meet ail the lofest MSEDCL/MNRE/SECI gurdeines ind IEC standards

## ITPanal:

As per the requirement amdishal meet al the latest MSEDCL/MNRE/SECI guidefrnes and IEC standards

## Lahtring: Singe Protection

Make
: AEF/True Power/Ecosysm
Type
: ESE type with 5 meter GI mast shall be provided to cover the building area
Protection
As per Indian Electricity Act for solety and IEC 62305
Miscellineats:

## SCADA system

string level montoring included
Salety Equipment's
whire Extingulsher CO2 type $4.5 \mathrm{~K}_{\mathrm{B}}$ Capacity 1515685 isi Mars
Fire Extinguisher OCP type, SKg capacity IS 15583151 Mark
Fre Bucket with Sand








Solar Energy Generation Bills in MSEDCL
March 2018



 -TH PROMPT DISCOUNT RE: 37547 IF PAID ON OR BEFORE 12 APR- 18 :

Tents Revised west 08-04-2017


## CONADIONS











February 2020



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Tanif Rekted wet ol.gश 210

















## Renewable Energy and Green Growth in KIMSDU, Karad.

April 2019 To March 2020

Achievement of Energy Saving In Year April 2019 To March 2020 at KIMSDU Karad.

| Energy Saving in April 2019 To March 2020 |  |  |
| :---: | :---: | :---: |
| $\begin{aligned} & \text { Sr. } \\ & \text { No } \end{aligned}$ | Description | Consumption / <br> Kwh/ Saving |
| 1 | Total Solar Unit Generation / Saving | 728280 |
| 2 | 39 Watt LED Light,Qty - 21 From Sept 2015, Saving | 130962 |
| 3 | Solar System 10 Kwp Unit Generation / Saving | 14167 |
| 4 | Energy Efficient 750 Kva trans, Install, May 2016 Saving | 21900 |
| 5 | Installation of APFC Panel, Saving | 190943.1 |
| 6 | Hybrid solar System 350ut put Kw- Input 10 Kw , Saving from May 2017 | 39087.85 |
| 7 | International Hostel Led Lights, Total $7 \mathbf{K w}, 0.4$ D. Fx 6 Hours, May 2017 saving 80\% | 4435 |
| 8 | VRV System 148 HP, Saving 20\% against regular AC ( (Kw 110x Df $0.4 \times 300) \times 20 \%$ ) | 13248 |
| 9 | Inverter Ac installation Tr-saving $\mathbf{1 0 \%}$ of regular AC $61+17$ AC ( Year 105600unit consumption - saving $10 \%$ ) | 10560 |
| 10 | Tube Light ( $\mathbf{4 5 0 0}$ Nos) $\mathbf{X} 40=180000$ Watt, ie. $180 \mathrm{Kwh} / \mathrm{hr}$ X 10 Hr | 24522 |
|  |  |  |
|  |  |  |
| TOTAL Electrical Energy SAVING UNIT |  | 1178104.98 |
|  | MSEDCL USED UNIT | 4077496 |
|  | Unit Consumption Requirment | 5255600.98 |
|  | Saved Carbon ( Co2) in Environment- | 1000211.12 |
|  | $0.849 \mathrm{Kg} / 1$ Unit ie. Co2 emmision |  |




Installation of APFC Panel, May 2016



Hybrid solar System Output 35 Kw- Input 10Kw, from May 2017




## 2. Wheeling to the Grid



## MAHARASHTRA STATE ELECTRICITY DISTRIBUTION Co. Ltd.

## 0 \& M CIRCLE, SATARA

Superintending Engineer
Vidyut Bhavan, Administratlve Bldg, Krishna-nogar, Satara Phane: (02162 $244640(0), 246015$ (P); Fax: 245541 , Email-sesutura@pmail.cam

$\mathrm{m} / \mathrm{s}$. Krishna Charatable Trust
Gat No. 261/2C/12, Dhebewadi Road
Malkapur,
Tal-Karad, Dist-Satara
Sub: Sariction of additional load HT power supply to the extent of 2660 KW Connected Load with 1200 KVA Contract Demand on exlsting 11 KV voltage level, HTC- 198379008687.
Ref: - 1) Your application for additional of load submitted to this office vide letter No.1366, dt. 10 Sep 15
2) EE/KRD/T/8659, dated 30 Sept 2015.
3) SE/TQA/HTC/AEEI//No, 01263, dated 07 Oct 2015 .

