	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
	BILL NO. 3: GUARD HOUSE AND STORES OFFICE ELEMENT NO 1.:						
A	Excavate for column pits; depth n.e 1.5m; from reduced level	22	Cm		,		
В	Excavate for trench; depth n.e 1.5m; from reduced level	40	Cm				
C	Site dewatering	1	Item				
D	Planking and strutting	1	Item				
Е	Load and cart away surplus soil from site	29	Cm				
F	Return, fill and ram selected excavated material around foundations.	33	Cm				
G	50mm quarry chips or murram dust blinding	114	Sm				
Н	Chemical anti- termite treatment as "Gladiator TC" or other equal and approved termicide sprayed over surfaces of hardcore bed and walls.	114	Sm				
J	1000 gauge Damp Proof Membrane polythene sheet over blinded hardcore laid under floor slab	114	Sm				
K	CONCRETE WORK 50 mm thick concrete blinding class 15/20; to column bases	15	Sm				
	Carried to collection						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD							
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS			
A	Ditto; to strip footing	33	Sm					
В	Vibrated reinforced concrete class 25/20; to column bases	5	Cm					
С	Ditto; to strip footing	7	Cm					
D	Ditto; to columns	1	Cm					
Е	Ditto; to 150mm thick floor slab	114	Sm					
F	FORMWORK Sawn cypress formwork; to column bases	24	Sm					
G	Ditto; to columns	16	Sm					
Н	Ditto; to strip footing; girth exc. 150mm but n.e 225mm	176	Lm					
J	Ditto; to edges of 150mm floor slab; girth exc. 75mm but n.e 150mm	61	Lm					
K	REINFORCEMENT BRC Mesh Ref. A142 ;weighing 2.22 kg/m2	114	Sm					
L	Mild steel bar reinforcement to BS 4449 (Provisional) 8mm Diameter bars	127	Kg					
M	High yield square twisted bar reinforcement to BS 4461 (Provisional) 10mm Ditto Natural quarry stone machine dressed walling in cement and sand, mortar (1:4) with 26 gauge hoop iron in every alternate	266	Kg					
N	course (price for the material available in the region) 200mm thick masonry strip walling	73	Sm					
Ο	PLINTHS Plinths rendered of cement and sand mix(1:3)	18	Sm					
P	Prepare and apply 3 coats black bituminous paint	18	Sm					
	Carried to collection							



PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM DESCRIPTION	QTY	UNIT	RATE	K.SHS		
<u>Collection</u>						
Brought forward from 3/1						
Brought forward from 3/2		,				
		The state of the s				
ELEMENT NO.1. TOTAL FOR SUBSTRUCTURES CARRIED TO SECTION SUMMARY						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
	ELEMENT NO. 2 : REINFORCED CONCRETE SUPERSTRUCTURE						
A	Vibrated reinforced concrete class 25/20; to columns	2	Cm				
В	Ditto; to ground beam and ring beam	8	Cm				
С	FORMWORK Sawn cypress formwork; to sides columns	32	Sm				
D	Ditto; to sides of ground beam and ring beam	80	Sm				
Е	Ditto; to soffits of ring beam	13	Sm				
ERRENCH FOR SCHOOL FOR	REINFORCEMENT  Mild steel bar reinforcement to BS 4449 (Provisional)						
F	8mm Diameter bars	315	Kg				
G	High yield square twisted bar reinforcement to BS 4461 (Provisional) 10mm Ditto	645	Kg				
	ELEMENT NO.2. TOTAL FOR RC SUPERSTRUCTURE CARRIED TO SECTION SUMMARY						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
	ELEMENT NO. 3:						
	WALLING						
	Natural quarry stone machine dressed walling in cement and						
	sand, mortar (1:4) with 26 gauge hoop iron in every alternate						
	course (price for the material available in the region)				,		
A	200mm thick masonry walling	103	Sm				
В	200 mm wide Damp proof course	70	Lm				
Α	150mm thick masonry walling	65	Sm				
			_				
В	150 mm wide Damp proof course	28	Lm				
	ELEMENT NO.3. TOTAL FOR WALLING CARRIED TO						
	SECTION SUMMARY						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STO	ORES OF	FICE F	OR TAVETA	YARD
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	ELEMENT NO. 4:  ROOFING  Roof structure (Provisional)  The Following in assorted sawn celcured timber trusses and common rafters, tie beams, struts and ties: hoisting and fixing at 2700 mm above ground level; with and including all nails,		·		
	bolts, plates, welds, etc and all connections as detailed to				
,	(provisional)	1	T.		
A	Trusses to roof	1	Item		
В	50 x 100mm ridge members	17	Lm		
С	50 x 100mm hip members	25	Lm		
D	50 x 100mm valley members	5	Lm		
E	Wall Plate 50 x 100mm Wall plate : fixed with and including 12mm diameter mild steel ragbolt 150mm long at 900mm centres : cast in ring beams	70	Lm		
F	Wrot cypress: 1st grade: selected and kept clean 15mm Thick x 100mm wide tongued and grooved eaves boarding	43	Sm		
G	25 x 250mm Fascia board	71	Lm		
Н	Roof covering Supply and fix prepainted gauge galvanised corrugated iron roofing sheets as per approved roofing sheets including timber battens/ purlins: hang and bolted nailed twice onto timber purlins; to main roof level; as described to:  Coverings to 22.5 degrees prepainted GI box profile nailed on timber purlins: nailed on every third course	165	Sm		
J	Roofing accessories to match roofing sheets as described to: Standard ridge cover	17	Lm		
K	Standard hip cover	25	Lm		
L	Sheet metal flashing: 18 gauge galvanised mild steel Valley gutter lining 475mm girth: six labours: fixed to timber battens	5	Lm		
	Carried to collection				
(2):		(2-2-2-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			JJ



PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD					
ITEM DESCRIPTION	QTY	UNIT	RATE	K.SHS	
<u>Collection</u>					
Brought forward from 3/6					
Brought forward from 3/7		T T T T T T T T T T T T T T T T T T T			
	Table 1				
	S. Control of the Con				
ELENTENTAL A TOTAL FOR ROOFING CARRYTO TO					
ELEMENT NO.4. TOTAL FOR ROOFING CARRIED TO SECTION SUMMARY					



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
	ELEMENT NO. 5:  DOORS  STEEL DOORS  Purpose made standard section steel casement doors: supplied with handles, two lever mortice lock and hinges: 4mm clear sheet glass: fixed with lugs built into concrete or stone walls: pointed externally in mastic: one shop coat primer						
A	Panel door double leaf size 1600 x 2400mm high: with panels each size 300 x 300mm; and a 900 x 900mm high bottom panel welded over with 3mm flat one face: and 1 no fixed top fanlight 300mm high.	1	No				
В	Prepare touch up primer and apply two undercoats and one finishing coat Aluminium gloss paint : on metal General surfaces : glazed panel doors : (both sides measured flat overall)	8	Sm				
	TIMBER DOORS Wrot hardwood purpose made framed frames and framings						
С	150 x 50 mm; 4 No. labours; plugged door frame	57	Lm				
D	50 x 25mm architraves with 4 No. labours	57	Lm				
Е	20 x 20mm quadrants with 3 No. labours	57	Lm				
	Wrot hardwood timber: Semi-solid core flush door to details: all to approval						
F	50mm Door overall size 900 x 2000mm	10	No				
G	50mm Door overall size 1200 x 2000mm	1	No				
Н	Prepare and prime before fixing: on woodwork Frames; over 100 but not exceeding 200mm girth	57	Lm				
	Carried to collection						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STO	ORES OF	FICE F	OR TAVETA	YARD
ITEM	DESCRIPTION		UNIT	RATE	K.SHS
A	Prepare and apply three coats polyurethane clear varnish: on wood work  General surfaces: doors	43	Sm		
В	Frames: over 100 but not exceeding 200mm girth	57	Lm		
C	Iron mongery Supply and fix the following to UNION catalogue or other equal and approved To softwood, hardwood or the like fixing with screws Two lever mortice lock complete with set lever Brass handle furniture	12	No		
D	100mm steel butt hinges	42	No		
E	"Briton" 2003 overhead door closer or equival and approved	5	No		
	Carried to collection				
	Carried to conceiton				
	<u>Collection</u>				
	Brought forward from 3/8				
	Brought forward from 3/9				
			:		
			-		
	ELEMENT NO.5 : TOTAL FOR DOORS CARRIED TO SECTION SUMMARY				



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
A	ELEMENT NO. 6: WINDOWS  Aluminium casement windows  Supply, assemble and fix the following purpose-made natural aluminium casement windows; sealed with rubber film to make it airtight;  Window; Overall size 3000mm x 1500mm high glazed with 4mm one way tinted and toughened clear sheet glass; with three equal partitions; One permanent partition at the center and two sliding partitions on both sides; each size 1000mm;	4	No				
В	Ditto; Overall size 600mm x 900mm high glazed with 4mm toughened obscure sheet glass; with two equal sliding partitions size 450mm;  Ditto; Overall size 1000mm x 900mm high glazed with 4mm	8	No				
С	one way tinted and toughened clear sheet glass; with two equal sliding partitions size 500mm;	4	No				
	ELEMENT NO.6: TOTAL FOR WINDOWS CARRIED TO SECTION SUMMARY						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STO	RES OF	FICE F	OR TAVETA	YARD
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
A	ELEMENT NO. 7: FINISHES FLOOR FINISHES Cement and sand (1:4) trowelled beds: on concrete: to 32mm Floors: finished to receive granito tile flooring	101	Sm		
	Coloured Non-slip granito 'Mosaic' floor tiles size 400 x 400 x 8mm as approved by the Architect: bedded on cement and sand screeds (measured separately): jointed and grouted in matching colour cement mortar				·
В	Floors	101	Sm		
C	100mm skirtings ditto	88	Lm		
D	EXTERNAL WALL FINISHES  15mm Cement and sand (1:4) render: wood float finish: on concrete or stonework: to External walls and columns	130	Sm		
E	Prepare and apply one undercoat and two finishing coats 1st grade exterior quality marine paint: to External walls and columns	130	Sm		
F	INTERNAL WALL FINISHES  12mm Lime plaster: steel trowelled finish: on concrete blockwork or stonework: to Walls and columns	246	Sm		
G	Prepare and apply one undercoat and two finishing coats oilbased paint full emulsion to Crown Solo or other equal and approved to: - On internal walls and columns	246	Sm		
	Wall glazed ceramic wall tiles size 250 x 330 x 6mm as approved by the Architect: on and including cement and sand backing; fixed with approved quality adhesive: grouted, jointed and pointed in matching colour cement mortar: on				
Н	Walls; in washrooms	46	Sm		
	Carried to collection				



