



Holy-wood Academy, Kolhapur's

**SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE**

Sanjeevan Knowledge City, Somwar Peth, Panhala, Tal. Panhala, Dist. Kolhapur - 416 201.

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7.1.2 Environmental consciousness and sustainability

2. Percentage of annual power requirements met through LED bulbs: 9.036 %

Total lighting requirements	Percentage Lighting through LED bulbs	Percentage Lighting through other sources
214068.12 kWh	9.036%	90.96%

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

19345 kWh

7.1.4.2 Annual lighting power requirements (in KWH)

214068.12 kWh

Total light fittings in college = a) Fluorescent Tube light (1402 Nos) +

b) LED Tube (400 Nos) +

c) Moon Light (169 Nos)+

d) CFL (42 Nos)

Power of LED Light 9,15,20,40 watt light =  $[125*9 w] + [60*15 w] + [200*20 w] + [15*40 w]$

= 6625 watt

$$\begin{aligned} \text{Power of fluorescent Tube light 36 watt tube light + choke} &= 1402 * [36 \text{ w} - 10 \text{ w choke loss}] \\ &= 64492 \text{ watt} \end{aligned}$$

$$\begin{aligned} \text{Power of Moon Light 10 watt light} &= 169 * [10 \text{ w}] \\ &= 1690 \text{ watt} \end{aligned}$$

$$\begin{aligned} \text{Power of CFL light 12 watt tube light} &= 42 * [12 \text{ w}] \\ &= 504 \text{ watt} \end{aligned}$$

$$\begin{aligned} \text{Annual lighting power requirement met though LED bulbs (in KWH)} \\ &= 6625 \text{ watts} * 8 \text{ hrs.} * 365 \text{ days} \\ &= 19345 \text{ KWH} \end{aligned}$$

$$\begin{aligned} \text{Annual lighting power requirement met though Fluorescent Tube light (in KWH)} \\ &= 64492 \text{ watts} * 8 \text{ hrs} * 365 \text{ days} \\ &= 188316.640 \text{ KWH} \end{aligned}$$

$$\begin{aligned} \text{Annual lighting power requirement met though Moon light (in KWH)} \\ &= 1690 \text{ watts} * 8 \text{ hrs} * 365 \text{ days} \\ &= 4934.8 \text{ KWH} \end{aligned}$$

$$\begin{aligned} \text{Annual lighting power requirement met though CFL light (in KWH)} \\ &= 504 \text{ watts} * 8 \text{ hrs} * 365 \text{ days} \\ &= 1471.68 \text{ KWH} \end{aligned}$$

Hence total Annual lighting power requirements (in KWH)

$$= 19345 \text{ (LED)} + 188316.640 \text{ (FTL)} + 4934.8 \text{ (Moon Light)} + 1471.68 \text{ (CFL)}$$

$$= 214068.12 \text{ KWH}$$



॥ विद्यानां विद्या संजीवनी ॥

## HOLY - WOOD ACADEMY, KOLHAPUR.

HEAD OFFICE : SANJEEVAN KNOWLEDGE CITY,  
SOMAWAR PETH, PANHALA, DIST. KOLHAPUR- 416201

Ph. : (0231) 2686810 Fax : 2686809 Web : www.sanjeevan.edu.in

E-mail : sanjeevanoffice@gmail.com • holywoodacademy@gmail.com

Ref. No.: HAK/18-19/

Date - 15 June 2018

### PURCHASE ORDER

To,  
**Lumen Led Lights**  
Mangalwarpeth, Kolhapur.

Subject: Purchase Order for Syska Led Lights.

Respected Sir,

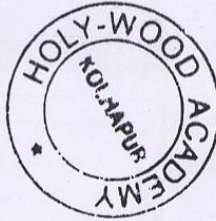
As per your quotation & personal discussion regarding your rate for Led Lights, for all hostels and school building we are glad to place Purchase order as follows.

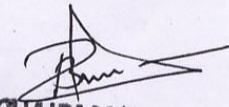
Sr.NO	Particular	Qty	Rate	Amount
1.	9 W Led Bulb	125 nos	115.36	14,420/-
2.	15 W Led Con Panel	60 nos	675.36	40,522/-
3.	20 W Led Tubelight	200 nos	310.00	62,000/-
4.	40 W Led Street Light	15 nos	3,200.00	48,900/-
<b>Total</b>				<b>1,65,842/-</b>

#### Terms & Condition as follows:

1. Payment : 100 % advance.
2. Delivery: At our campus within 2 days.
3. Rates are inclusive of all taxes.

Thanking You,



  
**CHAIRMAN**  
Holy Wood Academy, Kolhapur  
Dist-Kolhapur

# LUMEN LED LIGHTS

SAVE MORE LIGHT MORE

Office :2539/1 B WARD BEHIND PRIVATE  
HIGH SCHOOL,MANGALWAR PETH,  
Kolhapur. lumenindia@yahoo.com  
MOBILE : 8421411234/8605011234

GSTIN: 27AYIPJ1802B1ZZ

## Tax Invoice

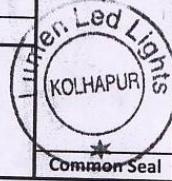
Invoice No: LLL-180	Transport Mode:
Invoice date: 12-6-2018	PO NO.
Reverse Charge (Y/N): N	Date of Supply:
State: Maharashtra	Place of Supply:
CODE	27

Bill to Party		Ship to Party	
Name: HOLYWOOD ACADEMY	Name:	Address:	
Address: SOMWAR PETH,KOLHAPUR	Address:		
GSTIN:	GSTIN:		
State: MAHARASHTRA	CODE	27	State: Code

Sl. No.	Product Description	HSN code	Qty	Rate	Amount	Taxable Value	CGST		SGST		Total
							Rate	Amount	Rate	Amount	
1	SSK-RDL-R-15W-6500K	94054090	60	603	36180	36180	6	2170.8	6	2170.8	40521.60
2	SSK-ALB-20W-6500K	94054090	200	276.79	55358	55358	6	3321.5	6	3321.5	62000.96
3	SSK-PAG-BULB-9W-6500K	94054090	125	103	12875	12875	6	772.5	6	772.5	14420.00
4	SSK-SLG-CF-40W-6500K	94054090	15	2910.7	43660	43660	6	2619.6	6	2619.6	48899.26
<b>Total</b>			400		148073	148073		8884.4		8884.4	165841.82

Total Invoice amount in words		Total Amount before Tax	148073.05
ONE LAKH SIXTY DIVE THOUSAND EIGHT HUNDRED FOURTY TWO RUPES ONLY		Add: CGST	8884.38
		Add: SGST	8884.38
		Total Tax Amount	17768.77
		Total Amount after Tax:	165841.82
Bank Details		Round up AMT :	165842

Bank A/C: 60156070722  
Bank :Bank OF Maharashtra IFSC: MAHB0000326  
Terms & conditions  
No warranty For burns Damages part



सदर मटेरीयल चेक केले आहे  
p. Patil

Certified that the particulars given above are true and correct  
For lumen led lights  
*S. S. Saker*  
Authorized signatory