



*Shram Sadhana Bombay Trust's*  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BAMBHORI, POST BOX NO. 94, JALGAON – 425001 (M.S.)

### **Energy Conservation**

Energy conservation refers to efforts made to reduce energy consumption. Energy conservation can be achieved through increased efficient energy use in conjunction with decreased energy consumption. Energy conservation can result in increased financial capital, environmental quality, energy security.

Electrical energy conservation is an important element of energy policy. Energy conservation reduces the energy consumption and energy demand per capita and thus offsets some of the growth in energy supply needed to keep up with population growth. By reducing emissions, energy conservation is an important part of lessening climate change. Energy conservation facilitates the replacement of non-renewable resources with renewable energy. Energy conservation is often the most economical solution to energy shortages and is a more environmentally benign alternative to increased energy production.

Thus fundamental goal of energy conservation is: *"The judicious and effective use of energy without loss of quantity, quality and comfort to enhance competitive positions"*

Energy Conservation benefits to customer, utility and society. The Energy Conservation is a social issue and answerable to next generation.

The college has adopted systematic approach for energy conservation. Steps and actions to reach to the target of energy conservation are listed as below:

1. Demand Side Management.
2. Power factor Management.
3. Use Solar Water at Hostels.
4. Replacement of Fluorescent Tube Fitting by LED Tube Fitting and LED light fitting in new and renovated areas.
5. Replacement of Individual water pump by single over head water tank.
6. Purchase of Energy efficient BEE marked Star Rating ceiling fans.
7. Purchase of Energy efficient BEE marked Star Rating Air Conditioners.

#### **Electric Tariff:**

The college comes under Commercial Consumer (HT-II Commercial) category and applicable electric tariff is Public Service-Other.

Till 31<sup>st</sup> March 2020 the Electric Tariff is based on Active Energy, in this method consumers are billed on Active Energy Consumption measured in kWh along with the fixed charges and other charges. kWh consumption when multiplied by the applicable tariff for the consumer will give energy charges payable by the consumer. The effect of reactive energy is considered through Power Factor penalty / incentive mechanism. Penalty is levied to consumers for Power Factor (PF) below 0.90 (for Lead as well as Lag PF) and incentive is provided for P.F. above 0.95 (for Lead as well as Lag PF).

The new billing method named kVAh billing was implemented with effect from 1<sup>st</sup> April 2020. kVAh billing has an inherent mechanism to incentivize or penalize consumers according to their power factor. The Prime Objective of the kVAh based billing is to

encourage the consumers to maintain near unity Power factor to achieve loss reduction, improve system stability, power quality and improve voltage profile. At the national level, emphasis is being given to Energy Conservation, Energy Efficiency and Demand Side Management (DSM) to optimize the energy usage. Through kVAh billing, the consumers will be encouraged to adopt energy efficiency programs and will be benefited by reduced electricity bills.

The detail of Electric tariff is as follows

Sub-Category HT VIII (B): Public Service-Other

S. No	Particulars	kWh Billing	kVAh Billing w.e.f April 2020
1	Maximum Demand Charger per kVA	Rs 391	Rs 411
2	Energy Charges per kWh	Rs 9.70	Rs 9.48
3	Wheeling Charges per kWh	Rs 0.76	Rs 0.57
4	Fuel Adjustment Charges FAC per kWh	Rs 0.87	Rs 0
5	TOD Tariff	As Applicable	As Applicable
6	Electricity Duty (Percentage of Total Energy charges)	21%	21%
7	Tax on Sale per kWh	Rs 0.18	Rs 0.18
8	Power factor Penalty/ Incentive (Percentage of Total Energy charges)	+3.5% /-3.5%	Not applicable

Time of Day (ToD) Tariff			
S.no	Zone	Time Slot	ToD rates
1	Zone A	10.00 pm to 6.00 am	Rs -1.50
2	Zone B	6.00 am to 9.00 am & 12.00 Noon to 6.00 pm	Rs 0
3	Zone C	9.00 am to 12.00 noon	Rs + 0.8
4	Zone D	6.00 pm to 10.00 pm	Rs + 1.10

**1. Demand Side Management (DSM) :** The DSM applied to electricity systems provides significant economic, reliability and environmental benefits. It is generally the modification of consumer's demand of electricity through various methods such as financial incentives and consumer education. The main goal of DSM is usually to encourage the consumers to use less energy during peak hours or to move the time of energy use to the off-peak hour's viz. night.

In view of above educational institutes do not have much more options for rescheduling and modification of electrical demands. The college has adopted few option as

- (i) Water pumping load is shifted to off college hours in view of ToD Tariff.
- (ii) Use of Energy Efficient, Bureau of Energy Efficiency(BEE) marked Lights, fan, Air Conditioners and Pumps.
- (iii) Energy Conservation

## 2. Power factor Management.

College has 100kVAr Automatic Power Factor Controller (APFC) which is installed in sub-station. The APFC has eight stages switching facilities with respect electrical load demands. Distribution Licensee MSEDCL appreciate for power factor management through financial incentive in electric bill. The desired power factor is unity and college is successfully maintain power factor very closed to unity. The table shows yearly incentive on behalf of power factor management and a positive action for Demand Side Management(DSM).