	PROPOSED CIVIL WORKS, GUARDHOUSE & STO	ORES OF	FICE F	OR TAVETA	YARD
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
A	CEILING FINISHES Chipboard ceiling lining 13mm Chipboard ceiling lining: fixed to and including 50 x 50mm sawn cypress brandering (ms): with and including chamfered joints	101	Sm		,
В	Extra over for forming 600 x 600mm access door trap; 25 x 100mm wrot cypress frame and 20 x 50mm wrot cypress stopper: piano hinges: door catch	3	No		
С	Sawn cypress: pressure impregnated 50 x 50mm Brandering; 1m c/c	260	Lm		
D	Ditto ; plugged	94	Lm		
E	Wrot cypress: knot free: suitable for clear varnish finish: selected and kept clean 100 x 25mm Moulded cornice	94	Lm		
F	Prepare and prime before fixing: on woodwork  Cornice: not exceeding 100mm girth	94	Lm		
G	Prepare and apply three coats 1st grade white plastic emulsion paint: to Chipboard soffits	101	Sm		
Н	Prepare and knot coated surfaces: apply two undercoats and one finishing white coat gloss paint: on woodwork  Cornice: Over 100 but not exceeding 200m girth	94	Lm		
	Carried to collection				
,	Collection  Brought forward from 3/11				
	Brought forward from 3/12				
	ELEMENT NO.7 : TOTAL FOR FINISHES CARRIED TO SECTION SUMMARY				



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD					
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS	
	ELEMENT NO. 8 : JOINNERY, FITTINGS AND FIXTURES					
А	KITCHENETTE Plinth 1:3:6 mass concrete concrete as described in 100mm thick high plinth in kitchen		Sm			
В	VRC class(20/20)mix 1:2:4 as described in 100mm thick kitchen worktops	1	Sm			
С	32mm cement sand (1:4) screed trowelled hard and smooth and finished with cement grout as described in Surface finish to surface of plinth	1	Sm			
D	Work tops  Approved granito floor tiles to regular or other approved pattern; bedding and jointing in cement sand (1:4) mortar; grouting with matching cement 600X600X10mm thick; butt joints both ways; to cement sand base (m/s); to floors level; internal  Kitchen cabinets; carcass produced from 18mm white particleboard, 3mm white backer & standard furniture fittings including installation but excluding counter tops & appliances;	1	Sm			
E	all to staisfaction of the PM.  720mm high x 600mm depth x varying length low level cabinetry complete with mahogany veneered doors, ironmongery (malpha hinges, D handles, magnetic ball catcher) and the like but excluding plinths	2	Lm			
	Carried to collection					



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
A	MDF board partition Supply and install 18mm MDF board; laminated both sides; at kitchen area; include mounting to the wall by nailing or other appropriate means; as directed on site	5	Sm				
В	Noticeboard Supply and fix 1500x1200mm soft board noticeboard complete with all aluminum framing/ beading; and approved fabric finish and two packets of thump pins per notice board	. 2	No				
	Carried to collection						
	Collection  Brought forward from 3/13  Brought forward from 3/14						
	ELEMENT NO.8: TOTAL FOR JOINNERY, FITTINGS AND FIXTURES CARRIED TO SECTION SUMMARY						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STO	ORES O	FFICE F	OR TAVETA	YARD
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	ELEMENT NO. 9 : SANITARY AND PLUMBING FITTINGS  Supply, deliver, install, test and commission the following				
	sanitary appliances complete with all the accessories including all connections to the services, waste, jointing to water supply overflows, supports and all plugging and screwing to walls and floors.				
	Note:				
	(i) All sanitary fittings shall be in approved colour.  (ii) The Model and Ref No. indicated is only a guide to the type and quality of fittings.				
	(iii) Equivalent and Approved models may be acceptable.				
A	Water closet (wc) suite Compete close coupled wash down water closet in approved colour classic low level ceramic; consisting of pan, heavy duty plastic seat and cover, ceramic cistern, flush pipe 'P' trap; complete with horizontal outlet to BS 3402 with valveless cistern fittings including syphon, 15mm bottom inlet valve, 20mm bottom overflow, bolts and connecting fitments from cistern bowl, chrome-plated lever, all as Twyfords or approved equivalent.	2	No		
В	Wash hand basin as 'Debbigh Shires 2TH' or equival and approved; large; ceramic complete with delay action chrome plated push taps, 32mm plastic bottle trap, waste out-go plug and chain; wall hung with brackets; all to approval		No		
С	Hinged support rail with toilet roll holder 770mm long manufactured in nylon coated aluminium and mounted on a wall fixing plate plate size 230x100 mm, 4No. 600mm grab rails with covered wall plates.  The set shall be as Twyfords DOC.M wheelchair accessible W.C. facility or approved equivalent.		l Set		
	Carried to collection				



PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD							
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
A	Sink pillar tap 1/4 turn; chrome plated; to kitchen sink	1	No				
В	Peglar Brass bib Tap 1/2"; to bathrooms	2	No				
С	Shower rose; 6' Chrome plated; with wall round fixed arm; complete with all accessories	2	No				
A	Toilet paper dispenser; including mounting to wall; all to PM's approval	2	No				
В	Manual soap dispenser; including mounting to wall; all to PM's approval	2	No				
С	Paper towel dispenser; including mounting to wall; all to PM's approval	4	No				
D	Mirrors 6mm thick polished plate glass silver backed mirror with bevelled edges, size 610 x 1800mm, plugged and screwed to wall with 4No. chrome plated dome capped screws. The mirror shall rest against a layer of 5mm thick foam.	2	No				
F	Urinal range Double Urinal bowl in white vitreous china complete with 14 litres automatic ceramic cistern ref CX 8611 WH, and fittings including siphon ball valve, cistern supports and drip tap in brass, chrome plated bottle trap, chrome plated flushpipe and spreader ref SS 6071SS with all connections, wall hangers/supports and divisions. To be as Twyfords 'Camden' or approved equivalent; to PM's approval and satisfaction	1	No				
D	Kitchen sink Supply and fix kitchen sink as stainless single pole single drainer sink according to Manufacturer's instructions and jointings to service, overflow, waste pipe	1	No				
	Carried to collection						



