Bill . No. 5 Staff Accommodation

Bill . No. 5 Staff Accommodation

ITEM	DESCRIPTION	UNIT	QTY	
	BILL NO.5			
	STAFF ACCOMMODATION			
	ELEMENT NO. 1			
,	Substructure			
Α	Excavate vegetable soil average150mm deep.	SM	280	
В	Excavate for strip foundation n.e 1.5m deep	CM	35	
С	Return fill and ram around foundations	CM	25	
D	200mm thick hardcore filling: with 50mm thick selected lake sand blinding	SM	218	
Е	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method	Item		
	Concrete Work			
	Plain concrete class 20	C11	7	
F	Strip foundations 100mm thick slab	CM	7 222	
G	TOOMM THICK SIDD	SM	222	
	Total carried to collection			

ITEM	DESCRIPTION	UNIT	QTY		
				_	
	Form work				
Α	Sawn formwork to edge of slab 125mm high	LM	71		
	Damp proof membrane				
c	230mm wide D.p.c below walls	LM	85		
	Plinth wall				
	Solid burnt clay brick walls to BS 6073 with				
	25mm wide strip of 2mm thick hoop iron into				
	alternate horizontal joints in the wall centre:				
	bedded and jointed in cement and sand (1:4)				
	mortar in;				
E	200mm thick walls	sM	115		
	Total carried to collection				
	Collection				
	Concernen				
	Page No		5/1/1.		
	Page No		5/1/2.		
	Total Substructure carried to summary		F./4./0		

5/1/2.

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.2				
	REINFORCED CONCRETE IN SUPERSTRUCTURE				
	Steel reinforcement as described				
	12mm diameter bars in;				
Α	Columns	KG	100		
В	Beams	KG	342		
	8mm diameter bars in;			1	
С	Beams	KG	298		
D	Columns	KG	87		
	Form work				
E	Sawn formwork to columns	SM	87		
F	Ditto but to beam sides and soffits	SM	45		
	Reinforced concrete class 25				
G	Columns and Beams	CM	3		
	e e				
	Total RC Superstructure carried to summary				

ITEM	DESCRIPTION	UNIT	QTY	
Α	ELEMENT NO.3 WALLING AND BUILDING FRAME Precast concrete units: Grade 25: reinforced as necessary and finished fairface on all exposed surfaces including hoisting and fixing in position. 75 x 285mm sunk weathered and throated window cills Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;	LM	20	
В	200mm thick Wall	SM	345	
	Total Walling carried to summary			

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 4			
	ROOF CONSTRUCTION			
	Pressure impregnated sawn cypress timber			
A	100 × 75 mm wallplate	LM	58	
В	150 × 50 mm tie beam	LM	295	
с	100 × 50 mm ties and struts	LM	162	
D	150x 50 mm principle rafters	LM	216	
E	150x 50 mm common rafters	LM	216	
F	150x 50 mm Ridge	LM	30	
н	100 x 50 mm purlins	LM	361	
	Roof Covering			
K	28 guage VERSATILE iron sheets	SM	383	
L	Extra over for ridge piece	LM	39	
	¥			
	T. 1.1.D. (
	Total Roof carried to summary			

5/4/5.

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 5			
	WINDOWS			
	PURPOSE MADE STEEL CASEMENT WINDOWS: WITH AND INCLUDING 5 MM CLEAR GLASS AND GLAZING: INCLUDING IRONMONGERY AND ALL ACCESSORIES TO ARCHITECTS DRAWING			
A	1500 × 1500 mm high	NO	8	
В	900 x 1200 mm high	NO	7	
	Supply and fix 4 mm glass with glazing putty			
В	clear sheet glass	SM	26	
	Prepare touch up primer and apply one under coat and two finishing coats of gloss paint			
G	Glazed steel surfaces	SM	26	
н	Burglar proofing grilles	SM	26	
	DOORS.			
	45mm THICK SOLID CORED DOORS Wooden doors: to Architect's approval; all to Architect's detailed drawing			
ı	Overall size 900mm wide x 2100mm high	NOS	16	

ITEM	DESCRIPTION	UNIT	QTY	
Tot	al Windows carried to summary			

5/5/6.

