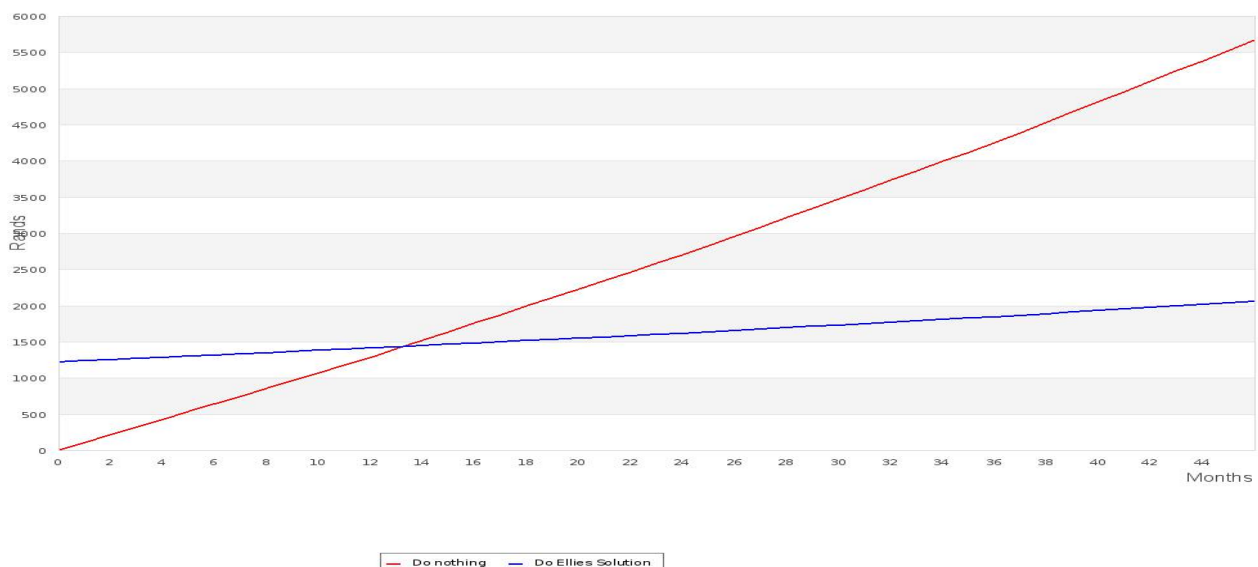


Cash Financial Analysis

After the lighting survey conducted on site, the following calculations and estimates can be made:

Demand for Lighting per hour		Electricity Consumption per day		Monthly Cost	
Before	After	Before	After	Before	After
107 kW	16 kW	2568 kWh	384 kWh	R 128.27	R 18.94
Project Cost ex VAT		Expected Monthly Saving		% Saving	
R 5,114.75		R 109.33		85%	



The breakeven point is calculated as the amount of time (in months) that the savings achieved from retrofitting old technologies will take to recover the initial project expense.

How the calculations are done (unrelated example)

The running costs indicated below is based on 10 burning hours per day (07:00 until 17:00) for 25 days per month. A cost of R1.00 per kWh is assumed.



4ft Fluorescent
36W



4ft LED Tube
20W



Incandescent Lamp
60W



A60 LED Lamp
7W



Halogen Lamp
50W



LED Lamp
6W

0.036 kWh	0.020 kWh	0.060 kWh	0.007 kWh	0.050 kWh	0.006 kWh
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Cost per Hour:	≈ R0.04	≈ R0.02	≈ R0.06	≈ R0.01	≈ R0.05	≈ R0.01
Cost per Day	= R0.36	= R0.20	= R0.60	= R0.07	= R0.50	= R0.06
Cost per Month	= R9.00	= R5.00	= R15.00	= R1.75	= R12.50	= R1.50

