

**BUTTERWORTH HOSPITAL
STREET LIGHTS INSTALLATION**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 1</u>			
	<u>INSTALLATION OF STREETLIGHT POLES</u>			
	Tenderer to submit the manufacturer's technical data sheet for the proposed streetlight pole.			
	<u>Delivery of 8m Streetlight Poles to Site</u>			
	<u>Allow for design, manufacture, supply, and delivery of galvanized steel streetlight poles to the storage site as specified, complete with spigots, luminaire carriage, etc (excluding the luminaires)</u>			
1	Supply of 8m streetlight Poles with a 7m mounting height	No 8		
2	Allow for Loading and Offloading of Pole Material / Site		SUM	
3	Allow for the installation of 8m street lighting poles	No 8		
4	Supply of 14m streetlight Poles with a 12m mounting height including mounting brackets for four (4) floodlights	No 4		
5	Allow for Loading and Offloading of Pole Material / Site		SUM	
6	Allow for the installation of 14m mast lighting poles	No 4		
	<u>Excavations</u>			
7	Excavate 1m Holes for placing the Streetlight Poles. The 8m Pole must be installed in the Hole at a Depth of 1m. The Diameter of the Hole must be twice the diameter of the Pole	No 8		
8	Excavate 2m Holes for placing the Streetlight Poles. The 8m Pole must be installed in the Hole at a Depth of 2m. The Diameter of the Hole must be twice the diameter of the Pole	No 4		
	Carried Forward		R	
	Bill No. 2 Street Light Poles Prepared by TRIVIRON			

**BUTTERWORTH HOSPITAL
STREET LIGHTS INSTALLATION**

	Brought Forward			R
9	Trenching for supply cables from the kiosk to the street lights	m	741	
	<u>Sleeves</u>			
10	Supply Kabelflex 110mmØ sleeves c/w bends etc for road crossing	m	24	
11	Allow for installation of Kabelflex 110mmØ sleeves c/w bends etc including road crossing	m	24	
	<u>Cabling</u>			
12	Supply and install 6mm ² x 4 core PVCPVCSWAPVC cable including terminations	m	778	
13	Supply and install a 4mm ² x 4 bare copper earth including terminations	m	778	
	<u>Earthing and Lightning Protection</u>			
14	Supply and install all earthing materials per Streetlight Pole	No	12	
	<u>Accessories</u>			
15	Supply 60A three (3) phase contactor	No	6	
16	Allow for installation of 60A three (3) phase contactor	No	6	
17	Supply 10A single (1) pole circuit breaker for each street light	No	12	
18	Allow for installation of 10A single (1) pole circuit breaker for each street light	No	23	
19	Supply 1.5mm ² cabtrye cable	m	100	
20	Allow for installation of 1.5mm ² cabtrye cable	m	100	
	Carried to Summary			R
	Bill No. 2 Street Light Poles Prepared by TRIVIRON			

**BUTTERWORTH HOSPITAL
STREET LIGHTS INSTALLATION**

Bill No	<u>FINAL SUMMARY</u>	Page No	Amount
1	Preliminaries	1	
2	Street Light Poles	3	
3	Street Lights	4	
	TOTAL OF WORKS :		R
	<u>CONTINGENCIES</u>		
	Allow a 10% of total of works as provision for contingencies to be used at the Employer's discretion.		
		%	
	TOTAL CONSTRUCTION COSTS (Excluding VAT)		R
	VAT at the rate of 15%		R
	Carried to Form of Tender		R
	Prepared by TRIVIRON		