PROPOSED CIVIL WORKS, GUARDHOUSE & ST	ORES O	FFICE F	OR TAVETA	YARD
ITEM DESCRIPTION	QTY	UNIT	RATE	K.SHS
<u>Collection</u>				
Brought forward from 3/15				
Brought forward from 3/16				-
ELEMENT NO.9: TOTAL FOR SANITARY AND PLUMBING FITTINGS CARRIED TO SECTION SUMMARY				



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD					
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS	
В	ELEMENT NO. 10: BUILDERS'S WORKS  Builders work in connection with Plumbing Installations  Cut away for sanitary fittings and pipework; form all holes, chases, etc; and make good after the plumber  Allow a Provisional Sum of Ksh Forty Thousand Only (Ksh 40,000.00) for Builders work in connection with Plumbing and Drainage Installations  Builders work in connection with Electrical Installations  Cut away for electrical points, fittings and equipment: make good after the electrician: concealed type system (provisional)  Allow a Provisional Sum of Ksh Forty Thousand Only (Ksh 40,000.00) for Builders work in connection with Electrical Installations	1	Item			
	ELEMENT NO.10 : TOTAL FOR BUILDERS'S WORKS  CARRIED TO SECTION SUMMARY					



	PROPOSED CIVIL WORKS, GUARDHOUSE & STO	RDHOUSE & STORES OFFICE FOR TAVETA YARD				
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS	
	SECTION SUMMARY BILL 3 GUARD HOUSE AND STORES OFFICE			Page No.	<u>Amount</u>	
1	SUBSTRUCTURES			3/3		
2	REINFORCED CONCRETE SUPERSTRUCTURE			3/4		
3	WALLING			3/5		
4	ROOFING			3/7		
5	DOORS			3/9		
6	WINDOWS			3/10		
7	FINISHES			3/12		
8	JOINERY FITTINGS AND FIXTURES			3/14		
9	SANITARY AND PLUMBING FITTINGS			3/17		
10	BUILDER'S WORKS			3/18		
	Sub Total carried to Grand Summary					





	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFF	FICE F	OR TA	VETA YA	RD
ITEM	DESCRIPTION	OTY	UNIT	RATE	AMOUNT
	BILL NO. 4	-X	01112		TIME OF THE PROPERTY OF THE PR
	CONTAINER PLINTH AND ROOFING				
	ELEMENT 1: PLINTH				
	SUBSTRUCTURES(ALL PROVISIONAL)				
	<u>EARTHWORKS</u>				
A	Excavate for trench; depth n.e 1.5m; from reduced level	18	Cm		
B	Site dewatering	1	Item		
С	Planking and strutting	1	Item		
D	Load and cart away surplus soil from site	9	Cm		
Е	Return, fill and ram selected excavated material around foundations	8	Cm		
F	300mm thick approved imported hardcore filling spread, levelled, well compacted, rammed and consolidated in 150mm thick layers to receive concrete surface bed (m.s)	12	Cm		
G	50mm quarry chips or murram dust blinding	42	Sm		
	CONCRETE WORK				
Н	50 mm thick sand blinding class 15/20; to strip footing	20	Sm		
J	Vibrated reinforced concrete class 20/20; to strip footing	4	Cm		
K	Ditto; to 150mm thick floor slab	42	Sm		
	FORMWORK				
L	Sawn cypress formwork; to strip footing	11	Sm		
	71				
M	Ditto; to 150mm container plinth	5	Sm		
	REINFORCEMENT				
N	BRC Mesh Ref. A142 ;weighing 2.22 kg/m2	42	Sm		
1.4	2.22 Ng/112	72	Jiii		
	Mild steel bar reinforcement to BS 4449 (Provisional)				
P	8mm Diameter bars	43	Kg		
-		'	5		
	High yield square twisted bar reinforcement to BS 4461 (Provisional)				
Q	10mm Ditto	57	Kg		
	WALKE TO SEE THE SEE T				
R	WALLING 200 mm thick natural stone foundation walling bedded in c/s mortar	31	Sm		
	Carried to Collection		<b></b>		
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	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFF		·····		RD
TEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	ROOFING Roof covering Roof covering; Prepainted blue Box profile sheets; 28 gauge; laid on 150mm laps on one end and one and a half box profiles side lap; and bolting and welding to 50 x 25 x 2mm thick RHS purlins (m/s) at 1200mm	26	Sm		
В	Accessories, fixing as necessary to roof sheets  150mm dia. Half round ridge sheet		Lm		
С	Ditto; hips	9	Lm		
D	Steel roof structure  50 x 50 x 4mm thick prepainted aluminium angle lines; appropriately bolted using cleats and including drilling to make nut holes, and welding where necessary; and including joinery accessories; to be used as rafters, joists and kingposts; spanning 1000mm c/c; welded to the container; 50 x 25 x 2mm thick RHS purlins(m/s) welded to angle rafters; all to PM's specifications, approval and satisfaction  Prepainted aluminium 50 x 25 x 2mm thick RHS purlins; 14 gauge;	92	Lm		
Е	appropriately welded and bolted to the angle line rafters using four bolt cleats or other approved jointing method; and including necessary joinery accessories; spanning 1000mm c/c  Rainwater Goods; to container, stores office and guardhouse	179	Kg		
F	24G x 150mm prepainted GCI box gutters; joined appropriately to the roof with brackets spaced at 200mm c/c	80	Lm		
G	Extra over for stopped ends	14	No		
Н	Ditto for nozzle outlets	7	No		
J	140mm diameter (heavy gauge) gutter support brackets spaced at 200mm c/c	372	No		
K	24G x100 dia GCI box rain water downpipes with clips on container wall at 900mm centres	19	Lm		
L	Extra over ditto for swan neck	7	No		
M	Extra over ditto for shoe	7	No		
	Carried to Collection				



PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
TEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
A	ELEMENT 3 FINISHES Wall Finishes 12mm Lime plaster: steel trowelled finish: on concrete blockwork or stonework: to On wall surfaces	10	Sm			
	Prepare and apply three coats black bituminous paint to Crown Solo or other equal and approved to: -					
В	On wall surfaces	10	Sm			
С	Prepare and apply two coats first quality gloss paint in corporate colors; to metallic container exterior surface  Floor Finishes	85	Sm			
D	Cement and sand (1:4) trowelled beds : on concrete : to  32mm screed mixed with red oxide; to surface of slab	42	Sm			
	Carried to Collection	***************************************				



TEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	SECTION SUMMARY BILL 4 CONTAINER PLINTH AND ROOFING			Page No.	<u>Amount</u>
1	CONTAINER PLINTH			4/1	
2	ROOFING			4/2	
3	FINISHES			4/3	



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD							
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS			
	BILL NO. 5 EXTERNAL AND CIVIL WORKS ELEMENT NO.1							
A	CHAIN LINK FENCING  Excavate pit in normal soil for posts starting from ground level to a depth n.e 1.50 m deep	1	Cm					
В	Supply and erect 125 x 150mm averaging 3metres high cranked on one side precast concrete posts, fitted to receive straining wire (m/s)and mortised in mass concrete (m/s); To PM's approval	24	No					
С	Extra over ditto for 1.8m long struts every 8 metres and at the corner post supports	10	No					
D	Mass concrete in excavated holes in (1:3:6) class Q including waterproofing additives	1	Cm					
E	12.5 high tensile galvanized wire 50kg per roll	134	Lm					
F	20kg x 12.5 heavy gauge galvanized barbed wire to concrete posts or any other equal and approved	268	Lm					
G	Supply and fix heavy gauge (14) green plastic coated chain link to a height of 2400mm all to project manager's approval and satisfaction; including all necessary strainings to approved tension; to PM's approval	161	Sm					
	ELEMENT NO.1 : TOTAL FOR CHAINLINK FENCING CARRIED TO SECTION SUMMARY							



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
A	ELEMENT NO.2 PERIMETER WALL SUBSTRUCTURE EARTHWORKS Excavation for column pits; Depth n.e 1.5m	8	Cm				
В	Excavation for trench; Depth n.e 1.5m	11	Cm				
С	Load and Cart away surplus material	9	Cm				
D	Return, fill and ram excavated material	10	Cm				
Е	Site dewatering	1	Item				
F	Planking and strutting	1	Item				
G	CONCRETE WORK 50 mm thick concrete blinding class 15/20; to column bases	7	Sm				
Н	Ditto; to strip footing	10	Sm				
J	Insitu concrete: class 25/20 mm: vibrated: reinforced Column bases	2	Cm	:			
K	Strip footing	3	Cm				
L	Columns	1	Cm				
M	Mild steel bar reinforcement to BS 4449 (Provisional) 8mm Diameter bars	54	Kg				
N	High yield square twisted bar reinforcement to BS 4461 (Provisional)  12mm Ditto	189	Kg				
P	Sawn formwork: to Sides of column bases	8	m2				
Q	Sides of strip footing	9	m2				
R	Sides of columns	6	m2				
S	WALLING 200 mm thick hard natural stone walling; quary-dressed; bedded and jointed in cement sand (1:3) mortar; reinforced with hoop iron at alternate courses		Sm				
Т	200mm felt Damp Proof Course	21	Lm				
<u>L</u>	Carried to next page		<u> </u>				



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
A	Brought forward SUPERSTRUCTURE Insitu concrete: class 25/20 mm: vibrated: reinforced Columns	1	Cm				
В	Ground beam	1	Cm				
С	Mild steel bar reinforcement to BS 4449 (Provisional) 8mm Diameter bars	86	Kg				
D	High yield square twisted bar reinforcement to BS 4461 (Provisional)  12mm Ditto	160	Kg				
Е	Sawn formwork: to Sides of columns	21	Sm				
F	Sides of beam	10	Sm				
G	WALLING 200 mm thick machine dressed natural stone walling; quary-dressed; bedded and jointed in cement sand (1:3) mortar; reinforced with hoop iron at alternate courses		Sm				
Н	Precast concrete  350 x 50mm precast concrete coping; throated on both ends; to PM's approval and satisfaction	24	Lm				
J	Wall Finishes 15mm Cement and sand (1:4) render: wood float finish: on concrete or stonework: to External walls and columns	144	Sm				
K	Prepare and apply one undercoat and two finishing coats 1st grade exterior quality marine paint: to External walls and columns	144	Sm				
	ELEMENT NO.2 : TOTAL FOR PERIMETER WALLING CARRIED TO SECTION SUMMARY						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD								
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS				
A B	ELEMENT NO.3  MAIN GATE  Allow for removal of existing gate and hand over to client for reuse; Prepare the columns to receive perimeter walling to seal off the entrance  Allow for fabrication and fixing of branded double-leaf gate overall size 6000x2100mm high in RHS framing size 50x25x3mm thick and 25x25x3mm SHS filled to the level of the wall done in metal grills to match those on the perimeter wall; hung at three points both sides in the metal lugs in concrete columns and allow for a 600x1200mm high wicket gate hung at three points on the main frame and including padbolts, towerbolts and means of securing as 'necessary and apply two coats red-lead oxide primer' before fixing and two coats of gloss oil paint as "Crown Berger" to the client's approval and satisfaction; and erect it on vibrated reinforced concrete C25/20 column supports(m/s)		Item						
	ELEMENT NO.3: TOTAL FOR GATE CARRIED TO SECTION SUMMARY								



