

Annexure A

Programme of Work

No.	Activity / Work Package	Description	Duration	Indicative Sequence
1	Project Mobilisation & Site Establishment	Site handover, induction, OHS requirements, access permits, programme confirmation, material planning and coordination with ACSA.	3 days	Week 1
2	Site Survey & Circuit Analysis	Inspect each of the 20 warehouses, trace existing circuits and cables, identify DBs, switches, lighting points and existing fittings.	10 working days	Weeks 1–2
3	Lighting Design & Lux Assessment	Develop lighting layouts, calculations and lighting simulations based on site conditions and project specifications.	5 working days	Week 2–3
4	Shop Drawings Submission to ACSA	Prepare and submit shop drawings, lighting layouts, schedules and lighting simulations for ACSA review and approval.	5 working days	Week 3
5	ACSA Review & Approval	Address comments, revise drawings where necessary and obtain formal approval before procurement/installation.	5–10 working days	Weeks 3–4
6	Procurement of Materials	Procure LED fittings, switches, cables, accessories, signage and associated electrical materials in accordance with approved specifications.	15 working days	Weeks 3–5
7	Material Inspection & Delivery	Receive, inspect and verify materials against approved specifications and quantities before installation.	2 days	Week 5
8	Warehouse-by-Warehouse Preparation	Isolate circuits, establish work areas, protect existing infrastructure and implement OHS controls before removal works.	1 day/warehouse	Weeks 5–6
9	Removal of Existing Lighting	Uninstall existing fluorescent, halogen and old LED fittings, switches and associated redundant cabling where applicable.	2 days/warehouse	Weeks 5–9
10	Environmentally Compliant Disposal	Segregate, transport and dispose of redundant lighting equipment in accordance with applicable environmental legislation and NEMA requirements.	Ongoing	Weeks 5–9
11	Installation of New LED Lighting	Install LED fittings, switches, cables and accessories in accordance with approved drawings, specifications and applicable SANS requirements.	3 days/warehouse	Weeks 6–11
12	Installation of OHS Signage	Install required electrical, warning, identification and safety signage in accordance with the OHS Act and project requirements.	1 day/warehouse	Weeks 8–11

No.	Activity / Work Package	Description	Duration	Indicative Sequence
13	Testing & Commissioning	Test circuits, switches, cables, fittings, protection devices and overall operation of each completed warehouse.	1 day/warehouse	Weeks 8–12
14	Night-Time Lighting Survey	Conduct night-time lux-level measurements with the ACSA engineer and verify compliance with specified lighting levels.	1 day/warehouse	Weeks 9–13
15	Defect Rectification	Correct any installation, operational or lux-level deficiencies identified during testing and inspections.	5 working days	Weeks 13–14
16	Certificates of Compliance (COCs)	Complete electrical testing and issue COCs for the completed installations.	3 working days	Week 14
17	As-Built Documentation	Update drawings to reflect the final installation, including cable routes, DB schedules, lighting layouts and equipment schedules.	5 working days	Week 14–15
18	Handover & Close-Out	Submit O&M information, warranties, test results, disposal records, COCs, as-built drawings and final handover documentation to ACSA.		