Dear Sir,

Please refer your application mentioned above, wherein you have requested for additional power supply to the extent of 1200 KVA Contract Demand for your unit situated at Gat No, 261/2C/12, Dhebewadi Road ,Nalkapur ,Tal- Karad, Dist- Satard_HTC-198379008687.

In exercise of the powers delegated to company as per Electricity Act 2003, we are pleased to sanction additional power supply 1110 KW as Connected load with Contract Demand of 300 KVA (Totaling 2660 KW Connected Load with 1200 KVA Contract Demand).

The load sanctioned is as follows:

|  | Connected Load(KW) | Contract Demand(KVA) | Purpose |
| :--- | :---: | :---: | :---: |
| Exlsting Load | 1550 KW | 900 KVA |  |
| Additional L.oad | 1110 KW | 300 KVA | Hospltal |
| Total | 2660 KW | 1200 KVA |  |

The Competent Authority has accorded approval for the sanction of power supply as above meleased after cumpliance of the said conditions, wherever necessary.

1) General condition:
a) As per your request, the Cornpetent Authority has approved additional load of 300 KVA Contract Demand (totaling 1200 KVA C.D.) on 11 KV voltage level.
b) The CT ratio of Main metering and Check Metering shall be commensurate to the sanctioned load (if applicable).
c) A Check meter shall be provided in series with the Main meter at your premises with separate CT's \& PT's. The cost of the Check Meter along with CT's \& PT's will be borne by MSEDCL. The drawing and the location of C.T. \& P.T. and Check Meter shall be decided by S.E. (TQA), Pune in consultation with S.E.Satara Circle, MSEDCL. In case of urgency MSEDCL can ask you to provide the same \& glve the refund at MSEDCL's normative rates (if applicable).
d) You shall pay the Service Coninection Charges, Additional Security Deposit etc. as may be payable in accordance with existing provisions, prior to release of the additional load.
e) All statuary clearances/approval as may be necessary shall be obtained by you from difference concerned Authorities, Including the Chief Engineer (Electrical), P.W. Department, and Government of Maharashtra before release of new / additional load.
f) You shall also ablde to pay any other charges as may be leviable for this sanction (including the S.L.C.) as may be decided by the Competent Quasi Judicial/ Judicial or any other Statutory Authority.
g) Any increase or any additional expenditure if any, for any reason will be borne totally by you (consumer),
h) All the statutory permission, NOC etc will have to be arranged by you (Consumer) prior to release of thls new / additional load.

You will have to give an undertaking /afldavit on Rs.200/- stamp paper for the above conditions before release of power supply.
2) VALIDITY:

The sanction as above shall be valid for a period of six months from the date of issue of this letter. You should ensure to make all necessary payments within one month and should also make all other arrangement, to receive power within the validity period,

You will have to avail the supply within three months on the intimation about Company's readiness to give power supply to you, failing which you shall be liable to pay charges as per rule.

The Company reserves the right to revalidate the power sanction subject to the conditions prevailing at the time of revalidation.

## 3) PAYMENTS

The various payments, as follows will have to be made by you.

| Sr. No. | Particular | Amount Payable(Rs.) |
| :--- | :--- | :--- |
| 1 | Service Connection charges | $41500 /-$ |
| 2 | Application Processing | $1700 /-$ |
| 3 | $1.3 \%$ supervision charges | $4855 /-$ |
| 4 | Security deposit [Addl] | $12,14,400 /-$ |
| 5 | Cost of stamped agreement forms | $440 /-$ |
| 6 | Testing charges for CT/PT\&Transformel/(Misc.) | $41040 /-$ |
|  |  | TOTAL RS: |