<b>S.N</b>	<b>Year</b>	<b>Average Power Factor (PF)</b> <b>Desired Power factor = 1.0</b>	<b>PF Incentive Rs</b>
1	Year 2016-17	0.995	362616/-
2	Year 2017-18	0.996	400237/-
3	Year 2018-19	0.983	182401/-
4	Year 2019-20	0.996	206126/-
5	Year 2020-21	0.916	kVAh Billing*
		<b>Total Incentive from MSEDCL</b>	1151380/-

\*kVAh Billing: In this method of billing power factor incentive and penalty are included in apparent energy measurement as kVAh.

## Electric Bill March 2019

### Maharashtra State Electricity Distribution Co. Ltd



**BILL OF SUPPLY FOR THE MONTH OF** **MAR 2019** 201903259046455  
**GSTIN:27AAECM2933K1ZB** Website:www.mahadiscom.in **HSN CODE:27160000**

JALGAON CIRCLE 590 DHARANGAON D 593 C DHARANGAON SUB-DIVIS 231 1

<b>Consumer No. :</b> 137829002600 <b>M/S PRINCI</b> <b>Consumer Name :</b> M/S PRINCIPAL COLLEGE OF ENGR & TECH <b>Address :</b> TAL ERANDOL DIST JALGAON BAMBHORI  <b>Village :</b> JALGAON <b>Pin Code :</b> 425001	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>BILL DATE</b></td> <td>04-04-2019</td> <td style="text-align: right;">6,46,050.00</td> </tr> <tr> <td><b>DUE DATE</b></td> <td>18-04-2019</td> <td></td> </tr> <tr> <td><b>IF PAID UPTO</b></td> <td>10-04-2019</td> <td style="text-align: right;">6,40,780.00</td> </tr> <tr> <td><b>IF PAID AFTER</b></td> <td>18-04-2019</td> <td style="text-align: right;">6,54,190.00</td> </tr> <tr> <td><b>Last Receipt No./Date :</b></td> <td>0026036077 / 08-03-2019</td> <td></td> </tr> <tr> <td><b>Last Month Payment :</b></td> <td></td> <td style="text-align: right;">4,07,420.00</td> </tr> <tr> <td><b>Scale/Sector :</b></td> <td colspan="2">Small Scale</td> </tr> </table>	<b>BILL DATE</b>	04-04-2019	6,46,050.00	<b>DUE DATE</b>	18-04-2019		<b>IF PAID UPTO</b>	10-04-2019	6,40,780.00	<b>IF PAID AFTER</b>	18-04-2019	6,54,190.00	<b>Last Receipt No./Date :</b>	0026036077 / 08-03-2019		<b>Last Month Payment :</b>		4,07,420.00	<b>Scale/Sector :</b>	Small Scale	
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<b>Scale/Sector :</b>	Small Scale																					

<b>Email ID :</b> sscotjal@gmail.com	<b>Activity :</b>
<b>Mobile No.:</b>	<b>Meter No. :</b> 055 - XD412806 <b>Seasonal :</b> Load Shed Ind <b>INDUST</b>
<b>Tariff :</b> 146 HT-IX B	<b>Connected Load (KW) :</b> 752.00 <b>Urban/Rural Flag :</b> R <b>Express Feeder Flag :</b> No
<b>Contract Demand (KVA) :</b> 300	<b>50% of Con. Demand(KVA) :</b> 150.00 <b>Feeder Voltage (KV) :</b> 11 <b>LIS Indicator :</b>
<b>Sanctioned Load (KW) :</b> 752	<b>old trf</b> HT-IX B

<b>Date of Connection :</b> 17-10-1995	<b>Category :</b> PUBL. SERVICES OTH	<b>GSTIN :</b>
<b>Supply at:</b> HT	<b>Elec. Duty :</b> 06 PART B	<b>PAN :</b> AAATS0310D
<b>Prev. Highest (Mth) :</b> MAY	<b>Prev. Highest Bill Demand (KVA) :</b> 180	
<b>Security Deposit Held Rs. :</b> 15,89,736.00	<b>Addl. S.D. Demanded Rs.</b>	0.00
<b>Bank Guarantee Rs. :</b> 0.00	<b>S.D. Arrears Rs. :</b>	0.00

BILLING HISTORY			
Bill Month	Units	Bill Demand(KVA)	Bill Amount
FEB-19	26,839	150	4,15,635
JAN-19	33,197	150	5,13,980
DEC-18	16,817	150	8,18,646
NOV-18	26,420	150	4,08,302
OCT-18	49,386	178	7,50,099
SEP-18	44,485	150	6,28,027
AUG-18	44,566	174	5,62,173
JUL-18	39,055	155	4,93,325
JUN-18	28,623	155	3,90,413
MAY-18	68,779	180	27,72,727
APR-18	62,555	170	7,74,821
MAR-18	61,615	199	6,27,128

**CUSTOMER CARE Toll Free No.**  
**1912, 1800-233-3435,**  
**1800-102-3435**

IGRC: VIDYUT BHAVAN, OLD MIDC, AJANTA ROAD, JALGAON, Phone - 0257-2210901  
 In case of non-redressal of grievance here, consumer may make his representation to below forum  
 CGRF: CGRF CELL, VIDYUT BHAVAN, MSEDC, OLD MIDC, JALGAON, Phone - 0257-2212275

Maintain Harmonics distortion within limit as prescribed by IEEE STANDARD 519-1992 to avoid penalty

Avail Power factor incentives up to 7% maintaining power factor above 95% to 100%

Avail load factor incentive up to 15% by maintaining constant load profile.

