

**CONSTRUCTION OF 25 STREET LIGHTS - UMZIMVUBU LM**

**SCHEDULE OF QUANTITIES**

	ACTIVITY DESCRIPTION	UNIT	TENDER QTY	MATERIAL		LABOUR		GRAND TOTAL
				RATE	TOTAL	RATE	TOTAL	
<b>1.0</b>	<b><u>PRELIMINARY AND GENERAL</u></b>							
1.1	Site Establishment	Sum	1					
1.2	Office Overheads	Sum						
1.3	Insurance	Sum	1					
1.4	Guarantees	Sum	1					
1.5	Transport	Sum	1					
1.6	Project board	Sum						
1.7	Other, specify:- Health and Safety	Sum	1					
<b>1.8</b>	<b>(Specify fixed or variable)</b>							
1.8.1	Supervision	Sum	1					
1.8.2	Project Admin	Sum	1					
1.8.3	Security	Sum	1					
1.8.4	Compliance with OHS Act (Safety)	Sum	1					
<b>TOTAL CARRIED FORWARD TO "SUMMARY BILL OF QUANTITIES"</b>								
<b>2.0</b>	<b><u>EXCAVATIONS AND BACKFILLING</u></b>							
	<i>Rates to make provision for normal ground condition excavating and backfilling in compacted layers (extra over will be allowed for intermediate and hard rock)</i>							
2.1	Class 1 - standard rate - hard hand pickable soil	No	8					
2.2	Class 2 - extra over - ground with boulders	No	5					
2.3	Class 3 - extra over - rock (compressor work)	No	5					
2.4	1,2 metre depth for steel pole: "Length 9,2m"	No	25					
2.5	Removal of unwanted soil	m³						
2.6	Supply of cement, water and mix into excavated materials for	m³	3					
2.7	Pegging	No	25					
2.8	Breaking and reinstating tar	meter						
	<b><u>IMPORTED FILL</u></b>							
	<b><u>Supply and install</u></b>							
2.1	Supply of backfilling material (rocks for steel poles or selected fill)	m³	3					
<b>TOTAL CARRIED FORWARD TO "SUMMARY BILL OF QUANTITIES"</b>								
<b>3.0</b>	<b><u>STREETLIGHTING AND CONTROL</u></b>							
	<i>Read in conjunction with SoW of the document Supply and install</i>							
3.1	SOL 1 GEN II ALL-IN-ONE SOLAR STREETLIGHT WITH SENSOR, 60W, 8M MH BEKA STEEL POLE, CORRELATED COLOUR TEMPERATURE 6000K, BATTERY TYPE 54AH 12,8V, SOLAR PANEL 120W	No	25					
3.2	POLE, BURIED GRP POLES, 9,2M STEEL POLE, 8MH, 1,2M PLANTING DEPTH.	No	25					
<b>TOTAL CARRIED FORWARD TO "SUMMARY BILL OF QUANTITIES"</b>								

4.0	<b>COMMISSIONING OF INSTALLATION</b>							
4.1	Commissioning of installation together with Engineer and demonstrate operation to client.	Sum	1					
<b>TOTAL CARRIED FORWARD TO "SUMMARY BILL OF QUANTITIES"</b>								
5.0	<b>TESTING AND RECORD DRAWINGS</b>							
	<i>Read in conjunction with SoW of the document Supply</i>							
5.1	Provide testing equipment, test and provide test certificates to specification.	No	25					
	<b>Supply</b>							
5.2	Provide Record Drawings	Sum	1					
5.3	Provide O&M Manuals	Sum	3					
<b>TOTAL CARRIED FORWARD TO "SUMMARY BILL OF QUANTITIES"</b>								
6.0	<b>PROVISIONAL SUMS</b>							
	These provisional sums may be utilised in full or in part. No expenditure will be allowed without the authority of the Engineer in writing.							
6.1	Provide Work as requested by Engineer in accordance with General Conditions of Contract:-							
6.1.1	Electricians (Normal Time)	HRS	80					
6.1.2	Electricians (Time and a third)	HRS						
6.1.3	Electricians (Double Time)	HRS						
6.1.4	Labourers (Rate)	HRS	120					
6.1.5	Labourers (Time and a third)	HRS						
6.1.6	Labourers (Double Time)	HRS						
6.1.7	Material (Proven Cost)	SUM						
6.1.8	Percentage mark-up	%						
6.2	TRAINING OF THE LOCAL COMMUNITY	Sum	1					
<b>TOTAL CARRIED FORWARD TO "SUMMARY BILL OF QUANTITIES"</b>								
7.0	<b>DISMANTLING OF EXISTING STREET LIGHTS</b>							
7.1	Miscellaneous wood poles (9m to 13m) including dismantling of crossarms of street ligts, insulators and hardware	No	15					
7.2	LV Recovering of ABC conductor ( ABC 35mm 520m)	m	520					
<b>TOTAL CARRIED FORWARD TO "SUMMARY BILL OF QUANTITIES"</b>								

CONSTRUCTION OF STREET LIGHTS - MOUNT FRERE TOWN				
SUMMARY SCHEDULE OF QUANTITIES				
ITEM	ACTIVITY	TENDER: MATERIAL TOTAL	TENDER: LABOUR TOTAL	GRAND TOTAL
1.0	Preliminary and General			
2.0	Excavations and Backfilling			
3.0	Street lighting and Control			
4.0	Commissioning of Installation			
5.0	Testing and Record of Drawings			
6.0	Provisional Sums			
7.0	Dismantling of Existing Street Lights			
TOTAL (Excl. VAT)				
ADD 15% VAT				
TOTAL (Incl. VAT)				