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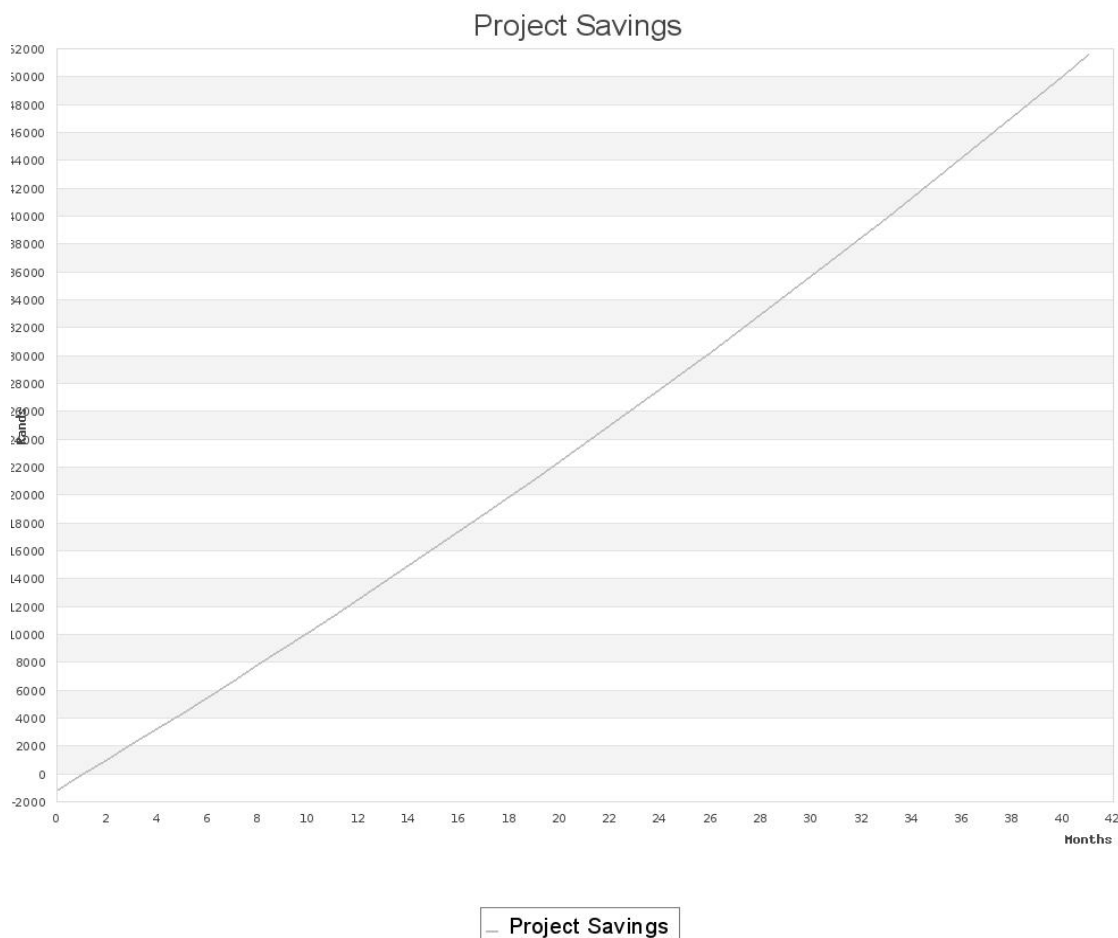
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Replacement Items Overview

