



**SPECIFICATION
FOR THE
SUPPLYING, INSTALLATION, COMMISSION AND TESTING OF LIGHTNING SYSTEM INCLUDING
SMALL POWER FITTINGS
AT
VREDENBURG CAMPUS**

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Supplying, Installation, commission and testing of lighting systems including small power fittings at Vredenburg Campus

1. SCOPE OF WORK

- Replace the light fittings at the Attic (store) room with 7W LED lighting fitting for easy replacement of lights.
- Check the day and night switch/sensors on all the spot lights and replace if, outdoor sense must be minimum door IP ratings for dust and water
- Supply and install new wall mounted 200W, 230/240V, 50Hz spot lights at various buildings which will demonstrated during a site meeting
- Supply and install new 200W, 230/240V, 50Hz spot lights with 1.5m pole and brackets
- Replace the lights at Admin store with 11W, 230/240V,50Hz Led Lights
- Replace and reroute the light switch at the farms office
- Replace and repair with a 3 pin double white SSO in the Admin Kitchen
- Replace the light switch at the Weeds passage
- PVC conduits must be surface mounted in ceiling voids and fixed to walls or cast-in or built into walls, including all fixing materials, bends, terminators, draw boxes etc.
- All installations must include fittings and accessories complete with all necessary screws, cover plates, labelling, cradles, including all holes, drilling etc. to make this a **fully operational installation** and compile electrical regulation and SANS 10142
- 12 months warranty, this shall include travelling & labour cost including COC

2. BILLS OF QUANTITIES

Item Description	Unit	Quantity	Rate	Total
Replace the light fittings at the Attic (Store) Room with 7W, 230/240V, 50Hz LED lighting	sum	7		
Check the day and night switch on the spot lights and replace if Outdoor sense must minimum door IP ratings for dust and water	sum	8		
Supply and install new wall mounted 200W, 230/240V, 50Hz spot lights at various buildings	sum	5		
Supply and install new 200W, 230/240V, 50Hz spot lights with 1,5 meter pole and brackets	sum	1		
Replace the lights at Admin store with 11W, 230/240V, 50Hz Led Lights	sum	2		
Replace and reroute the light switch at the farms office	sum	1		
Replace the light switch at the Weeds passage	sum	1		
Replace and repair with a 3 pin double white SSO in the Admin Kitchen	sum	1		
Provision for any other material or cost Travelling and labour costs including COC	sum	1		
12 months Warranty	sum	1		
			Sub-total	
			VAT @ 15%	
			Total	

3. GENERAL

- All measurements can be confirmed during the site meeting
- Please report to the reception for access before you can commence any work on the campus.
- Only qualified technicians/Skilled workers will be allowed to install the small power fittings and light systems installations
- All electrical work must be done according to the Standard Specification for Electrical Installation.
- ARC will supply no tools or workmanship.
- Any damages caused to the building during these repairs/installations must be repaired.
- The site must be left clean and tidy after completion of the project.
- All work must be done during office hours from 08h00 – 15h30 (unless by pre arrangement with the facility manager at telephone number 021 887 5090 during office hours.)