Rs. Thirteen Lakhs Three Thousand Nine Hundred \& Thirty Five Only.
Please note that the payment against above are payable by you by way of RTGS/NEFT only.
Bank Details are as follows:-
Account Name- MSEDCL Satara.
Name Of Bank-Bank Of India, Powal Naka, Satara
Bark A/C No. 130820100000199
IFSC Code - BKIDO001308, A/C Type-CD \& you mast send RTGS/NEFT details through SMS on cell No. 7875768531.
[SMS detalls-1)Name of the consumer 2/Sanction Order No \& Date 3) Amount Paidagalinst New Conri/Add Load.]
4) SUPPLY VOLTAGE: This additional load of 1110 KW Connected load with 300 KVA Contract Demand along with existing load will be supplied on existing 11 KV voltage level.
5) INSTALLATION: The installation/drawing arrangement for power supply shall be subject to the approval of concerned Electrical Inspector, Public Works Department, Government of Maharashtra.
6) SUBMISSION OF DOCUMENTS: You shall submit following permissions in certificates/other documents (as per applicability) before release of supply;
(As appllcable from following).

- Clearance/NOC from MIDC.
- NOC/Consent of MPCB
- NOC from Environment Department Government of Maharashtra

Resolutlon passed by the Board of Directors for putting Common Seal of the Company \& Signature of the Director.

- Manufacturer's test certificate of equipments.
- Test Report of Electrical Contractors, along with list of machinery.
- Permission from tlie concerned Electrical Inspector, Government of Maharashtra.
- Authorisation for signing documents on behalf of the Company,
- Any Such other documents/Certificate/permission as may be directed by Chief Engineer Baramatl zone, MSEDCL, Baramati./ S.E. Satara, M5EDCL, Satara.

7) METERING: The metering shall be according to the specification as below [Main \& Check] Compact KIOSK type of approved make 3 ph, 4 wire (AMR compatible havingRS 232 port) indoor type with cT $11 \mathrm{KV}, 75 / 5 A ; 0.2 \mathrm{class}, 10 \mathrm{VA}$, single core single ratio \& PT $11 \mathrm{KV} / 110 \mathrm{~V}, 0.2$ Class, 50 VABurden single core singleratio:
8) POWER FACTOR: You shall maintain the power factor of your load within the limits as prescribed by the MSEDCL in conditions of supply, as may be applicable from tlme to time and you shall be liable for penalty for violation of the said provisions in accordance with the provision of tariff as may be determine by MERC.
9) HARMONICS CONTROL: You shall ensure that total harmonics generated and injected in MSETCL/MSEDCL system by your load shall not be more than $3 \%$ and individual harmonics shall not be more than 1\%. Any default on your part shall be corrected immediately. You will have to submit the harmonics analysis report within 3 (three) month from the date of release of additional load.
10) VOLTAGE VARIATION CONTROL: You shall provide necessary static 'VAR SOURCES' of fast response to avoid voltage flickering due to your load and shall maintain voltage variation within $+/-1 \%$.
11) AGREEMENT: You will have to enter into agreement with MSEDCL.
12) CONDITIONS OF SUPPLY AND TARIFF: The power supply shall be governed by the prevailing provisions of the MSEDCL's Conditions of supply \& prevailing tariff as may be applicable in this regard and shall further be subject to such other provislons as may be prescribed by the MSEDCL from time to time.
13) G-7 FORM: You shall maintain necessary information regarding energy consumption, Maximum Demand recorded etc on a day to day basis in the format as prescribed by the MSEDCL and shall produce the same on demand/shall handover to every month to authorized representative of the MSEDCL at the time of meter reading
14) POWER RESTRICTION: The power supply shall be governed by the load restrictions orders as may be prescribed by MERC/Government of Maharashtra from time to time. You shal also observe \& follow the staggering Holiday/Load Shedding day as informed to you.
15) The Transformer capacity should commensurate with your Contract Demand of 1200 KVA and capacity should not exceed 1500 KVA and it is to be got tested from our Exe. Engg. Testing at manufacturer's premise before dispatch to site.
16) This load sanction is subject to work completion by you as per itemwise estimate sanctioned along with this load sanction order.
17) ACCEPTANCE: You shall submit your acceptance in writing to the above terms $\&$ conditions of power supply and acceptance letter, to this office, In case of any doubt/difficulty, or if any clarification is required, you may contact to this office on any working day during working hour.