Avail 1% prompt payment discount by paying bills within prompt payment date.

For making Energy Bill payment through RTGS/NEFT mode, use following details  
 o Beneficiary Name: MSEDCL  
 o Beneficiary Account Number: MSEDCL01137829002600  
 o IFS Code: YESB0CMSNOC (fifth character is zero and tenth character is "O")  
 o Name of Bank: Yes Bank  
 o Name of Branch: CMS NATIONAL OPERATING CENTRE MMR  
 Disclaimer: Please use above bank details only for payment against consumer number mentioned in beneficiary account number.

*K. Bharat*  
**Chief Engineer(Commercial)**  
 E. & O.E. and subject to conditions overleaf

CURRENT CONSUMPTION DETAILS						
Reading Date	KWH	KVAH	RKVAH (LAG)	RKVAH (LEAD)	KW (MD)	KVA (MD)
Current 31-03-2019	180961.000	163234.500	19191.500	7034.000	50.340	50.440
Previous 28-02-2019	148000.000	148142.500	18034.000	6942.500		
Difference	14961.000	15092.000	1157.500	91.500		
Multiplying Factor	3.0000	3.0000	3.0000	3.0000	3.000	3.0000
Consumption	44883.000	45276.000	3472.500	274.500	151.020	151.320
LT Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment -Solar Units	-137.000	0.000	0.000	0.000		
Assessed Consump	0.000	0.000	0.000	0.000		0.000
Total Consumption	44746.000	45276.000	3473.000	275.000	151.000	151.000
BILLING DETAILS						Amount in Rs.
Billed Demand (KVA)	151 @ Rs.		350			Demand Charges 52,850.00
Assessed P.F.		Avg. P.F.	.997			Wheeling Charge @ 0.78 Rs/U 34,901.88
Billed P.F.	.997	L.F.	20			Energy Charges 4,31,798.90
Consumption Type	Units	Rate	Charges Rs.			TOD Tariff EC -6,483.20
Industrial	0	9.65	0.00			FAC @ 76 Ps/U 34,006.96
Residential	0	5.73	0.00			Electricity Duty 1,14,885.65
Commercial	44,746	9.65	431798.90			Other Charges 0.00
E.D. on (Rs.)	Rate %	Amount Rs.				Tax on Sale @ 18 Ps/U 8,054.28
	9.3					P.F. Penal Charges/P.F. Inc. -19,147.61
	16					Charges For Excess Demand 0.00
5,47,074.54	21	114885.65				
TOD Zone	Rate	Units	Demand	Charges Rs.		Debit Bill Adjustment 0.00
0000 Hrs-0600 Hrs & 2200 Hrs-2400 Hrs	- 1.50	14,991	142.00	- 22,486.50		<b>TOTAL CURRENT BILL 6,50,866.88</b>
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	0.00	14,489	151.00	0.00		Current Interest 31/03/2019 0.00
0900 Hrs - 1200 Hrs	0.80	2,631	66.00	2,104.80		Principle Arrears -4,812.65
1800 Hrs-2200 Hrs	1.10	12,635	148.00	13,898.50		Interest Arrears 0.00
						Total Bill (Rounded) Rs. 6,46,050.00
Amount in Words	SIX LAKH FORTY-SIX THOUSAND FIFTY ONLY					Delayed Payment Charges Rs. 8,135.84
						Amount Payable After 18-04-2019 Amount Rounded to Nearest Rs. (10 <sup>-2</sup> ) 654190

### 3. Use Solar Water at Hostels.

In view of Energy Conservation college had installed Solar Water Heater in hostels. The total capacity of Solar Water Heater is 19500LPD (Litter per Day) This action had reduced 60kW connected load. The Details are as follows.

Sr. N	Location	Capacity LPD (Litter per Day)
1	Boys' Hostel No. 1	6000 LPD
2	Boys' Hostel No. 1	6000 LPD
3	Girls' Hostel	6000 LPD
4	Professor Quarter	1500 LPD
	<b>Total Capacity</b>	<b>19500 LPD</b>





Fig . No. 1 Solar Water Heater at Hostels' Rooftop



Fig . No.2 Solar Water Heater at Hostels' Rooftop

## Documents of Solar Water Heater

### Purchase order of Solar Water Heater



**Shram Sadhana Bombay Trust's**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BAMBHORI, POST BOX NO. 94, JALGAON - 425001. (M.S.)  
Included under section 2 (f) & 12 (B) of the UGC Act, 1956  
ISO 9001: 2008 certified

Website- [www.ssoetjalgaon.ac.in](http://www.ssoetjalgaon.ac.in)  
Email: [ssoetjal@gmail.com](mailto:ssoetjal@gmail.com)  
Principal: Dr. K.S.Wani  
M. Tech, DBM. Ph.D.