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO.6			
	FINISHES.			
	FLOOR FINISHES.			
A	12mm Thick cement-sand screeding laying and finished to 9mm as approved by engineer.	SM	118	
В	100X25 Skirt square top and coved junction at the bottom.	LM	80	
	WALL FINISHES			
	EXTERNAL FINISHES			
С	20mm render in two coats ; steel trowelled smooth to all unplastered walls.	SM	1	
D	Ditto but reveals	LM	1	
	Cement-sand mortar mix 1:3			
	Prepare and apply three coats of gloss paint as obtained from Sadolin Paints (U) Ltd to:			
E	Prepare and rough cast external renderings in mud wattle as directed by the engineer.	5M	11	
	INTERNAL FINISHES			
D	Unplastered walls and concrete surtaces steel trowelled rough but even.	5M		
	Total carried to collection			

ITEM	DESCRIPTION	UNIT	QTY	
	CEILING WORKS Supply and fix the following iron mongery: locks and furniture where applicable as approved by the Architect			
Α	100mm Pressed Stainless steel butt hinges	sM	118.0	
В	3-Lever Mortice lock & furniture	NO	2	
С	Rubber Door stoppers	NO	2	
	PAINTING AND VARNISHING			
	Prepare and apply three coats of gloss paint as obtained from Sadolin Paints (U) Ltd to:			
D	General metal surfaces	SM	11	
E	General wood surfaces	SM	5	
F	Ditto but to surfaces not exceeding 100mm girth.	LM	23	
G	Ditto but to surfaces of girth 200-300mm.	LM	2	
	Total carried to collection			
	Collection			
	Page No	5/6/7.		
	Page No	5/6/8.		
	Total Doors carried to summary		5/6/9	



ITEM	DESCRIPTION	PAGE NO	AMOUNT (UGX)
	SUMMARY BILL NO. 5 STAFF ACCOMMODATION		
1	SUBSTRUCTURE	5/1/2.	0
2	R.C SUPERSTRUCTURE	5/2/3.	0
3	WALLING AND BUILDING FRAME	5/3/4.	0
4	ROOF CONSTRUCTION	5/4/5.	0
5	WINDOWS AND DOORS	5/5/6.	0
6	FINISHES	5/6/8.	0
	TOTAL STAFF ACCOMMODATION CARRIED TO MAIN SUMMARY		0

Bill . No. 6 Drivers Accommodation



ITEM	DESCRIPTION	UNIT	QTY	
	BILL NO.6			
	DRIVERS ACCOMMODATION			
	ELEMENT NO. 1			
	Substructure			
Α	Excavate vegetable soil average150mm deep.	SM	222	
В	Excavate for strip foundation n.e 1.5m deep	CM	55	
С	Return fill and ram around foundations	CM	24	
D	200mm thick hardcore filling: with 50mm thick selected lake sand blinding	SM	171	
E	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method	Item		
	Concrete Work Plain concrete class 20		•	
F	Strip foundations	CM	9	
G	100mm thick slab	5M	184	
	Total carried to collection			

ITEM	DESCRIPTION	UNIT	QTY	
	Form work			
Α	Sawn formwork to edge of slab 125mm high	LM	61	
	<u>Damp proof membrane</u>			
с	230mm wide D.p.c below walls	LM	107	
	<u>Plinth wall</u>			
	Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into			
	alternate horizontal joints in the wall centre:			
	bedded and jointed in cement and sand (1:4) mortar in;			
E	200mm thick walls	SM	93	
	Total carried to collection			
	Collection			
	Page No		6/1/1.	
	Page No		6/1/2.	
	Total Substructure carried to summary		/ /1 /2	

