

**Labour and Material Contract
Main Provisional Bills of Quantities**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p><u>PRELIMINARIES</u></p> <p><u>SECTION C- SPECIFIC PRELIMINARIES</u></p> <p>Site instructions</p> <p>Instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor F:.....V:.....T:.....</p> <p><u>SECTION D- SITE ESTABLISHMENT AND ACCOMMODATION</u></p> <p><u>Contractual obligation</u></p> <p>1 Accommodation 2 Site office 3 Security guards and PPE for workers</p>	Item			
		Item	1		
		Item	1		
		Item	1		
	Total Amount carried to final summary				R

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Item	Description	Unit	Qty	Rate	Amount
B	<u>Bill No. 2</u>				
	<u>EARTHWORKS</u>				
	<u>Site Clearance</u>				
1	Digging up and removal of rubbish, debris, vegetation, hedges, bushes and trees n.e 200mm girth	m ²	45		
	<u>Excavations, Filling, etc.</u>				
2	Excavate in pickable material for trenches not exceeding 2m deep	m ³	173		
3	E.O carting away of excavated material from site to a location to be identified by contractor	km	5		
	<u>Extra over trench excavations in earth for excavation in</u>				
4	Soft rock	m ³	4		
5	Hard rock	m ³	2		
6	Risk of collapse to sides of excavations n.e 1.5m deep	m ²	66		
7	Keep excavations free of water	Item	1		
	<u>Filling</u>				
8	Backfilling to sides of trenches for external walls, and compaction to 90% MOD AASHTO	m ³	25		
9	Ditto, for internal walls	m ³	12		
	Total Amount Carried to Final Summary				R

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Item	Description	Unit	Qty	Rate	Amount
C	<p><u>Bill No. 3</u></p> <p>SOIL POISONING</p> <p><u>Compaction of ground surfaces</u></p> <p>1 Compaction of natural or excavated ground surface under floors etc, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density</p> <p><u>Weed Killers, Insecticides, etc.</u></p> <p><u>Soil insecticide in accordance with SANS 5859</u></p> <p>2 Under floors etc</p> <p>3 To bottoms and sides of trenches etc</p>	m ²	124		
	Total Amount Carried to Final Summary				R

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Item	Description	Unit	Qty	Rate	Amount
D	Bill No. 4				
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>				
	<u>CONCRETE</u>				
	<u>Unreinforced concrete cast against excavated surfaces</u>				
1	15Mpa/19mm concrete surface blinding under surface bed, 50mm thick	m ³	23		
2	Ditto, for surface bed 85mm thick	m ³	7		
3	Apron, 50mm thick	m ³	12		
	<u>Reinforced concrete cast against excavated surfaces</u>				
4	20Mpa / 20mm stone concrete for strip footings	m ³	14		
	<u>REINFORCEMENT</u>				
	<u>Fabric Reinforcement</u>				
5	Type 193 fabric reinforcement in concrete surface beds, slabs (and 250 micro DPM laid on the floor)	m ²	149		
	<u>CONCRETE SUNDRIES</u>				
	<u>Finishing top surfaces of concrete smooth with a steel trowel: Slab</u>				
6	50mm topping laid on top of surface bed	m ²	149		
	Total Amount C/F				R

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Item	Description	Unit	Qty	Rate	Amount
	<u>Amount b/f</u>				R
	<u>MASONRY</u>				
	<u>BRICKWORK</u>				
	<u>Foundations</u>				
7	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar for half brick walls	m ²	129		
8	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar for one brick walls	m ²	13		
	<u>Brickwork Sundries</u>				
9	30 x 1,6mm Cramp 500mm long with one end fixed to timber and other end built into brickwork fixed at 900mm spacings	No	22		
	Total Amount Carried to Final Summary				R

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	Description	Unit	Qty	Rate	Amount
E	Bill No. 5 (CCA TREATED TIMBER STRUCTURE)				
	CCA Treated Cladding (PAR CCA H3)				
	32mm x 3.0m CCA Treated timber cladding nailed to CCA Treated timber frame jointed				
1	On external walls	m ²	138		
2	On external walls beams and patios	m	16		
3	Ex 38 x 114 PAR CCA H3 or similar cladding nailed at the corners	m	166		
4	Ringshank nails 75mm (Beamfill Cladding)	kg	66		
	<u>Dry walling Internal walling</u>				
5	12.5mm dry walling / Rhinoboard 2.7 x 1.2m for internal walls	m ²	161		
6	42mm Grabber Screws (Rhinoboard)\100	kg	30		
7	Isotherm 50, 1200mm Wide (insulation)	m ²	120		
8	Rhino board jointing tape between walls	m	109		
	Total Amount C/F				
					R