Phone No. (0257) 2258393  
Fax No. (0257) 2258392

Ref. No. COET/SE/1827/09/15

Purchase Order

Date: 29 SEP 2015

To  
Jain Irrigation System Ltd,  
Jain Green Energy Park, Jain Valley,  
Shirsoli Road,  
Jalgaon

**Subject:-** Purchase order of 6000LPD(4 X 1500LPD Unit ) Solar Water Heaters for Boys' Hostel No.2.  
**Ref. :-** Your quotation no JISL/SOLAR/ASA-16/July 2015 dated 30<sup>th</sup> July 2015 & meeting on 24/09/15.

Sir,

With reference to your quotation, I convey to you that the items mentioned below along with their specifications, rates, quantity, general terms and conditions are ordered for purchase in college.

Please supply them within stipulated time frame and along with the copy of packing list, guarantee cards and your bill in triplicate for needful.

Sr. No	Items	Qty	Net Rate Rs.	Amount Rs
1	1500LPD Flat Plate Collector Solar Water Heater (SUNGLOW Open Loop System) including Hot water storage tank, Mounting racks and Spares for installation. ( Total Capacity 6000LPD) Detail Technical Specification in Annexure	04 Sets	210000.00 ( Rs 140/- per Liter)	840000.00
			VAT	Including
			NET TOTAL	840000.00

In words, Rupees Eight lakh, Forty Thousand only.

#### General terms & conditions:

1. No Excise duty and Octroi on solar water heating system.
2. Rates are including survey charges, transportation, shifting by crane, installations and commissioning.
3. Rates are excluding of civil and plumbing works.
4. Payment after successful installations, testing and commissioning.
5. Delivery within 10 Days from date of PO.
6. Warranty : Five year from date of invoice or as per company.

Thanking you

Yours faithfully,

29.9.15

Dr. K.S.Wani  
Principal

Copy to :- 1) DR 2) AR 3) Store 4) Hostel Rector  
5) Site Engineer (Electrical) 6) Site Engineer (Civil)

o/c of Site Engineer  
25/9/15  
SSBT's College of Engg. & Technolo  
Bambhori, Jalgaon - 425001 (M.S.)

UG Programs - Engineering: Bio-Technology\*, Chemical\*, Civil\*, Computer, Electrical, Electronics & Telecommunication\*, Information Technology, Mechanical  
PG Programs - Engineering: Civil, Computer, Electrical, Electronics & Telecommunication, Mechanical  
- Management: MBA

\* NBA Accredited





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**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BAMBHORI, POST BOX NO. 94, JALGAON – 425001 (M.S.)  
**Included under section 2 (f) & 12 (B) of the UGC Act, 1956**  
**Grade B ++ (2.91) NAAC Accredited**

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

Email: [sscoetjal@gmail.com](mailto:sscoetjal@gmail.com)

Principal: Dr. K.S.Wani  
M. Tech., DBM, Ph.D.

Phone No. (0257) 2258393

Fax No. (0257) 2258392

**BY HAND**

Ref. No. COET/S.E/1570/10/17

Date: 13 OCT 2017

**Purchase Order**

To

**Jain Irrigation System Ltd,  
Jain Green Energy Park, Jain Valley,  
Shirsoli Road,  
Jalgaon**

**Subject:-** Purchase order of 1500LPD Solar Water Heater for Girls' Hostel at Prof. quarters Building.

**Ref. :-** Your quotation no JISL/SOLAR/ASA-17/Oct 2017 dated 7<sup>th</sup> Oct 2017 .

Dear Sir,

With reference to your quotation, I convey to you that the items mentioned below along with their specifications, rates , quantity , general terms and conditions are ordered for purchase in college.

Please supply them within stipulated time frame and along with the copy of packing list, guarantee cards and your bill in triplicate for needful.

Sr. No.	Items	Qty	Rate Rs.	Amount in Rs
1	1500LPD Open Loop Flat Plate Collector Solar Water Heater including Hot water storage tank, GI System Piping Mounting racks and Spares for installation. Detail Technical Specification in Annexure	01No.	252610.00	252610.00
		<b>Discount</b>	-52610.00	-52610.00
			<b>Total</b>	200000.00
			<b>5% GST</b>	10000.00
			<b>NET TOTAL</b>	<b>210000.00</b>

Inward: Rupees Two lakh, ten thousand only.

**General terms & conditions**

1. No Excise duty and Octroi on solar water heating system.
2. Rates are including survey charges, transportation, shifting by crane , Installations Testing and Commissioning.
3. Rates are excluding of civil and plumbing.
4. Payment will be made as per actual quantity & bill certification.
5. Delivery within 10 Days from date of PO.
6. Warranty : Five year from date of invoice or as per company.