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO.2			
	REINFORCED CONCRETE IN SUPERSTRUCTURE			
	Steel reinforcement as described			
	12mm diameter bars in;			
Α	Columns	KG	356	
В	Beams	KG	397	
	8mm diameter bars in;			
C	Beams	KG	345	
D	Columns	KG	99	
	Form work			
Е	Sawn formwork to columns	SM	40	
F	Ditto but to beam sides and soffits	5M	120	
	Reinforced concrete class 25			
G	Columns and Beams	СМ	7	
			i	
	Total RC Superstructure carried to summary		6/2/3	

ITEM	DESCRIPTION	UNIT	QTY	
Α	ELEMENT NO.3 WALLING AND BUILDING FRAME Precast concrete units: Grade 25: reinforced as necessary and finished fairface on all exposed surfaces including hoisting and fixing in position. 75 × 285mm sunk weathered and throated window cills Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;	LM	15	
В	200mm thick Wall	SM	305	
	Total Walling carried to summary			

6/3/4.

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO. 4				
	ROOF CONSTRUCTION				
	Pressure impregnated sawn cypress timber				
Α	100 × 75 mm wallplate	LM	133		
В	150 x 50 mm tie beam	LM	60		
С	100 x 50 mm ties and struts	LM	211		
D	150x 50 mm principle rafters	LM	360		
E	150x 50 mm common rafters	LM	360		
F	150x 50 mm Ridge	LM	23		
н	100 × 50 mm purlins	LM	150		
	Roof Covering				
К	32 guage galvanised corrugated iron sheets	SM	327		
L	Extra over for ridge piece	LM	23	1	
	Total Roof carried to summary				

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 5			
	WINDOWS PURPOSE MADE STEEL CASEMENT WINDOWS: WITH AND INCLUDING 5 MM CLEAR GLASS AND GLAZING: INCLUDING IRONMONGERY AND ALL ACCESSORIES TO ARCHITECTS DRAWING			
A	1500 × 1500 mm high	NO	6	
	Supply and fix 4 mm glass with glazing putty			
E	clear sheet glass	SM	14	
	Prepare touch up primer and apply one under coat and two finishing coats of gloss paint			
G	Glazed steel surfaces	5M	14	
Н	Burglar proofing grilles	SM	14	
	Total Windows carried to summary			

6/5/6.

ITEM	DESCRIPTION	UNIT	QTY	
Α	ELEMENT NO.6 DOORS. 45mm THICK SOLID CORED DOORS Wooden doors: to Architect's approval; all to Architect's detailed drawing Overall size 900mm wide x 2400mm high	NO	12	
	Supply and fix Purpose made steel casement doors manufactured from Standard sections: assembled and delivered to site: supply and fixing approved 6mm glass, ironmongery comprising approved hinges, pivoting mechanisms, incuding permanent louvers, mosquit			
E	Overall size 1000 x 2400mm high	NO	1	
F	Overall size 1200 x 2400mm high	NO	1	
	Prepare, touch up primer, apply one undercoat and three finishing coats of approved gloss oil paint to:			
G	Metal surfaces (measured flat on both sides)	SM		
	Total carried to collection			

ITEM	DESCRIPTION	UNIT	QTY	
	IRONMONGERY Supply and fix the following iron mongery: locks and furniture where applicable as approved by the Architect			
Α	100mm Pressed Stainless steel butt hinges	PRS	24.0	
В	3-Lever Mortice lock & furniture	NO	12	
С	Rubber Door stoppers	NO	6	
	PAINTING AND VARNISHING			
	Prepare and apply three coats of gloss paint as obtained from Sadolin Paints (U) Ltd to:			
D	General metal surfaces	SM	11	
	Total carried to collection			
	Collection			
	Page No	6/6/7.		
	Page No	6/6/8.		
	Total Doors carried to summary		/ // /0	

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO.7			
	FINISHES			
	EXTERNAL FINISHES.			
	External render: 15mm first coat of cement/lime putty/sand (1:2:9): 5mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to;			
Α	Walls	SM	144	
	INTERNAL FINISHES.			
	Internal render: 15mm first coat of cement/lime putty/sand (1:2:9): 5mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to;			
В	Walls	SM	285	
	Total External Finishes carried to summary			

