

**Powersave Solutions Ltd**  
**Unit 7, The Sandon Estate**  
**Sandon Way**  
**Liverpool**  
**L5 9YN**



**PROPOSAL**

**Business Type:** CORPORATE OFFICES

**Date:** 03/2015

Dear Sirs,

Further to the assessment review carried out at your premises, we enclose our offer below:

**Facts**

Est. consumption as of today per month	£5,222.87
New Estimated Consumption per month	£1,813.27
Savings Per month	<b>£3,409.59</b>
Savings Per Year	<b>£40,915.11</b>
<b>Materials Cost</b>	<b>£88,778.00</b>
<b>Replacement/Installation Cost</b>	<b>£12,312.00</b>
Total Vat (Materials + Installation)	£20,218.00
Recovery Period (excl. VAT) in months	<b>29.6</b>
<b>Total Cost (not including Vat)</b>	<b>£132,974.70</b>
<b>Your electricity Rate</b>	<b>0.13</b>

***Our Proposal 1***

Deposit (the Vat amount)	£20,218.00
No of Instalments	<b>24</b>
Instalment Amount	<b>£4,212.08</b>
Total Payable (excl. Vat)	<b>£101,090.00</b>
	<b>ROI 29.6</b>

***Our Proposal 2***

Deposit (the Vat amount)	£28,031.07
No of Instalments	<b>12</b>
Instalment Amount	<b>£7,918.72</b>
Total Payable (excl. Vat)	<b>£95,024.64</b>
	<b>ROI 27.9</b>

***Our Proposal 3***

Deposit (the Vat amount)	£27,041.73
No of Instalments	<b>1</b>
Instalment Amount	<b>£88,959.20</b>
Total Payable (excl. Vat)	<b>£88,959.20</b>
	<b>ROI 26.1</b>

<b>Kwh Savings per Year</b>	216,854	
<b>Carbon CO<sub>2</sub> saving:</b>	112.76	tonnes
<b>Carbon Tax Saving:</b>	<b>£557.06</b>	£4.94/t
	<b>£2,038.78</b>	£18.08/t
	<b>£3,382.93</b>	£30.00/t

Co2 saving is 0.52m<sup>3</sup> per KW

Carbon tax in 2013 is: **£4.94** per CO2 tonne  
 Carbon tax in 2014 is: **£18.08** per CO2 tonne  
 Carbon tax in 2020 is: **£30.00** per CO2 tonne

**Notes:**

1. All calculations are based on the assumption that the premises working hours are the ones shown on Appendix A.
2. Delivery: 10-30 days after order confirmation and payment of deposit.
3. Warranty: All products have a 5 years warranty. Expected life of products: 8-10 years.
4. Quantities shown and final proposal is subject to a detailed final survey.
5. Financing is offered by third party provider and is subject to approval, approx. APR 4.5-8.5% depending on client credibility.
6. Proposal is not in any way binding for the company to accept it and is subject to company's terms and conditions.
7. Proposal is only be valid for a period of 30 Business Days from its date of issue
8. All calculations are based the information you have provided. It is an estimate only and no liability will be accepted for deviations. In the event that you deem it necessary we would invite you to independently and professionally certify the calculations.

**APPENDIX A: Estimated Current Situation**

	Fittings Location	Type of Luminaire / Lamp	No. of Lamps	Estimated Consumption per Year	Lamp Rating (W)	Annual Operating Hours	Working Hours		
							hrs/day	days/w	w/year
1	Corridors/common Areas	Fluorescent Tubes 5ft T8 58W 1500mm	41	£945.97	58	3060	12	5	51
2		Fluorescent Tubes 4ft T8 36W 1200mm	24	£412.44	36	3060	12	5	51
3		Fluorescent Tubes 2ft T8 18W 600mm	4692	£40,315.92	18	3060	12	5	51
4		2D 28W 4-pin GR10q	11	£147.03	28	3060	12	5	51
5		PL Tube 26W G24	264	£3,276.60	26	3060	12	5	51
6		PL Tube 55W 2G11	98	£2,572.97	55	3060	12	5	51
7		Halogen Bulb MR16 50W	79	£1,885.57	50	3060	12	5	51
8		AR111 12V 75W	11	£393.82	75	3060	12	5	51
<b>Replacement &amp; Maintenance Factor (RMF)</b>				£12,534.88					

**Total Estimated Consumption as of today: £62,674.38**

**APPENDIX B: Alternative Proposed List with LEDs**

	Fittings Location	Proposed Type of Luminaire / Lamp	No. of Lamps	Estimated Consumption per Year	Lamp Rating (W)	Annual Operating Hours	Working Hours		
							hrs/day	days/w	w/year
1	Corridors/common Areas	LED Tubes T8 24W	41	£391.44	24	3060	12	5	51
2		LED Tubes T8 20W	24	£190.94	20	3060	12	5	51
3		LED Tubes T8 10W	4692	£18,664.78	10	3060	12	5	51
4		LED Adaptor 2D 12W	11	£52.51	12	3060	12	5	51
5		PL Tube 13W G24	264	£1,365.25	13	3060	12	5	51
6		LED Tube 22W 2G11	98	£857.66	22	3060	12	5	51
7		LED Bulb GU10 6W	79	£188.56	6	3060	12	5	51
8		LED Bulb AR111 12V 11W	11	£48.13	11	3060	12	5	51

**NEW Est. Consumption with proposed LED Products: £21,759.27**

**Electricity Cost Saving per year: £40,915.11**

**Rate of KWH(£) : 0.13**