Thanking you



Yours faithfully,

*[Signature]*  
13-10-17

Dr. K S Wani  
**Principal**  
**PRINCIPAL**

Copy to :- 1) Account. 2) Store 3) Hostel Rector 4) Site Engineer (Civil)

*[Handwritten initials]*  
13/10/17  
Shram Sadhana Bombay Trust's College of Engg. & Technology  
Bambhori, Jalgaon - 425001 (M.S.)




Subject to Jalgaon Jurisdiction

CASH / CREDIT MEMO

**Jagruti Irrigation Services**

At.Post :- G.No. 1373, Near Vitthal Mandir, Kanalda Tal.&amp;Dist. Jalgaon - 425 120

<b>AUTHORISED DEALER FOR</b>  <b>JAIN</b> Jain Irrigation Systems Ltd. Green Energy Division	Invoice Number	SOLAR / <b>17</b>
	Date	10/10/2013
	Customer PO No / Reference Invoice No.	2901416607/24

Customer Name & Address :- Shrama Sadhana Bumbay  
Trust's College of engg & Technology  
Alp Bumbori Tal. Jalgaon

Mobile Number :- 0257-2258393

JAIN SOLAR WATER HEATER SYSTEM Details	AMOUNT
Jain Solar Water Heater Capacity - 1500 ltr (60L x 2 System)	473000/—
Capital Subsidy under JNNM scheme (LESS)	141900/—
<b>NET AMOUNT</b>	<b>331100/—</b>

AMOUNT IN WORDS Three lacs Thirty one thousand one hundred

Tank Serial Number :-

Collector / Manifold Sr. Number

Number of ETC Tubes :

DECLARATION :

I/We hereby certify that my/our registration certificate is valid and the Maharashtra Value Added Tax Act 2002 is in force on the date on which the sale of the goods specified in this tax invoice is made by me/us and that the transaction of sale covered by this tax invoice has been effected by me/us and it shall be accounted for in the turnover of sales while filing of return and the due tax, if any payable on the sales has been paid or shall be paid.

CUSTOMER SIGNATURE

<b>STORE ENTRY</b>	
A.P.R.No..... <sup>48</sup>	Page No..... <sup>151</sup>
Date: 28/10/2013	
Store Keeper SSBT'S COET Bumbhori, Jalgaon	

FOR DEALER

नामून: प्रिन्सपल वरिसेस  
 10

प्रोप्रायटर  
 AUTHORIZED SIGNATURE

VAT TIN NO. 27120125788 V w.e.f. 3/10/2011

PAN NO. ABEPB6898A

THIS SALE IS SUBJECT TO COMPANY'S GENERAL TERMS & CONDITION & STANDARD WARRANTY  
 (GOODS ONCE SOLD WILL BE TAKEN BACK)

JAIN SOLAR - JOIN VENTURE WITH NATURE

**4. Replacement of Fluorescent Tube Fitting by LED Tube Fitting and LED light fitting in new and renovated areas**

Use of Energy Efficient electrical appliances is best practices in energy conservation. The college initiated and implementation of voluntarily retirements of inefficient electrical gazettes like lighting fixtures, fans , ACs pumps. All new establishment and renovation areas are equipped BEE marked star rating LED Lights, Fans and ACs .

Replacement of Existing Fluorescent and HPMV lights by LED Lights are shown below.

Sr. No	Location	Old Installation			New Installation			% Saving
		Existing Light	Qty. in No.	Load kW	Replaced by LED Light	Qty In No.	Load kW	
1	College Main Building Labs	36 W Light + 14Watt chock	100.	5kW	28Wtt T-5 Tube fitting	100	2.8kW	44%
2	College Main Building Class Rooms	36 W Light + 14Watt chock	500	25kW	22 Watt LED Tube Light	500	11kW	56%
3	Computer Centre and Labs	36 W Light + 14Watt chock	40	2kW	15 Watt LED Light	76	1.1kW	45%
4	Out Door Street light	150 Watt HPMV	36	5.4kW	48 Watt LED Street Light	36	1.73kW	68%
5	Pay ground	400W	6	2.4kW	70W LED	10	0.7kW	70%
<b>Average Percentage Energy Conservation</b>								<b>56.6%</b>