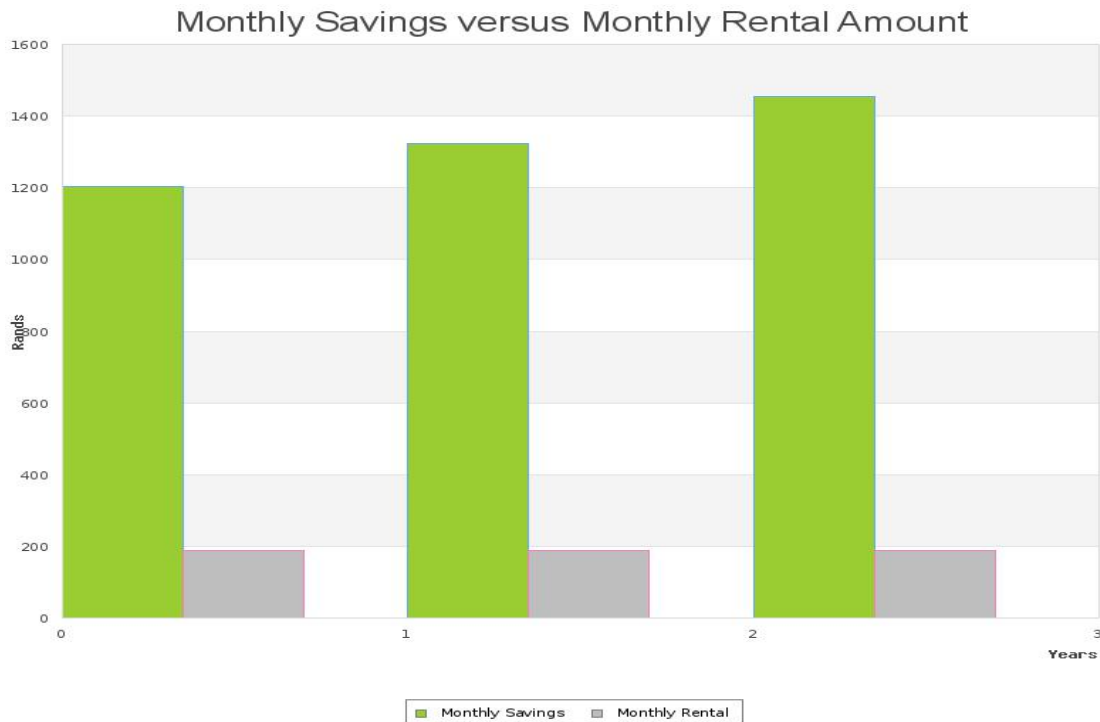
Payback Period	Monthly Savings	Percentage Saved(%)	Savings after 5 years
41.30 Months	R109.33	85%	R 2,895.24

Cost Overview - Cash Option

Category	Product Price	Installation	Total Price
Replacement Products	R4,081.82	R1,032.93	R5,114.75
Additional Products	R0.00	R0.00	R0.00
Total	R4,081.82	R1,032.93	R5,114.75



Rental Financial Analysis



Rent per Month

R188.93 is the Rental option subject to approval by a third party financier over a period of 36 Months

If the project were not completed, ellies would continue paying as much as R 128.27 per month for lighting. But by completing the project, this amount can decrease to as little as R 18.94 each month. Even if you rent the equipment for R188.93 over 36 months, you end up paying only R207.87 monthly which, after the 36 months, becomes money in your pockets.

Cost Overview - Rental Option

Category	Capital	Maintenance	Total
Replacement Products	R147.60	R41.32	R188.93
Additional Products	R0.00	R0.00	R0.00
Total	R147.60	R41.32	R188.93

Contract Overview

Rental Term	Deposit	Monthly Rental by year
36 Months	R511.47 (10%)	1: R188.93 2: R188.93 3: R188.93

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Project Details

Type of Premises (Mark with x): Business ☒ Home ☐ Other ☐

Company Name	ellies	Contact Person	Shaun Test
Physical Address	ellies green building	Telephone	0833956089
		E-mail	shaun.nel@ellies.co.za
Telephone	0114930344	Date	2015-08-06

Additional Information

Project Manager	None	Region	Commercial
Installer	None		
Sales Rep	None		
Electricity Supplier	Eskom	Type of Connection	Single Phase Three Phase
Cost per kWh	R 1.2	Meter Number	None

Consumption Data and Installation Details

Electricity Accounts	Travel (km)	Ceiling Height	Contingency
	352	0.00	0.00

Installation ☒

Notes:

None

Scope of Works

This project entails the supply and installation of 5 efficient lighting technologies to retrofit or replace 5 inefficient lighting sources found at the premises of ellies. Measurements were done to show savings in consumption more accurately. No measurements were done, which means that all savings are based on estimated values. Work to be completed per specified location is described below.