You are requested to note the requirements/formalities carefully and arrange to comply, deficiencles, if any, before making payment in your own interest so as to avoid any inconvenience/delay at the time of release of power supply to you and ensure prompt payment to enable MSEDCL to proceed further

Thanking you


Copy 5 wrs to-
The Chief Engineer,
MSEDCL Zone Offlce, Baramati ..................For Information please.

Copy f.w.c.to
The Superintending Engineer
T.Q.A. Ganesh Khind ,Pune ...................For information please.

Page 5/6
3. Use of LED bulbs/ power efficient equipment

KRISHNA INSTITUTE OF MEDICAL SCIENCES
"DEEMED TO BE UNIVERSITY",KARAD



KIMSDU/CMS/ 505/2018
Date. 01/11/2018
Purchase Order No. 505
To
Alien Energy Put. Ltd.
A-16/6,Omsai Complex,
Ste IV Industrial Area,
Sahibabad (Delhi-NCR),
Ghaziabad (U.P.) -201010

Sub: - Purchase Order for the Supply of Alien T8/18W LED Tube.
Ref. :- Your Quotation No.AE/STJ/2018-19/585 Datc.10/10/2018
Sir,
We are pleased to place herewith our Purchase order for the supply of Alien T8/18 W LED Tube as per details given below:

| S. <br> N. | Description | Alien <br> Model <br> No. | QTY | Rate | Amount |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | Alien T8/18W LED Tube <br> and External Driver <br> installed \& wired inside <br> white powder coated M.S. <br> box fitting <br> Product HSN Code-9405 | AEl.ED. <br> T8BX118 | 4500 <br> Mos | 636,912 | $28,66,104 /-$ |
| Total Rs. Including of <br> Freight Charges, GST and <br> Commissioning <br> Supervision etc. |  | 50Nos |  | $28,66,104 /-$ |  |
| Additional :- <br> 1)Driver <br> 2)Led Tube | Free of Cost |  |  |  |  |

Terms \& Conditions:-

1) Payment - $50 \%$ advance along with purchase order, $35 \%$ against diopateh of Materials 8 15\% Balance on Commissioning of total Lights.
2) Delivery - Within 4-6 Weeks.
3) Warranty- Three years from the date of Invoice.

Thanking You,
C.C. Finance Officer

Yours Sincerely,

Electrical Dept. C.M. Store


FINANCE OFFICER

AA J
potadhuw

salad

Name Of Work - Dismentling of Old Tube \& Fixing of
New LED Tube (Make - Alien Energy Pvt. Ltd.)