Fig. No.3 Fluorescent Tub Light before Replacement



Fig. No.3 Fluorescent Tub Light replaced by LED Tube Fitting

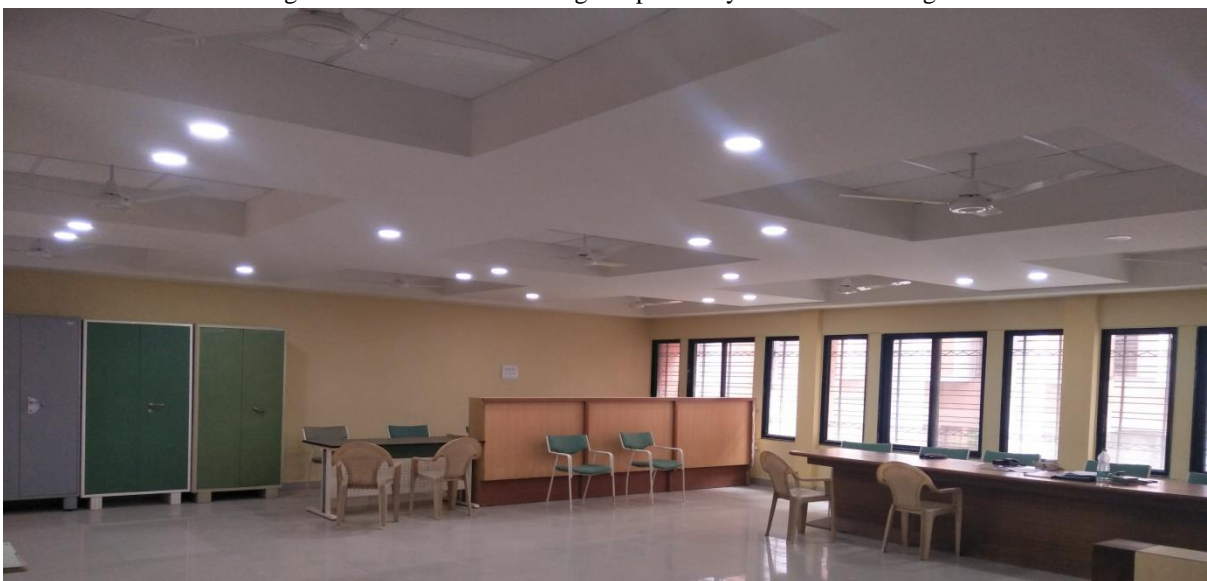


Fig No.5 Renovation with LED Lights





Fig No.6 LED Sport Lights



# Documents of LED Lights

## Purchase orders and bills for LED Lights



*Shram Sadhana Bombay Trust's*  
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**Included under section 2 (f) & 12 (B) of the UGC Act, 1956**  
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Email: [sscoetjal@gmail.com](mailto:sscoetjal@gmail.com)

Principal: Dr. K.S.Wani

M. Tech., DBM, Ph.D.

Phone No. (0257) 2258393

Fax No. (0257) 2258392

**BY HAND**

Ref. No. COET/SE/1506/11/19

Date: 09 NOV 2019

### PURCHASE ORDER

To

**Lucky Light House**  
**Near Old Bus Stand**  
**Jalgaon.**

**Subject** :- Purchase order of 22 Watt LED Tube Light Fitting

Dear Sir,

With reference to your quotation, I convey to you that the goods mentioned below along with their specifications, rates, quantity, specific, general terms and conditions are ordered for purchase in college.

Please supply them within stipulated time frame and along with the copy of packing list, along with guarantee cards your bill in triplicate for needful. For any other clarification regarding this purchase order you may contact the concerned department through undersigned.

Sr. No.	Items	Qty	Net Rate Rs.	GST	Amount in Rs
1	22 Watt LED Tube Light Fitting Complete Syska Make. (Day Warm:40No. Bright White: 160No)	100 No.	259.00	12%	29000.00
<b>TOTAL</b>					<b>29000.00</b>
In wards: Rupees Twenty nine thousand only.					

#### General terms & conditions

1. Payment will be made as per actual quantity and bill certification.
  2. Delivery within 8 Days from date of PO.
  3. Warranty : Two year from date of invoice or as per company.
- Thanking you.

Yours faithfully,

  
Principal  
**PRINCIPAL**

Copy to :- 1) Account. 2) Store 3) Site Engineer (Electrical)

**SSBT's College of Engineering & Technology**  
Bambhori, Jalgaon-425001 (M.S.)



*Shram Sadhana Bombay Trust's*  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BAMBHORI, POST BOX NO. 94, JALGAON - 425001 (M.S.)  
**Included under section 2 (f) & 12 (B) of the UGC Act, 1956**  
**Grade B++ (2.91) NAAC Accredited**

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

Email: [sscoetjal@gmail.com](mailto:sscoetjal@gmail.com)

Principal: Dr. K.S.Wani

M. Tech., DBM, Ph.D.

Phone No. (0257) 2258393

Fax No. (0257) 2258392

**BY HAND**

Ref. No. COET/ SE/1183/08/19

Date: 31/08/19

**PURCHASE ORDER**

To

**Lucky Light House  
Near Old Bus Stand  
Jalgaon.**

**Subject** :- Purchase order of 22 Watt LED Tube Light Fitting

Dear Sir,

With reference to your quotation, I convey to you that the goods mentioned below along with their specifications, rates, quantity, specific, general terms and conditions are ordered for purchase in college.

Please supply them within stipulated time frame and along with the copy of packing list, along with guarantee cards your bill in triplicate for needful. For any other clarification regarding this purchase order you may contact the concerned department through undersigned.

