

BILL ITEM No.	ITEM DESCRIPTIONS	UNIT	QTY.	UNIT RATES	AMOUNT-KSHS.
	STREET LIGHTING				
1.1	Lighting points wired in 3x 6.0 sq.mm PVC/SWA/PVC insulated single core copper cable drawn in 20mm dia.PVC Heavy gauge conduit Burried in ground for one way switching.	LM			-
1.2	Supply & Install the following lighting fixtures complete with the control switchgears and lamp as per description and symbols:				
	a) 1000mm post lantern with gloss black finish and 60W BC candle as micromark MM1813 or equal and approved.	No.			-
	b) Standard street lighting column manufactured in galvanized steel pipe raising 5000mm above ground level ,complete with arm for lighting fittings above.	No.			-
1.3	Excavate holes to take the columns in item No.1.2 above ,average depth 1000mm,install column ,pour concrete around the column ,back fill soil and compact to natural ground level.	No.			-
1.4	A photocell unit to fit 70-75 Lux switch as Thorn Q.P.K and wired to energise the contactor	No.			-
1.5	30A SPN contactor as Telemecanique	No.			-
1.6	30A 30mA E.L.C.B as SIEMENS	No.			-
1.7	30A SPN manual by-pass switch across the contactor above complete with a mounting box .	No.			-
1.8	2 core 2.5sqmm PVC/SWA/PVC cable for automatic photoelectric cell control complete with cable lugs and glands.	LM			-
1.9	Earthing terminations comprising the following: (i) 15mm diameter, 1200mm long solid copper earth rod as Furse Cat. No. RC 020, complete with driving stud and spike. (ii) Concrete inspection earth pit Cat. No. PT 005 with 5-hole earth bar as Furse Cat. No. PT 006.	No. No.			- -
1.6	Metal clad weatherproof IP64 Control Pillar, ground mounted on 150mm high concrete plinth and complete with the following, with space for 1 No. SP KPLC, 1 No. 6 ways consumer unit meter, 2 No. E.L.C.B, 2 No. Manual by pass switch and 2 No. 30A SP contactors for street lighting. Type PT	No.			-
1.7	50A DP MCCB as MEM or approved equivalent to fitted in the control pillar CP	No.			-
1.8	6-Way 100ADP Consumer Unit fitted in the control pillar CP	No.			-
1.9	3 X 10sq.mm PVC/SWA/PVC cable single core PVC insulated copper cable buried in ground PVC conduit from meterboard to CU in Control Pillar.	LM.			-
	FLOOD LIGHT INSTALLATIONS				
2.1	Lighting points wired in 3x 2.5 sq.mm PVC/SWA/PVC insulated single core copper cable drawn in 20mm dia.PVC Heavy gauge conduit Burried in ground for one way switching.	LM			-
2.2	Supply and install complete 100W LED Flood light.	No.			-
2.3	Supply and Install 3-metre floodlight pole complete with brackets.	No.			-
2.4	Allow for the necessary excavation of soft earth, backfilling and compaction to natural ground floor	LM			-
2.5	Allow for the necessary MCBs in the existing distribution board.	No.			-
2.6	Allow for layoing of 'hatari' tiles over the cable.	LM			-
2.7	Allow for testing and commissioning.	No.			-
	Total Amount				-