

tg 28/1/23

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	PROPOSED MAMBOLEO YARD & SUBSTATION PERIMETER WALL				
	<u>SUBSTRUCTURES-(PROVISIONAL)</u>				
	<u>Site clearance</u>				
A	Heavy bush clearing the site off grass, shrubs and all vegetation and the like; cart away as directed; to approved site.	1,200	SM		
B	Carefully remove existing chainlink fencing with and including concrete/wooden fencing posts and barbed wire strands overall approximately 2100mm high & cart away	785	LM		
	<u>Excavations</u>				
E	Excavate oversite to remove top vegetable soil average 150mm deep and cart away.	471	SM		
F	Excavate for foundation strip footing in hard murrum commencing stripped level but not exceeding 1.50m deep.	565	CM		
G	commencing stripped level but not exceeding 1.50m deep.	268	CM		
H	Return fill and ram selected excavated material around foundations.	221	CM		
I	Load, wheel and cart away from site surplus excavated material and deposit in approved dumping	612	CM		
J	Extra over all kinds of excavation for excavating in rock irrespective of class.	50	CM		
K	Allow for keeping excavations free from all water by pumping or otherwise.		ITEM		
L	Ditto; for plunking and strutting to sides of		ITEM		
Total to Collection					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Concrete Works</u>				
	<u>50 mm plain concrete (1:4:8 - class 15/20mm)</u>				
	<u>blinding in :</u>				
A	Strip footing	248	SM		
B	Ditto column bases	446	SM		
	<u>Vibrated Reinforced Concrete class 20/20mm in;</u>				
C	Strip footing	62	CM		
D	Column bases	134	CM		
E	Columns	15	CM		
F	Ground beam	47	CM		
	<u>Sawn formwork to :</u>				
G	Sides of strip footing	207	SM		
H	Sides of column bases	446	SM		
I	Sides of sub columns	298	SM		
J	Sides of ground beams	471	SM		
	<u>Substructure Walling.</u>				
K	200 mm thick natural stone walling; roughly dressed; bedded and jointed in cement sand (1:3) mortar; reinforced with hoop iron at alternate courses	942	SM		
L	Labour and material for construction joints in 12mm thick flexel expansion and 25x25mm expansion sealer at every 15m in 400mm wide columns	36	LM		
	<u>Bituminous Damp Proof Course bedded and jointed in cement sand mortar 1:3. allow for overlaps</u>				
M	200 mm wide.	785	LM		
Total to Collection					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Weep Holes</u>				
A	Allow for creating 100mm diameter weep holes at ground level at averaging 2M centres on masonry wall and prevent ingress using fabric mesh in double offset layers; grouted in cement/sand (1:3) mortar	250	NO		
	<u>Reinforcement</u>				
	<u>High tensile square twisted bars BS 4461 as described in :</u>				
B	Assorted reinforcement	25,785	Kgs		
	<u>SUPERSTRUCTURE WALLING</u>				
	<u>Superstructure walling</u>				
C	200 mm thick approved machine cut stone walling; bedded and jointed in cement sand (1:3) mortar; reinforced with hoop iron at alternate courses	1,727	SM		
D	Labour and material for construction joints in 12mm thick flexel expansion and 25x25mm expansion sealer at every 15m in 400mm wide columns	90	LM		
E	Extra-over for pointing & keying in recessed horizontal and flush vertical joints in 2 coats black bituminous paint to recessed joints	1,727	SM		
F	Extra-over for fair faced horizontal and vertical joints to approval	1,727	SM		
	<u>Vibrated reinforced insitu concrete class 20/(20mm) as described in:-</u>				
G	Columns	84	CM		
Total to Collection					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Reinforcement (Provisional)				
	<u>Supply and fix bars Reinforcement including bending ,hooks,tying wire,cutting spacersand supporting all in position as deccribed</u>				
A	Assorted diameters	8,370	Kgs		
	<u>Sawn formwork to:</u>				
B	Sides of column	893	SM		
	Finishes				
	Insitu finishes				
	<u>Render: 15mm thick, 1 No. coatwork of cement and sand (1:3); wood floated to concrete or blockwork base generally to: -</u>				
C	Beams and columns	917	SM		
	Painting and decorations				
	<u>Prepare and apply one undercoat and three coats of first quality silk vinyl exterior paint to "Crown Solo" or any other equal and approved; to:-</u>				
D	Plastered surfaces	917	SM		
Total to Collection					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Provide and joint in cement :sand (1:3) 300 mm wide precast concrete coping weathered to double fall and throated on two sides coping to wall	692	LM		
B	<p><u>Razor wire</u></p> Supply and fix razor wire along perimeter wall and/or as directed on site in two layers conforming to the following minimum specifications:- Coil size 450mm diameter, blade profile- ripper razor wire, stretch factor - max. 10m per coil and secured with and including 40x40x2mm thick x 450mm long angle iron welded on 100x100x3mm steel plates inserts at 1m cc (galvanized) all to manufacturers instructions	785	LM		
C	<p>400x400x62.5mm thick (average) 4 times-weathered 4 times-throated pre-cast concrete coping bedded and jointed in and cement/sand (1:3) mortar</p> <p>Fabricate and fix double-leaf gate overall size 6000x2400mm high in mild steel SHS framing size 40x40x3mm thick and G12 M.S. plate raised panel infills; hung at three points both sides in metal lugs built into concrete columns including padbolts, towerbolts and means of securing as necessary and apply 2 coats red-lead oxide primer before fixing and 3 coats of gloss oil paint first quality to the client's approval</p>	310	NO		
<i>Total to Collection</i>					

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ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>Collection Page</u> Brought forward from page PW/1 Brought forward from page PW/2 Brought forward from page PW/3 Brought forward from page PW/4 Brought forward from page PW/5				
	Total to Grand Summary				

by 28/11/23

PROPOSED MAMBOLEO YARD & SUBSTATION PERIMETER WALL

GRAND SUMMARY

BILL NO.	DESCRIPTION	Page No.	CONTRACTOR'S USE		OFFICIAL USE	
			K.SHS.	CTS	K.SHS.	CTS
1	Preliminaries	P/15				
2	Perimeter Wall	PW / 6				
	SUBTOTAL					
	ADD 16 % VAT					
	GRAND TOTAL ESTIMATE INCL. V.A.T	K.SHS.				