Sr. No.	Items	Qty	Net Rate Rs.	GST	Amount in Rs
1	22 Watt LED Tube Light Fitting Complete Syska Make. (Day Warm:40No. Bright White: 160No)	200 No.	259.00	12%	58000.00
<b>TOTAL</b>					<b>58000.00</b>
In wards: Rupees Fifty Eight thousand only.					

**General terms & conditions**

1. Payment will be made as per actual quantity and bill certification.
2. Delivery within 8 Days from date of PO.
3. Warranty : Two year from date of invoice or as per company.

Thanking you.

Yours faithfully,

  
Principal

**PRINCIPAL**  
SSBT's College of Engineering & Technology  
Bambhori, Jalgaon-425001 (M.S.)

Copy to :- 1) Account. 2) Store 3) Site Engineer (Electrical)



**Tax Invoice**

<b>Lucky Light House - (19-20)</b> Jmp Mkt , Jalgaon Mobile No:9823367947,8329748480 GSTIN/UIN: 27AADPL1394B1Z0 State Name : Maharashtra, Code : 27 Buyer <b>Ssbt's Coet Bambhori</b> State Name : Maharashtra, Code : 27.	Invoice No.	Dated
	<b>1601</b>	<b>18-Mar-2020</b>
	Supplier's Ref.	Other Reference(s)
	Vessel/Flight No.	Place of receipt by shipper.
	City/Port of Loading	City/Port of Discharge

Sl No	Description of Goods	HSN/SAC	Quantity		Rate	per Disc. %	Amount
			Shipped	Billed			
1	SSK-SQ-2201-22W-6500K	9405	200 NO	200 NO	205.00	NO	<b>41,000.00</b>
	<i>Sgst @ 6%</i>				6 %		<b>2,460.00</b>
	<i>Cgst @ 6%</i>				6 %		<b>2,460.00</b>
	<b>Total</b>		<b>200 NO</b>	<b>200 NO</b>			<b>Rs. 45,920.00</b>

**COET Security**  
 No. 3056  
 Date 18-03-2020  
 Sign. *[Signature]*

Amount Chargeable (in words) **Indian Rupees Forty Five Thousand Nine Hundred Twenty Only** E & O E

Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
41,000.00	6%	2,460.00	6%	2,460.00	4,920.00
<b>Total: 41,000.00</b>		<b>2,460.00</b>		<b>2,460.00</b>	<b>4,920.00</b>

Tax Amount (in words) : **Indian Rupees Four Thousand Nine Hundred Twenty Only**

Declaration: We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.  
 Company's Bank Details:  
 Bank Name: **Idbi 048210200008648**  
 A/c No. : **048210200008648**  
 Branch & IFS Code : **KHANDESH, JALGAON & IBKL0000482**  
 for Lucky Light House - (19-20)

**STORE ENTRY**  
 M.P.R.No. 291 Page No. 117  
 Date: 21/03/2020  
*[Signature]*  
 Store Keeper  
**SSBT'S COET, Bambhori, Jalgaon**

SUBJECT TO JALGAON JURISDICTION  
 This is a Computer Generated Invoice

Authorized Signatory



Shram Sadhana Bombay Trust's  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BAMBHORI, POST BOX NO. 94, JALGAON - 425001 (M.S.)  
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Principal: Dr. K.S.Wani  
M. Tech., DBM, Ph.D.

Phone No. (0257) 2258393  
Fax No. (0257) 2258392

**BY HAND**

Ref. No. COET/SE/20/01/20

Date: 04 JAN 2020

**PURCHASE ORDER**

To  
**Shyam Electricals**  
Shop No. 26, Shahu Complex  
Jalgaon.

Subject :- Purchase order of LED Street light and Flood Light

Sir,

With reference to your quotation, I convey to you that the goods mentioned below along with their specifications, rates, quantity, specific, general terms and conditions are ordered for purchase in college.

Please supply them within stipulated time frame and along with the copy of packing list, along with guarantee cards your bill in triplicate for needful. For any other clarification regarding this purchase order you may contact the concerned department through undersigned.

Sr. No.	Items	Qty	Net Rate Rs.	Discount	Amount in Rs
1	40 Watt LED Street Light LSTS CDL Crompton make (Including hardware)	15No.	3800.00	50%	28500.00
2	70 Watt LED Flood Light Crompton make	12 No.	6800.00	48%	42432.00
				12% GST	8512.00
				<b>TOTAL</b>	<b>79444.00</b>

In wards: Rupees Seventy nine thousand four hundred and forty four only.

**General terms & conditions**

1. Payment will be made as per actual quantity and bill certification.
2. Delivery within 8 Days from date of PO.
3. Warranty : Two year from date of invoice or as per company.

Thanking you.

Yours faithfully,

  
4-1-20

Principal

**PRINCIPAL**

SSBT's College of Engineering & Technology  
Bambhori, Jalgaon-425001 (M.S.)