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFI	CE FO	R TAV	ETA YA	RD
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	ELEMENT NO.4  EXTERNAL CONCRETE PAVING WORKS  (ALL PROVISIONAL)  GENERAL YARD PAVING				
A	Allow for survey & levelling works including measurements before site clearance, during excavations, grading and during levelling	1	Item		
В	CIVIL WORKS  Clear site including removal of vegetation and any other unwanted materials as shall be directed on site and cart away	1955	Sm		
С	Mechanically excavate ALL loose soil oversite to reduce levels commencing at existing ground level but not exceeding 1.5 metre deep. Load and cart away the excavated spoil from site to designated County dumping sites	782	Cm		
D	Level and compact the bottom of the excavated site to receive hard core fill	1955	Sm		
Е	Return, Fill and Ram with imported red soil compacting in layers n.e 150mm thick	195	Cm		
F	Fill up excavation with handpacked approved hardcore to make up levels mechanically compacted in individual layers n.e 150mm thick	586	Cm		
G	200mm approved murram filling; mechanically compacted in individual layers n.e 100mm thick	139	Cm		
Н	125 x 250mm Precast concrete (class 20) kerb straight with one chamfered edge laid on and including 450 x 100mm plain concrete (1:3:6) foundation haunched up on one side including all necessary excavations formwork etc.	204	Lm		
J	Ditto but curved 125 x 100mm PC	18	Lm		
K	125 x 100 Precast concrete (class 20) Channels (Staight)	46	Lm		
	Carried to Collection				



PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS	
	Supply and lay heavy duty 80mm thick interlocking concrete paving blocks to client's approval and satisfaction and including 50mm sand bed; Roller vibrated to approval	1351	Sm			
В	175 x 800mm precast cut off drain (600mm wide) class 20 laid on and including palin concrete (1:3:6) foundation; haunching up; including all necessary excavations and formwork	180	Lm			
	Supply and lay 500 x 500 x 50mm thick concrete paving slabs to client's approval and satisfaction and including 50mm sand bed around the building as directed; include keying and haunching as directed by PM	71	Sm			
D	Culverts 600mm diameter twin precast concrete culvert; including excavation, fixing, filling and testing; to link up with invert drain; including concrete cover frames at both sides; to be installed at the entrance	12	Lm			
	Carried to Collection					
	<u>Collection</u>					
	Brought forward from 5/5					
	Brought forward from 5/6					
	ELEMENT NO.4: TOTAL FOR EXTERNAL CONCRETE PAVING WORKS CARRIED TO SECTION SUMMARY					



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS		
	ELEMENT NO.5 RETAINING WALL				·		
A	SUBSTRUCTURE EARTHWORKS Excavation for trench; Depth n.e 1.5m	138	Cm				
В	Load and Cart away surplus material	77	Cm				
С	Return, fill and ram excavated material	62	Cm	<u>.</u>			
D	Site dewatering	1	Item				
Е	Planking and strutting	1	Item				
F	CONCRETE WORK 50 mm thick concrete blinding class 15/20; to strip footing	132	Sm				
G	Insitu concrete : class 25/20 mm : vibrated : reinforced Strip footing	26	Cm				
Н	Mild steel bar reinforcement to BS 4449 (Provisional) 8mm Diameter bars	336	Kg				
J	High vield square twisted bar reinforcement to BS 4461 (Provisional) 12mm Ditto	586	Kg				
K	Sawn formwork: to Sides of strip footing	110	m2				
L	WALLING 200 mm thick hard natural stone walling; quary-dressed; bedded and jointed in cement sand (1:3) mortar; reinforced with hoop iron at alternate courses		Sm				
	ELEMENT NO.5 : TOTAL FOR RETAINING WALL CARRIED TO SECTION SUMMARY						



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFI	CE FC	R TAV	ETA YA	RD
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
Α	ELEMENT NO.6 EXTERNAL LIGHTING  50W LED flood light lamp overall size 206 x 145.5mm with powder coated steel plate casement with holder complete with integral control gear, wiring in 1.5mm2 twin with earth sheathed cable from the distribution board for a height up to 3 metres on the wall		No		
В	60A/30mA ELCB as MEM or approved equivalent	3	No		
С	Photo electric cell (Timer) as THORN cat No. QPK or approved equivalent	4	No		
	ELEMENT NO.5: TOTAL FOR EXTERNAL LIGHTING CARRIED TO SECTION SUMMARY				



TEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	SECTION SUMMARY				
	BILL 5 EXTERNAL AND CIVIL WORKS			Page No.	Amount
1	CHAINLINK FENCING			5/1	
2	PERIMETER WALL			5/3	
3	GATE			5/4	
4	EXTERNAL CONCRETE PAVING WORKS			5/6	
5	RETAINING WALL			5/7	
6	EXTERNAL LIGHTING			5/8	
				- Live - Control	