ITEM	DESCRIPTION	PAGE NO	AMOUNT (UGX)
	SUMMARY BILL NO. 6 SWIMMING POOL		
1	SUBSTRUCTURE	6/1/2.	0
2	R.C SUPERSTRUCTURE	6/2/3.	0
3	WALLING AND BUILDING FRAME	6/3/4.	0
4	ROOF CONSTRUCTION	6/4/5.	0
5	WINDOWS AND MESH VENTILATION	6/5/6.	0
6	DOORS	6/6/8.	0
7	EXTERNAL FINISHES	6/7/9.	0
	TOTAL 1WASTE YARD CARRIED TO		
	MAIN SUMMARY		0



Bill . No. 7 Hostel block



ITEM	DESCRIPTION	UNIT	QTY	
	BILL NO.7			
	HOSTEL		1	
	ELEMENT NO. 1			
,	<u>Substructure</u>			
Α	Excavate vegetable soil average150mm deep.	SM	408	
В	Excavate for strip foundation n.e 1.5m deep	CM	103	
С	Return fill and ram around foundations	CM	47	
D	200mm thick hardcore filling: with 50mm thick selected lake sand blinding	SM	290	
E	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method Concrete Work	Item		
	Plain concrete class 20			
F	Strip foundations	CM	16	
G	100mm thick slab	SM	312	
	Total carried to collection			

7/1/1.

ITEM	DESCRIPTION	UNIT	QTY	
	Form work			
		1.44	104	
Α	Sawn formwork to edge of slab 125mm high	LM	104	
	<u>Damp proof membrane</u>			
С	230mm wide D.p.c below walls	LM	164	
	<u>Plinth wall</u>			
	Solid burnt clay brick walls to BS 6073 with			
	25mm wide strip of 2mm thick hoop iron into			
	alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4)			
	mortar in:			
E	230mm thick walls	SM	145	
_		SM	143	
	<u>Splash apron</u>			
F	Construct splash apron 650mm wide trowelled			
	smooth and including all necessary excvation,		98	
	formwork and concrete work	LM	96	
	Total carried to collection			
	Collection			
	Conection			
	Page No		7/1/1.	
	Page No		7/1/2.	
	Total Substructure carried to summary			

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO.2			
	REINFORCED CONCRETE IN SUPERSTRUCTURE			
	Steel reinforcement as described 12mm diameter bars in;			
Α	Columns	KG	449	
В	Beams	KG	584	
	8mm diameter bars in;		p	
С	Beams	KG	521	
D	Columns	KG	13	
	Form work			
Ε	Sawn formwork to columns	SM	58	
F	Ditto but to beam sides and soffits	SM	120	
	Reinforced concrete class 25			
G	Columns and Beams	СМ	17	
	a a			
		Į.		
	Total RC Superstructure carried to summary			

ITEM	DESCRIPTION	UNIT	QTY	
Α	ELEMENT NO.3 WALLING AND BUILDING FRAME Precast concrete units: Grade 25: reinforced as necessary and finished fairface on all exposed surfaces including hoisting and fixing in position. 75 x 285mm sunk weathered and throated window cills Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;	LM	21	
В	230mm thick Wall	SM	467	
				-
	Total Walling carried to summary			

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 4			
	ROOF CONSTRUCTION			
	Pressure impregnated sawn cypress timber			
Α	100 × 75 mm wallplate	LM	205	
В	150 × 50 mm tie beam	LM	508	
с	100×50 mm ties and struts	LM	286	
D	150x 50 mm principle rafters	LM	353	
E	150x 50 mm common rafters	LM	353	
F	150× 50 mm Ridge	LM	38	
G	100 × 50 mm purlins	LM	459	
	Roof Covering			
Н	32 guage galvanised corrugated iron sheets	SM	545	
I	Extra over for ridge piece	LM	38	
	Total Roof carried to summary			

7/4/5.