IN KIMSDU,MALAKAPUR, KARAD,

| Sr. No. | Date | Location | New Fitting | old Fitting | Remark |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 11/02/2019 | Bolld Bank | 32 | 32 |  |
| 2 | 12/02/2019 | Passege | 24 | 24 |  |
| 3 | 13/02/19 | Canser | 16 | 16 |  |
| 4 | 24/02/19 | Admin Office \& Area | 33 | 33 |  |
| 5 | 15/02/19 | Admin Office \& Area ICU+Passege | 42 | 42 |  |
| 6 | 16/02/19 | Passege \& Cashire Opp.\& No. 24 | 50 | 50 |  |
| 7 | 18/02/19 | Passage, ward No 15, 16 | 65 | 65 |  |
| 8 | 19/02/19 | Ward no. 16, 17, 18. \& Passge | 85 | 85 |  |
| 9 | 21/02/19 | Ward No. 5, 4, 32 | 70 | 70 |  |
| 10 | 22/02/19 | Ward No, 6, 10, Opp | 59 | 59 |  |
| 11 | 23/02/19 | Ward No.9, 17, 18, 108 | 78 | 78 |  |
| 12 | 24/02/19 | Ward NO. 11, 7 | 49 | 49 |  |
| 13 | 25/02/19 | Ward No. | 10 | 10 |  |
| 14 | 27/02/19 | Ward No. 10 \& Passge | 42 | 42 |  |
| 15 | 28/02/19 | Ward No. 19, 20, 14 | 65 | 65 |  |
| 16 | 03/03/2019 | Boys Hostel III | 40 | 40 |  |
| 17 | 04/03/2019 | Boys Hostel III | 50 | 50 |  |
| 18 | 06/03/2019 | Boys Hostel | 70 | 70 |  |
| 19 | 07/03/2019 | Woomen Hastel | 79 | 79 |  |
| 20 | 09/03/2019 | Woomen Hostel No. IV | 37 | 37 | . |
| 21 | 10/03/2019 | Woomen Hastel No. IV | 51 | 51 |  |
| 22 | 11/03/2019 | Woomen Hastel No. V | 49 | 49 |  |
| 23 | 12/03/2019 | Woomen Hostel No. V | 42 | 42 |  |
| 24 | 14/3/19 | Woomen Hostel No. V | 23 | 23 |  |
| 25 | 15/3/19 | Woomen Hostel No. V | 87 | 87 | old and |
| 26 | 19/3/2019 | KIMS Library | 32 | 32 | Installed |
| 27 | 20/3/2019 | KIM5 Library | 48 | 48 | New Alien |
| 28 | 21/3/2019 | KIMS Library | 21 | 21 | Enersy 18 |
| 29 | 22/3/2019 | KIMS Library | 47 | 47 | Watt Led |
| 30 | 23/3/2019 | KIMS Library | 29 | 29 |  |
| 31 | 24/3/2019 | KIMS Library Narsing Hostel | 43 | 43 | Tube Light |
| 32 | 26/3/2019 | KIMS Library Narsing Hostel | 52 | 52 |  |
| 33 | 27/3/2019 | Dental Collage | 45 | 45 |  |
| 34 | 28/3/2019 | Dental Collage | 34 | 34 |  |
| 35 | 29/3/2019 | Farmacy Collage | 66 | 66 |  |
| 36 | 31/03/2019 | Farmacy Collage | 40 | 40 |  |
| 37 | 01/04/2019 | Physiotheraphy Collage | 11 | 11 |  |
| 38 | 01/04/2019 | Anx. Bullding | 51 | 51 |  |
| 39 | 02/04/2019 | Anx. Building | 67 | 67 |  |
| 40 | 03/04/2019 | Anx. Building | 30 | 30 |  |
| 41 | 04/04/2019 | Pharmacy Collage ( Lab) | 4 | 4 |  |
| 42 | 05/04/2019 | Anx. Building | 35 | 35 |  |
| 43 |  | Ladies Hostel No. 3 (3rd floore) | 50 | 50 |  |





# 2017-2018 Status \& future planning of Energy Saving at KIMSDU Karad. Date - June 2018 

| Sr. No | Before |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Electrical Load | Average Consumption In Kwh |  |  |  | Yearly Avg. Rs/Kwh |  | Cost/Day | Cost /Year |
| 1 | Tube Light (4500 Nos) | Daily |  | 1800 |  | 10 |  | 18000.00 | 6570000.00 |
|  | $\begin{aligned} & 4500 \times 40= \\ & 180000 \mathrm{Watt} \end{aligned}$ |  |  |  |  |  |  |  |  |
|  | ie. $180 \mathrm{Kwh} /$ <br> hr X 10 Hr |  |  |  |  |  |  |  |  |
| After |  |  |  |  |  |  |  |  |  |
| For Energy Saving | Capacit |  |  |  |  |  | Cost saving /Day | Cost saving /Year | Remark |
| LED 18 watt Tube Light. 18 X $4500=$ 81000 Watt | Consumption per day 810 kwh |  | 990 |  | 10 |  | 9900 | 3613500 | New Requirement of 18 Watt Led Tube Lights Qty-4500. |

REGISTRAR
Krishna Institute of Medical Sciences
"Deemed To Be University", Karad