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Item	Description	Unit	Qty	Rate	Amount
	Amount b/f				R
	Super Structure (Timber Frame) work				
	Super structure timber frame work to be CCA treated timber, nailed together and form frame structure with doors, windows and openings or arches as indicated on plan, All frame work must be strengthened and tide				
	Conduits, plumbing pipes, must be included on the structure prior to the enclosure with timber and dry walling				
9	Super structure 114x38mm CCA treated timber frame nailed	m	302		
10	Super structure external walling	m ²	145		
11	Super structure internal walling	m ²	139		
12	Door frame work	m	33		
13	Galv. Hoop Iron 1.6 x 3x 600	no	10		
14	Galvanize conner beads to all joints corners of the interior walls screwed to boards	m	271		
	Total Amount Carried to Final Summary				R

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Item	Description	Unit	Qty	Rate	Amount
F	Bill No. 6				
	ROOF COVERINGS, TRUSSES, ETC				
	Profiled Metal Sheeting And Accessories				
	0,5mm Z275 IBR Galvanized steel sheets with "chromadek" finish of approved standard colour on one side and standard grey backing finish on reverse side, fixed to timber purlins				
	One layer 4mm special polyester fully bonded waterproofing laid on to roof slope				
1	IBR roof covering with a 24 degree pitch	m ²	156		
2	Prefabricated roof trusses for the entire bldg . including purlins, bracing and wall plates	m ²	149		
	Trusses				
3	114x38mm SA pine elsewhere including all nails, carbolinium on the eaves of the trusses	m ²	40		
4	0,5mm thick ridge cap placed on top of roof coverings including all closures and nails with the similar colour of the roof coverings	m	49		
	Total Amount C/F				
					R

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Item	Description	Unit	Qty	Rate	Amount
	Amount b/f				R
	<u>CARPENTRY AND JOINERY</u>				
	<u>Plate nailed timber roof truss construction</u>				
5	76mm x 38mm wall plates fixed with 75mm nails at 400mm c/c	m	43		
6	Roll-top ridge fixed on the adjoining roof coverings nailed to match with roof coverings	m	132		
7	38x114mm timber as roof trusses for patio, at 700mm spacings, 1700mm long with 600mm overhang	No	13		
	<u>Floors and skirtings</u>				
8	Wrought meranti skirting, size 19 x 19mm quadrant	m	170		
	<u>Doors, etc.</u>				
9	Wrought meranti door, size 813 x 2032mm high, including timber frame, locks and fittings for D3	No	1		
10	Wrought meranti double door, size 1693 x 2032mm high, including frame, locks and fittings for D2	No	1		
11	Wrought meranti stable door, size 893 x 2032mm high, including frame, locks, and fittings for D8	No	1		
12	Hollow core door 2032x813mm with locks (D1)	No	6		
	Total Amount Carried to Final Summary				R

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Item	Description	Unit	Qty	Rate	Amount
G	Bill No. 7				
	Windows and Cup boards (BIC)				
1	Window type ND2 1 114 x 1195mm high (W4)	No	4		
2	Window type ND4 1649 x 1195mm high (W1)	No	1		
3	Window type NC1 579 x 925mm high (W3)	No	2		
4	Window type NC2 1114 x 925mm high (W5)	No	1		
5	Window type NE2 579 x 1 649mm high (W2)	No	2		
	Sills				
6	20mm thick Window sills	m	16		
	Cupboards (BIC)				
7	BIC to office 1 and 2 including linen between toilets, must be built with white melamine or equal approved boards with shelves, sizes in accordance to the space provided. 2.3m x 550mm x 2.2m high	No	3		
8	Meranti wood sink cupboard with sides, bottom, divisions, shelf, back and double hinged doors and built in sink, including fittings, 900mm high (size 3,5x600x900mm h)	No	1		
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Item	Description	Unit	Qty	Rate	Amount
H	Bill No. 8				
	CEILING				
	NuTech Ceiling boards joined with galv.bishop strip				
1	Ceilings including 38 x 38mm branding at 90 degrees to trusses at maximum c/c of 400mm by 32mm long galvanised nails	m ²	124		
2	Extra over ceiling for opening for 600 x 600mm trap door of 50 x 76mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	1		
3	75mm nutec ceiling cornices sealed with sealicon sealent well moulded to close openings	m	77		
	<u>Carbolinium</u>				
	Two coats of water proof carbolinium to all exterior wood including eaves and overhang				
4	Roof overhangs exposed	m ²	20		
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Item	Description	Unit	Qty	Rate	Amount
I	Bill No. 9				
	TILING				
	Floor Tiling				
	Contractor is requested to carefully check and provide non- slippery floor tiling to all floors including patios and steps on plan				
1	Kilimanjaro grey floor tiles, 420mm x 420mm x 8mm thick, fixed with adhesive to screed and flush pointed with waterproof grout	m ²	149		
2	10mm x 2.4m long edge silver stripe trim on the edge in the patios / stoep with dove grey grouting.	m	19		
3	75mm tile cutting skirting fixed to walls with dove gray grouting	m	190		
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Item	Description	Unit	Qty	Rate	Amount
J	Bill No. 10				
	GLAZING				
	GLAZING TO WOOD WITH PINNED-ON BEADS				
	Clear float panes, including beads				
1	Panes exceeding 2m ² and not exceeding 4m ² , for W1	m ²	3		
2	Ditto, for W2	m ²	3		
3	Ditto, panes exceeding 0.5m ² and not exceeding 2m ² , for W3	m ²	2		
4	Ditto, for W4	m ²	2		
5	Ditto, for W5	m ²	2		
	Total Amount Carried to Final Summary				R