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 5 WINDOWS			
	PURPOSE MADE STEEL CASEMENT WINDOWS: WITH AND INCLUDING 5 MM CLEAR GLASS AND GLAZING: INCLUDING IRONMONGERY AND ALL ACCESSORIES TO ARCHITECTS DRAWING			
A	1500 × 1500 mm high	NO	8	
В	900 x 1200 mm high	NO	10	
	Supply and fix 4 mm glass with glazing putty			
С	clear sheet glass	SM	27	
	Prepare touch up primer and apply one under coat and two finishing coats of gloss paint			
G	Glazed steel surfaces	SM	27	
Н	Burglar proofing grilles	SM	27	
	Total Windows carried to summary			

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.6				
	DOORS.				
	45mm THICK SOLID CORED DOORS Wooden doors: to Architect's approval ; all to Architect's detailed drawing				
Α	Overall size 900mm wide × 2100mm high	NO	12		
	Wrought hardwood, selected, treated and kept clean in			.0	
В	40 x 200mm Frame with two labours.	LM	69		
С	40 x 200mm Transome with two labours	LM	11		
D	25 x 75mm Architrave with two labours.	LM	138		
E	Supply and fix Purpose made steel casement doors manufactured from Standard sections: assembled and delivered to site: supply and fixing approved 6mm glass, ironmongery comprising approved hinges, pivoting mechanisms, incuding permanent louvers, mosquit Overall size 900 x 2400mm high Prepare, touch up primer, apply one undercoat and three finishing coats of approved gloss oil paint to: Metal surfaces (measured flat on both sides)	NO	6		
	Total carried to collection				2

ITEM	DESCRIPTION	UNIT	QTY		
	IRONMONGERY Supply and fix the following iron mongery: locks and furniture where applicable as approved by the Architect				
A	100mm Pressed Stainless steel butt hinges	PRS	24.0		
В	3-Lever Mortice lock & furniture	NO	18		
	PAINTING AND VARNISHING Prepare and apply three coats of gloss paint as obtained from Sadolin Paints (U) Ltd to:				
С	General metal surfaces	SM	18		
D	General wood surfaces	5M	26		
Е	Ditto but to surfaces not exceeding 100mm girth.	LM	57		
F	Ditto but to surfaces of girth 200-300mm.	LM	57		
	Total carried to collection				
	Collection				
	Page No	7/6/7.			
	Page No	7/6/8.		,	
				,	
	Total Doors carried to summary		7///0		

ELEMENT NO.7 EXTERNAL FINISHES. External render: 15mm first coat of cement/lime putty/sand (1:2:9): 5mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to; A Walls PAINTING Prepare surfaces: apply three coats "Sadolin" or any other approved weather guard paint: to rendered surfaces in: B Plastered walls SM 239	ITEM	DESCRIPTION	UNIT	QTY	
PAINTING Prepare surfaces: apply three coats "Sadolin" or any other approved weather guard paint: to rendered surfaces in: B Plastered walls SM 239		EXTERNAL FINISHES. External render: 15mm first coat of cement/lime putty/sand (1:2:9): 5mm second coat of cement/lime putty/sand (1:1:6): steel trowelled:			
Prepare surfaces: apply three coats "Sadolin" or any other approved weather guard paint: to rendered surfaces in; B Plastered walls SM 239	Α	Walls	SM	239	
any other approved weather guard paint: to rendered surfaces in; B Plastered walls SM 239		PAINTING			
		any other approved weather guard paint: to			
	В	Plastered walls	5M	239	
Total External Finishes carried to summary		Total External Finishes carried to summary			

ELEMENT NO.8 INTERNAL WALL FINISHES. Plaster: 12mm first coat of cement/lime putty/sand (1:2:9): 4mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to; A Walls SM 408 PAINTING Prepare and apply three coats of silk vinyl paint to: C Plastered walls. SM 408	ITEM	DESCRIPTION	UNIT	QTY		
Prepare and apply three coats of silk vinyl paint to:		INTERNAL WALL FINISHES. Plaster: 12mm first coat of cement/lime putty/sand (1:2:9): 4mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to;	SM	408		
Total Internal wall finishes carried to summary		Prepare and apply three coats of silk vinyl paint to: Plastered walls.	SM	408		

7/8/10.