BILL NO. 6  25PAX CAPACITY BIO DIGESTER SUBSTRUCTURES (ALL PROVISIONAL) Construct, install, test and commission biodigester waste treatment system complete with the following items to the satisfaction of the Engineer. The system is expected to treat approximately 25 persons perday Excavation  A Excavate pit exceeding 1.50m deep starting from ground level  C Ditto 3.0 to 4.5 m deep  3 Cm  Return fill and ram approved excavated material around foundations  10 Cm  E Loud and cart away surplus excavated material  4 Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Mass concrete class 'P' in:  5 Somm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  2 200mm thick floor bed  8 Sm  Carried to Collection  Strip foundation  1 Cm  Carried to Collection	TEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
25PAX CAPACITY BIO DIGESTER SUBSTRUCTURES (ALL PROVISIONAL) Construct, install, test and commission biodigester waste treatment system complete with the following items to the satisfaction of the Engineer. The system is expected to treat approximately 25 persons per day Excavation  A Excavate pit exceeding 1.50m deep starting from ground level  C Ditto 3.0 to 4.5 m deep  D Return fill and ram approved excavated material around foundations  Load and cart away surplus excavated material around foundations  Load and cart away surplus excavated material  Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Mass concrete class 'P' in:  Mass concrete class 'P' in:  Somm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  200mm thick floor bed  8 Sm  Reinforced insitu concrete class 25/(20mm aggregates)  L 200mm thick wall  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm	I E IVI		VII	UNII	KATE	IX.SIIIS
SUBSTRUCTURES (ALL PROVISIONAL) Construct, install, test and commission biodigester waste treatment system complete with the following items to the satisfaction of the Engineer. The system is expected to treat approximately 25 persons per day Excavation  A Excavate pit exceeding 1.50m deep starting from ground level  B Excavate pit exceeding 1.50m deep but not exceeding 3.0m deep starting from reduced level  C Ditto 3.0 to 4.5 m deep  3 Cm  D Return fill and ram approved excavated material around foundations  E Load and cart away surplus excavated material 36 Cm  F Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Item  Mass concrete class 'P' in:  Somm thick blinding under foundations  8 Sm  Reinforced insitu concrete class 25/(20mm aggregates)  J 200mm thick mall  24 Sm  L 200mm thick wall  10 Sm  M Strip foundation  1 Cm						
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day Excavation   Excavate pit exceeding 1.50m deep starting from ground level 4 Cm   B Excavate pit exceeding 1.50m deep but not exceeding 3.0m deep starting from reduced level 4 Cm   C Ditto 3.0 to 4.5 m deep 3 Cm   D Return fill and ram approved excavated material around foundations 10 Cm   E Load and cart away surplus excavated material 36 Cm   F Allow for keeping the whole excavation free from all water including spring and running water Item   G Allow for plunking and strutting the whole excavation Item   Mass concrete class 'P' in: 50mm thick blinding under foundations 8 Sm   J 200mm thick floor bed 8 Sm   K 200mm thick floor bed 24 Sm   L 200mm thick suspended slab 10 Sm   M Strip foundation 1 Cm						
Excavation Excavate pit exceeding 1.50m deep starting from ground level  Excavate pit exceeding 1.50m deep but not exceeding 3.0m deep starting from reduced level  C Ditto 3.0 to 4.5 m deep  Return fill and ram approved excavated material around foundations  10 Cm  E Load and cart away surplus excavated material  36 Cm  Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Hem  Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  Z00mm thick floor bed  8 Sm  C 200mm thick wall  L 200mm thick suspended slab  10 Sm  M Strip foundation		Engineer. The system is expected to treat approximately 25 persons per				
Excavate pit exceeding 1.50m deep starting from ground level  Excavate pit exceeding 1.50m deep but not exceeding 3.0m deep starting from reduced level  C Ditto 3.0 to 4.5 m deep  Return fill and ram approved excavated material around foundations  Load and cart away surplus excavated material  Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Hem  Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  Z00mm thick floor bed  8 Sm  C 200mm thick wall  L 200mm thick suspended slab  10 Sm  Strip foundation						
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from reduced level  C Ditto 3.0 to 4.5 m deep  Return fill and ram approved excavated material around foundations  10 Cm  E Load and cart away surplus excavated material  Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Item  Mass concrete class 'P' in:  50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  J 200mm thick floor bed  8 Sm  K 200mm thick wall  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm	A	Excavate pit exceeding 1.50m deep starting from ground level	4	Cm		
From reduced level  C Ditto 3.0 to 4.5 m deep  Return fill and ram approved excavated material around foundations  10 Cm  E Load and cart away surplus excavated material  Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Item  Mass concrete class 'P' in:  50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  J 200mm thick floor bed  8 Sm  K 200mm thick wall  24 Sm  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm	В		4	Cm		
D Return fill and ram approved excavated material around foundations  E Load and cart away surplus excavated material  36 Cm  F Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Item  Mass concrete class 'P' in: 50mm thick blinding under foundations  8 Sm  Reinforced insitu concrete class 25/(20mm aggregates)  J 200mm thick floor bed  8 Sm  K 200mm thick wall  24 Sm  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm	2	from reduced level				
E Load and cart away surplus excavated material  Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  J 200mm thick floor bed  8 Sm  Reinforced insitu concrete class 25/(20mm aggregates)  L 200mm thick wall  24 Sm  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm	С	Ditto 3.0 to 4.5 m deep	3	Cm		
E Load and cart away surplus excavated material  Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation  Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  J 200mm thick floor bed  8 Sm  Reinforced insitu concrete class 25/(20mm aggregates)  L 200mm thick wall  24 Sm  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm						
Allow for keeping the whole excavation free from all water including spring and running water  G Allow for plunking and strutting the whole excavation    Mass concrete class 'P' in:	D	Return fill and ram approved excavated material around foundations	10	Cm		
spring and running water  G Allow for plunking and strutting the whole excavation  Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates) 200mm thick floor bed  8 Sm  K 200mm thick wall 24 Sm  L 200mm thick suspended slab 10 Sm  M Strip foundation 1 Cm	Е	Load and cart away surplus excavated material	36	Cm		
spring and running water  G Allow for plunking and strutting the whole excavation  Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates) 200mm thick floor bed  8 Sm  K 200mm thick wall 24 Sm  L 200mm thick suspended slab 10 Sm  M Strip foundation 1 Cm						
Spring and running water  Allow for plunking and strutting the whole excavation  Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  J 200mm thick floor bed  8 Sm  K 200mm thick wall  24 Sm  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm	F	^ T		Item		
Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  200mm thick floor bed  8 Sm  K 200mm thick wall  24 Sm  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm	1	spring and running water		100111		
Mass concrete class 'P' in: 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  200mm thick floor bed  8 Sm  K 200mm thick wall  24 Sm  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm	G	Allow for plunking and strutting the whole excavation		Item		
H 50mm thick blinding under foundations  Reinforced insitu concrete class 25/(20mm aggregates)  200mm thick floor bed  8 Sm  K 200mm thick wall  24 Sm  L 200mm thick suspended slab  10 Sm  M Strip foundation  1 Cm						
Reinforced insitu concrete class 25/(20mm aggregates)  J 200mm thick floor bed  K 200mm thick wall  L 200mm thick suspended slab  D Sm  M Strip foundation  1 Cm		Mass concrete class 'P' in:				
J 200mm thick floor bed 8 Sm  K 200mm thick wall 24 Sm  L 200mm thick suspended slab 10 Sm  M Strip foundation 1 Cm	Н	50mm thick blinding under foundations	8	Sm		
J 200mm thick floor bed 8 Sm  K 200mm thick wall 24 Sm  L 200mm thick suspended slab 10 Sm  M Strip foundation 1 Cm						
K 200mm thick wall 24 Sm   L 200mm thick suspended slab 10 Sm   M Strip foundation 1 Cm						
L 200mm thick suspended slab  M Strip foundation  10 Sm  1 Cm	J	200mm thick floor bed	}	Sm		
L 200mm thick suspended slab  M Strip foundation  10 Sm  1 Cm	K	200mm thick wall	24	4 Sm		
M Strip foundation 1 Cm						
	L	200mm thick suspended slab	10	Sm		
	М	Strip foundation		l Cm		
	111	- The state of the				