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Item	Description	Unit	Qty	Rate	Amount
K	Bill No. 11				
	PAINTWORK				
	ON WOOD SURFACES				
	Three coats exterior quality penetrating wood preservative				
1	Doors	m ²	15		
2	Full pane windows, sash doors, etc	m ²	38		
3	Door frames, etc.	m ²	12		
4	Skirtings, rails, etc not exceeding 300mm girth	m	100		
5	External timber cladding	m ²	160		
	ON PLASTERBOARD SURFACES				
	Two coats low odour premium quality highly washable and stain resistant acrylic emulsion paint				
6	Internal walling / partitions	m ²	90		
7	Ceilings and cornices ("White" colour group)	m ²	140		
8	Plaster primer to all internal walls	m ²	145		
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Item	Description	Unit	Qty	Rate	Amount
L	<p>Bill No. 12</p> <p>PROVISIONAL SUMS</p> <p>Plumbing and Drainage</p> <p>1 Contractor is requested to study drawing carefully and provide all plumbing installation of WC's, accessories,WHB's, t/rails, toilet roll holders</p> <p>NB: Coral dual top flush toilet suite and coral WHB white with pedestals</p> <p>General Electrical Installations</p> <p>2 Contractor need to do all electrical installations, including wall plugs, 4x4 plugs x 3 per office, 1 200mm double florecent lights in the hall,offices,kitchen and reception areas, patios lights to be Ceiling lights and external four sides to be flood lights or water resistance screwed lights, DB board, circuit breakers, and all electrical connections including addapters, glue etc.</p> <p>Kitchen equipment installation</p> <p>3 Provide 4 plates free standing stove fitted, connect including isolater and 1.2m sink fitted to cabinet with wood work top, doors and including star pillar mixer and waste pipe, trap and gulley installation.</p>	Item	1		
	Total Amount C/F				R

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Item	Description	Unit	Qty	Rate	Amount
	Amount B/F				R
	Septic Tank				
4	Contractor to construct septic tank, including 110mm PVC drainage pipes, bends, reduces, inspection eyes and accessories (Refer to DWG No. DIS 001), connect also water to the structure with all valves, vent pipes gulleys etc.	Item	1		
	Fence				
	Contractor is requested to erect high quality diamond wire mesh fence with posts, stays, bolts, straining wires, concrete encase etc.				
5	Security fence 2,4mm high vertically with 500mm wide 5 degree overhang to one side, of Y section standards with overhang at not exceeding 3,5m centres, with 50 strands of 1,2mm straining wire and 50 strands of type barbed wire tied to standards, posts and eye bolts and the vertical height covered with 50 x 50 x 1.2mm diamond wire mesh tied at 200mm centres to each straining wire	Item	1		
	Total Amount C/F				R

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Item	Description	Unit	Qty	Rate	Amount
	Amount B/F				R
	Gates				
6	Double gate of 50mm diameter framing, 2,2m x 2,4m high vertically with both stiles extended at top to form 500mm 5 degree overhang to suit security fencing and with one diagonal brace ,the vertical section covered with 500 x 500mm x 1,5mm diamond wire mesh and overhang with 3 strands of barbed wire including hinges, heavy duty lockable barrel bolt and nuts with washers including tumble pad lock	Item	1		
	Water tank				
7	Contractor is requested to install 4000l watertank placed on top of 2m x2m x 900mm high brick work filled with compacted hardcore 80mm concrete on top with gutters, brackets etc, from the roof including down pipes and pipes sloping to the tank	Item	1		
	Sign Board				
8	Supply of Chromadek Sign Board with SAFCOL Art work: 100 x 100x2mm square tubing steel post bolted together and encased 500mm deep with 15MPa concrete hanged in the front of the gate to be shown by SAFCOL project team.	No	1		
	Total Amount Carried to Final Summary				R

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FINAL SUMMARY

Item	Description	Page	Total Amount
A	Bill No. 1: Preliminaries	1	R
B	Bill No. 2: Earth works.	2	R
C	Bill No. 3: Soil Poisoning	3	R
D	Bill No. 4: Concrete, formworks and reinforcement	5	R
E	Bill No. 5: CCA Treated Timber structure, Cladding	7	R
F	Bill No. 6: Roof Coverings, trusses, etc.	9	R
G	Bill No. 7: Windows and Cupboards	10	R
H	Bill No. 8: Ceiling	11	R
I	Bill No.9 : Tilling	12	R
J	Bill No.10: Glazing	13	R
K	Bill No.11 : Paint work	14	R
L	Bill No.12: Provisional Sums	17	R
	Sub-Total		R
	Sub-Total		R
	15% VAT		R
	Total Amount Tendered		R