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.9 INTERNAL FLOOR FINISHES. 20mm cement and sand (1:4) screeds and pavings, power floated (measured seperately) in:				
Α	Floors	5M	192		
				*	
	Total Internal Floor finishes carried to summary				

7/9/11.

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 10			
	CEILING FINISHES.			
	Soft wood treated timber timber in;			
A	100 × 50mm ceiling joists	LM	240	
В	100 x 50mm ceiling hangers	LM	125	
С	75 x 50mm ceiling branderings	LM	220	
D	Expanded metal lath with pricking coarse in cement sand mortar (1:3)	SM	192	
	Cement, sand, lime mortar in;			
Е	12mm thick lime plaster to ceiling soffites	SM	192	
	PAINTING			
	Prepare and apply three coats of ceiling emulsion paint to:			
F	Plastered ceilings.	SM	192	
	Total Ceiling Finishes carried to summary			

7/10/12.

ITEM	DESCRIPTION	PAGE NO	AMOUNT (UGX)
	SUMMARY BILL NO. 7 HOSTEL		
1	SUBSTRUCTURE	7/1/2.	O
2	R.C SUPERSTRUCTURE	7/2/3.	0
3	WALLING AND BUILDING FRAME	7/3/4.	O
4	ROOF CONSTRUCTION	7/4/5.	0
5	WINDOWS	7/5/6.	0
6	DOORS	7/6/8.	0
7	EXTERNAL FINISHES	7/7/9.	0
8	INTERNAL WALL FINISHES	7/8/10.	0
9	INTERNAL FLOOR FINISHES	7/9/11.	0
10	CEILING FINISHES	7/10/12.	0
	TOTAL HOSTEL CARRIED TO MAIN		
	SUMMARY		0

Bill . No. 8 Tented Camp washroom

ITEM	DESCRIPTION	UNIT	QTY	
	BILL NO.8			
	TENT CAMP WASHROOMS			
	ELEMENT NO. 1			
	<u>Substructure</u>			
А	Excavate vegetable soil average150mm deep.	5M	109	
В	Excavate for strip foundation n.e 1.5m deep	CM	61	
С	Return fill and ram around foundations	CM	27	
D	200mm thick hardcore filling: with 50mm thick selected lake sand blinding	SM	77	
E	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method	Item		
	Concrete Work			
	<u>Plain concrete class 20</u>			
F	Strip foundations	CM	10	
G	100mm thick slab	SM	84	
			ll ll	
				·
	Total carried to collection			

ITEM	DESCRIPTION	UNIT	QTY	
	Form work			
A	Sawn formwork to edge of slab 125mm high	LM	39	
"		2	• •	
	<u>Damp proof membrane</u>			
В	230mm wide D.p.c below walls	LM	165	
	S			
	Plinth wall			
	Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into			
	alternate horizontal joints in the wall centre:			
	bedded and jointed in cement and sand (1:4)			
	mortar in;			
E	230mm thick walls	5M	103	
	Splash apron			
F	Construct splash apron 650mm wide trowelled			
	smooth and including all necessary excvation,	LM	44	
	formwork and concrete work	LW	77	
	Total carried to collection			
	Collection			
	Page No		8/1/1.	
	Page No		8/1/2.	
	. 250 / 10			
	Total Substructure carried to summary			
	. C.a. Caparidoral o carrica to summary		0 /1 /2	

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO.2			
	REINFORCED CONCRETE IN SUPERSTRUCTURE			
	Steel reinforcement as described 12mm diameter bars in;			
Α	Columns	KG	267	
В	Beams	KG	242	
	8mm diameter bars in;			
С	Beams	KG	211	
D	Columns	KG	75	
	Form work			
E	Sawn formwork to columns	SM	29	
F	Ditto but to beam sides and soffits	SM	41	
	Reinforced concrete class 25			
G	Columns and Beams	CM	4	
			b	
	Total RC Superstructure carried to summary			