	PROPOSED CIVIL WORKS, GUARDHOUSE & STORES (	OFFICE F	OR TA	VETA YAI	RD
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	Reinforcement				
	Supply and fix bars reinforcement including bending, hooks, tying wire,				
	cutting, spacers and supporting all in position as described				
A	In assorted reinforcement of various sizes	360	Kg		
В	A 142 weighing 2.22 kg/metre sq.(measured net no allowance made for laps)	44	Sm		
	Sawn formwork to:				
С	Soffites of suspended slab, Sides walls and strip foundation	44	Sm		
D	Edge of bed between 150 - 225mm wide	32	Lm	*	
	Water proof cement/sand (1:3) in:				
Е	20mm thick screed to sloping floor bed cross falls	6	Sm		
F	20mm thick screed trowelled hard and smooth	40	Sm		
G	20mm thick render to walls	62	Sm		
Н	20mm thick render to soffites	11	Sm		
	Sundries Sundries				
J	Form or leave 100mm diameter hole in 200mm thick reinforced concrete wall and slab	10	No		
K	Form or leave 600 x 600mm hole in 200mm thick reinforced concrete suspended slab	2	No		
L	600 x 600mm heavy duty double seal manhole cover and frame including setting cover in concrete opening and forming rebate	2	No		
M	Approved filling  Rock and gravel backfill	6	Cm		
	Carried to Collection		]		



PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD						
ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS	
A	Insecticide treatment on blinded surfaces with "Termidor" termicide or other equal and approved at the rate of fipromil (250gm/ litre) after dilution with water (1:100) at the rate of 5litres per square metre all in accordance with Manufacturer's Specifications	8	Sm			
В	Single layer 1000 gauge polythene sheeting with minimum 300mm side and end laps	4	Sm			
С	Natural natural stone block walling jointed in cement/sand (1:3)  mortar in;  200mm thick wall	14	Sm			
	Carried to Collection					
	COLLECTION					
	From page 6/1					
	From page 6/2					
	From page above			-		
<del>(distribution de la constitutio</del>	Subtotal carried to Grand Summary					



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EM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	BILL NO. 7				
	PRIME COSTS AND PROVISIONAL SUMS				
	Electrical Installations				
A	Allow a Provisional Sum of Kenya Shillings Two Hundred Thousand (Ksh 200,000.00) for Electrical Installations	1	Item		
	Plumbing and Drainage Installations				
В	Allow a Provisional Sum of Kenya Shillings Two Hundred Thousand (Ksh 200,000.00) for Plumbing and Drainage Installations	1	Item		
	Contingencies				
С	Allow a Provisional Sum of Kenya Shillings Three Hundred Thousand (Ksh 500,000.00) for Contractor's Contingencies	1	Item		



## PROPOSED CIVIL WORKS, GUARDHOUSE & STORES OFFICE FOR TAVETA YARD **ITEM** DESCRIPTION Page No. Bill No. 1: Trade Preambles 1 Bill No. 2: Preliminaries 2/15 2 Bill No. 3: Guardhouse and stores office 3/19 3 Bill No. 4: Container plinth and roofing 4/4 Bill No. 5: External and Civil works 5/9 5 Bill No. 6: Biodigester 6/3 6 Bill No. 7: Prime Costs and Provisional sums 7/1 Total Add 16% VAT **GRAND TOTAL (Vat Incl.)** Amount in words..... Name of Contractor Signature & Rubber stamp.....