Copy to :- 1) Account. 2) Store 3) Site Engineer (Electrical)



**Crompton**

II SHREE II

DELIVERY CHALLAN CUM TAX INVOICE

**SHYAM ELECTRICALS****USHA**

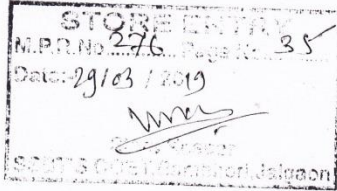
All Kinds of Electrical Maintenance &amp; Goods Resellar

Shop No. 26, Shahu Complex, Near Sai Vijan, Jalgaon. Mob. : 7350652705, 8485014253

GSTIN : 27ASEPD4433A1ZE

To <u>Principal</u> <u>SSBT's College of Engg. &amp; Tech.</u> <u>Bambhori, Jalgaon</u> <u>27AAA T50310D2Z5</u>	No. : <u>432</u>	Date : <u>29/3/19</u>
Byers GSTIN : _____ State Code : _____	Challan No. <u>341</u>	Date : <u>29/3/19</u>
	P. O. No. : _____	Date : _____

Sr. No.	Particulars	HSN No.	Quantity	Rate Rs. Ps	Amount Rs. Ps.
1	Crompton 40 W LED Street Light	-	12 Nos	2203	26436=00
2	condense 2-5 Crompton	-	100 Nos	34	3400=00
3	18" DOWN Rod Brown	-	30 Nos	60	1800=00
4	Net Bolt & washer (20 Nos + 40 Wt 50z)	-	20 Nos 40 Nos	25	500=00
<b>Total</b>					<b>32136=00</b>
CGST 9%					<b>2892=24</b>
SGST 9%					<b>2892=24</b>
IGST					<b>-</b>
Round off					<b>37920=40</b>
<b>G. TOTAL</b>					<b>37920=00</b>



Account Details : **State Bank of India, Gangapur Road, Nashik**  
 Account No. : **62446336205**  
 IFSC Code : **SBIN0021877** PAN No. : **ASEPD4433A**

Rs. in Words सदीसहस्र हजार नवसहस्र विस शतमे केवल

E. &amp; O. E.

- Terms : 1) Subject to Jalgaon Jurisdiction.  
 2) Goods once sold will not be taken back.  
 3) The payment is request by crossed cheque only.

*Haake*  
 For **SHYAM ELECTRICALS**

**Crompton**


II SHREE II

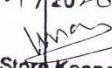
DELIVERY CHALLAN CUM TAX INVOICE  
**SHYAM ELECTRICALS****USHA**

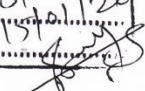
All Kinds of Electrical Maintenance &amp; Goods Reseller

Shop No. 26, Shahu Complex, Near Sai Vijan, Jalgaon. Mob. : 7350652705, 8485014253

GSTIN : 27ASEPD4433A1ZE

To <u>S.S.BT Engg college</u> <u>Jalgaon.</u>		No. : <u>649</u>		Date : <u>15-01-20</u>	
<u>27AAA TS 0310 B2 Z 5</u>		Challan No. _____		Date : _____	
Byers GSTIN : _____		State Code : _____		P. O. No. : _____	
Sr. No.	Particulars	HSN No.	Quantity	Rate Rs. Ps	Amount Rs. Ps.
1	40 W. Led Street Light LSTS CDL - Crompton	—	15 Nos	1900	28500=00
2	70 W Led Flood Light Crompton	—	12 Nos	3536	42432=00
				Total	70932=00
				CGST 6%	4255=92
				SGST 6%	4255=92
				IGST	—
Rs. in Words <u>एक लाख ऐश्टी हजार चारशे तेचवसिस रु केवळ</u>				Round off	79443 84
				G. TOTAL	79443 84
E. & O. E.					
Terms : 1) Subject to Jalgaon Jurisdiction. 2) Goods once sold will not be taken back. 3) The payment is request by crossed cheque only.					
				 For SHYAM ELECTRICALS	

**STORE ENTRY**  
M.P.R.No. 239 Page No. 104  
Date: 23/01/2020  
  
Store Keeper  
SSBT'S COET, Bambhori, Jalgaon.

**COET Security**  
No. 2816  
Date: 15/01/20  
Sign: 



**5. Replacement of Individual water pump by single over head water tank.**

There were four under ground water tanks in hostel and college building. These water tanks are equipped with 5HP centrifugal pumps each. Now college has single over head water tank. River water is pumped directly to this over head tank. Water is supplied to each building by gravity. This facility saved 20HP/ 15kW power and maintenance also.

**8. Purchase of Energy efficient BEE marked Star Rating ceiling fans.**

The college use to purchase only energy efficient ceiling fans for replacement and renovation purpose. The Energy Efficient BEE marked fan and electronic regulator save 20% energy as compare to standard fan.

**9. Purchase of Energy efficient BEE marked Star Rating Air Conditioners.**

The college had replaced 1.5T Window ACs by 1.5T BEE marked Split ACs in view of Energy Conservation . Energy Conservation benefits to customer, utility and society. The Energy Conservation is a social issue and answerable to next generation.



Fig. No. 7 Single over head water tank