ITEM	DESCRIPTION	UNIT	QTY	¢.	
Α	ELEMENT NO.3 WALLING AND BUILDING FRAME Precast concrete units: Grade 25: reinforced as necessary and finished fairface on all exposed surfaces including hoisting and fixing in position. 75 x 285mm sunk weathered and throated window cills Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;	LM	12		
В	200mm thick Wall	SM	165		
	Total Walling carried to summary				

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 4			
	ROOF CONSTRUCTION			
	Pressure impregnated sawn cypress timber			
A	100 x 75 mm wallplate	LM	68	
В	150×50 mm tie beam	LM	139	
с	100×50 mm ties and struts	LM	55	
D	150x 50 mm principle rafters	LM	54	
E	150x 50 mm common rafters	LM	54	
F	150x 50 mm Ridge	LM	15	
н	100 x 50 mm purlins	LM	75	
	Roof Covering			
К	32 guage galvanised corrugated iron sheets	SM	180	
L	Extra over for ridge piece	LM	14	
-	Total Roof carried to summary			

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 5 WINDOWS PURPOSE MADE STEEL CASEMENT WINDOWS: WITH AND INCLUDING 5 MM CLEAR GLASS AND GLAZING: INCLUDING IRONMONGERY AND ALL ACCESSORIES TO ARCHITECTS DRAWING			
Α	900 x 1200 mm high	NO	10	
	Supply and fix 4 mm glass with glazing putty			
В	clear sheet glass	SM	11	
	Prepare touch up primer and apply one under coat and two finishing coats of gloss paint			
С	Glazed steel surfaces	SM	12	
D	Burglar proofing grilles	SM	12	
	Total Windows carried to summary			

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.6				
	DOORS.				
	45mm THICK SOLID CORED DOORS Wooden doors: to Architect's approval ; all to Architect's detailed drawing				
Α	Overall size 900mm wide x 2100mm high	NO	10		
	Wrought hardwood, selected, treated and kept clean in				
В	40 × 200mm Frame with two labours.	LM	51		
С	40 × 200mm Transome with two labours	LM	22		
D	25 x 75mm Architrave with two labours.	LM	55		
	Supply and fix Purpose made steel casement doors manufactured from Standard sections: assembled and delivered to site: supply and fixing approved 6mm glass, ironmongery comprising approved hinges, pivoting mechanisms, incuding permanent louvers, mosquit				
E	Overall size 1000 x 2400mm high	NO	2		
	Prepare, touch up primer, apply one undercoat and three finishing coats of approved gloss oil paint to:				
F	Metal surfaces (measured flat on both sides)	SM	6		
	Total carried to collection				
	Total cultica to collection	L	1	L	

ITEM	DESCRIPTION	UNIT	QTY	
	IRONMONGERY Supply and fix the following iron mongery: locks and furniture where applicable as approved by the Architect			
A	100mm Pressed Stainless steel butt hinges	PRS	22.0	
В	3-Lever Mortice lock & furniture	NO	12	
	PAINTING AND VARNISHING Prepare and apply three coats of gloss paint as obtained from Sadolin Paints (U) Ltd to:			
С	General metal surfaces	SM	6	
D	General wood surfaces	SM	19	
E	Ditto but to surfaces not exceeding 100mm girth.	LM	51	
F	Ditto but to surfaces of girth 200-300mm.	LM	45	
	Total carried to collection			
	Collection			
	Page No	8/6/7.		l)
	Page No	8/6/8.		
	Total Doors carried to summary			

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO.7 EXTERNAL FINISHES.			
	External render: 15mm first coat of cement/lime putty/sand (1:2:9): 5mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to;			
A	Walls	SM	87	
	PAINTING			
	Prepare surfaces: apply three coats "Sadolin" or any other approved weather guard paint: to rendered surfaces in;			
В	Plastered walls	SM	87	
	Total External Finishes carried to summary			

ELEMENT NO.8	
INTERNAL WALL FINISHES. Plaster: 12mm first coat of cement/lime putty/sand (1:2:9): 4mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to;	
A Walls SM 95	
PAINTING	
Prepare surfaces: apply three coats "Sadolin" or any other approved weather guard paint: to rendered surfaces in;	
B Plastered walls LM 95	
Total Internal wall finishes carried to summary	

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO.9			
	INTERNAL FLOOR FINISHES.		,	
	INTERNAL FLOOR FINISHES.			
	20mm cement and sand (1:4) screeds and			
	pavings, power floated (measured seperately) in;			
Α	Floors	SM	68	
	Total Internal Floor finishes carried to summary			

8/9/11.