Area	Old Technology	Quantity	Replacement Technology	Quantity	Hours Operated	Replace Fitting
Ground - Entrance	Halogen 50W MR16	5	9W Downlight tiles WW	5	4	Downlight
Ground - Entrance	B22 - 14W - CFL	4	7W A60 WW B22	4	4	B22
Ground - tv room	E27 - 75W - Incandescent	5	7W A60 CW E27	5	4	E27
Ground - lounge	Halogen 50W MR16	3	6W Slim Square Downlight CW	3	4	Downlight
Ground - kitchen	Halogen 50W MR16	1	5W Downlight tiles DL	1	4	Downlight

Quote Acceptance

I,
in my Capacity as
hereby accept the quotation submitted to me by Ellies for 5 of energy efficient lighting to the amount of R0. I understand that a 10% deposit is payable before any work will commence and that the rest of the amount will be payable upon completion of the job and signing of the jobcard below once all equipment

Signed at: _____ on this _____ day of _____

_____ for the Customer

_____ for the Company: Ellies

Terms and conditions

- This Quote is valid for a period of thirty (30) days from date hereof. Should we receive your order AFTER thirty (30) days from date hereof, we may need to adjust your pricing based on the ruling rates of exchange.
- Our proposal is based on current exchange rates.
- The scope of works may change while our contractors are on site due to changes in your requirements. Any items exceeding the above quantities will be charged separately at the same rate as detailed above.
- The estimated savings are based on operating hours given by customer and electricity bill provided.
- Should the actual design differ from the information supplied then a revised variation quote will be submitted to you.
- Our labour rates are based on normal working hours. Should you require work to be done after hours, labour will be charged at ruling overtime rates and a new quote will be supplied.
- It is the sole responsibility of the business owner to ensure that all equipment and furniture is moved so as to allow unhindered access to all required areas to complete the installation. Ellies and its representatives are fully indemnified against all responsibility arising from any damage in this regard.
- Ellies warrants, subject to our normal condition of sale which are available on request, the equipment and services
- E. and O.E.
- The installation carries a warranty for a period of twelve (12) months from the date of installation
- Lighting products carry a 3 year warranty from the date of installation..
- Should payment not be made on due date, Ellies reserves the right to remove all equipment installed and claim such damages from the client.
- Interest at 2% per month will be levied on all overdue accounts.

Additional terms and conditions if the project is paid as a full maintenance rental contract

- Ellies will endeavour to investigate and replace where necessary any Ellies installed products indicated in this quote that may fail during the duration of the contract term, within 72 hours of the fault being reported subject to any circumstances beyond our control that may prevent service delivery within the stipulated time frame. Callout operating hours Monday to Friday 08:00 - 17:00 excluding public holidays
- Additional terms and conditions are stipulated in the rental contract which must be signed in addition to this quote acceptance document.
- Contracts are subject to a 20% Deposit to be paid upfront

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Job Card

Ship To:

Company: None
Address: ellies green building
Contact: Shaun Test
Cellphone: 0833956089

Date:

This project entails the supply of 5 efficient lighting technologies to retrofit or replace 5 inefficient lighting sources found at the premises of . Work to be completed per specified location is described below.

Item Code	Description	Quantity	Unit Cost	Extended Cost
CTFL9INTW	9W Downlight tiles WW	5	391.00	1
FLGA60WB22	7W A60 WW B22	4	141.56	566.24
FLGA60CE27	7W A60 CW E27	5	141.56	707.80
FLSLS6C	6W Slim Square Downlight CW	3	177.26	531.78
CTFL5INTDL	5W Downlight tiles DL	1	321.00	321.00
Labour		1	876.75	876.75
Travel(Charged at R0.67 per km)		352	-	5.88
Crush		-	-	150.30
Materials		-	-	0.00

Code	Supplied	Used
CTFL9INTW	N/A	N/A
FLGA60WB22	N/A	N/A
FLGA60CE27	N/A	N/A
FLSLS6C	N/A	N/A
CTFL5INTDL	N/A	N/A

Total Value excluding VAT	5,114.75
VAT Calculated at 14%	716.07
Total Value Including VAT	5,830.82

Project signed off on:

For Customer Shaun Test:

For Installer:

Stock used and returned to be indicated above.
At least 5 pictures to be taken on site.
Customer and Installer to sign completed Job Card.