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 10			
	CEILING FINISHES.			
	Soft wood treated timber timber in;			
Α	100 x 50mm ceiling joists	LM	220	
В	100 × 50mm ceiling hangers	LM	90	
С	75 × 50mm ceiling branderings	LM	120	
D	Expanded metal lath with pricking coarse in cement sand mortar (1:3)	SM	68	
	Cement, sand, lime mortar in;			
E	12mm thick lime plaster to ceiling soffites	SM	68	
	PAINTING			
	Prepare and apply three coats of ceiling emulsion paint to:			
F	Plastered ceilings.	SM	68	
	Total Ceiling Finishes carried to summary		9/10/12	

8/10/12.

ITEM	DESCRIPTION	UNIT	QTY	
	ELEMENT NO. 11			
	ELECTRICAL INSTALLATIONS			
A	100A SPN 12-ways flush mounted consumer's unit with main income circuit breakers and all accessories as to crabtree or equal approved.	NO	1	
В	Lighting Points wired with 3 × 1.5mm2 Single Core cables in 20mm diameter PVC Conduit	NO	14	
С	Socket Points wired with 3 x 2.5mm2 Single core cables in 20mm diameter PVC Conduit	NO	2	
	<u>ACCESSORIES</u>			
D	1 Gang 1 Way Switch	NO	12	
Ε	2 Gang 2 Way Switch	NO	2	
F	Double socket outlet	NO	2	
G	Control Unit medium	NO	1	
	Total carried to collection			

ITEM	DESCRIPTION	UNIT	QTY	
С	Allow a provisional sum of One million shillings only (1,000,000) for lightning protection	Item		
	Total carried to collection			
	COLLECTION			
	Page no.	8/11/13.		
	Page no.	8/11/14.		
	,			
	Total Electrical Installations carried to summary			

8/11/14.

ITEM	DESCRIPTION	PAGE NO	AMOUNT (UGX)
	SUMMARY BILL NO. 8 TENT DECKS		
1	SUBSTRUCTURE	8/1/2.	0
2	R.C SUPERSTRUCTURE	8/2/3.	0
3	WALLING AND BUILDING FRAME	8/3/4.	0
4	ROOF CONSTRUCTION	8/4/5.	0
5	WINDOWS AND MESH VENTILATION	8/5/6.	o
6	DOORS	8/6/8.	o
7	EXTERNAL FINISHES	8/7/9.	0
8	INTERNAL WALL FINISHES	8/8/10.	0
9	INTERNAL FLOOR FINISHES	8/9/11.	0
10	CEILING FINISHES	8/10/12.	0
11	ELECTRICAL INSTALLATIONS	8/11/14.	0
	TOTAL TENTED CAMP WASHROOMS		
	CARRIED TO MAIN SUMMARY		0



Bill . No. 9 Budget dining structure

ITEM	DESCRIPTION	UNIT	QTY	
	BILL NO.9			
	BUDGET CAMP DINING			
	ELEMENT NO. 1			
	<u>Substructure</u>			
Α	Excavate vegetable soil average150mm deep.	5M	141	
В	Excavate for strip foundation n.e 1.5m deep	CM	37	
С	Return fill and ram around foundations	CM	16	
D	200mm thick hardcore filling: with 50mm thick selected lake sand blinding	SM	27	
E	Allow for keeping the excavations free from water <u>Concrete Work</u>	Item		
	Plain concrete class 20			
F	Strip foundations	CM	6	
G	100mm thick slab	5M	25	
н	100mm thick splash apron bed	5M	14	
	Total carried to collection			