

CONSTRUCTION OF PAVILION SHELTER AT MANTJOLO TRADITIONAL COUNCIL
Labor and Material Contract

Main Provisional Bills of Quantities

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	Bill No 1				
	<u>PRELIMINARIES</u>				
	Site instructions				
	1 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:.....	Item			
	<u>SECTION D- SITE ESTABLISHMENT AND ACCOMMODATION</u>				
	<u>Contractual obligation</u>				
2	Accommodation	Item	0		
3	Site office	Item	0		
4	PPE for workers	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	20		
	<u>Excavations, Filling, etc.</u>				
2	Excavate in pickable material for trenches not exceeding 2m deep	m ³	122		
3	E.O carting away of excavated material from site to a location to be identified by contractor	m ³	31		
	<u>Extra over trench excavations in earth for excavation in</u>				
4	Soft rock	m ³	2		
5	Hard rock	m ³	1		
6	Risk of collapse to sides of excavations n.e 1.5m deep	m ²	22		
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	2		
9	Ditto, for internal walls	m ³	1		
	Total Amount Carried to Final Summary				R

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Proposed new Pavilion Shelter at Mantjolo Traditional Council for SAFCOL

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Item	Description	Unit	Qty	Rate	Amount
D	<u>Bill No. 4</u>				
	<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	3		
2	Ditto, for surface bed 85mm thick	m ³	5		
3	Apron, 50mm thick	m ³	4		
	<u>Reinforced concrete cast against excavated surfaces</u>				
4	20Mpa / 20mm stone concrete for strip footings	m ³	5		
	<u>REINFORCEMENT</u>				
	<u>Fabric Reinforcement</u>				
5	Type 193 fabric reinforcement in concrete surface beds, slabs etc	m ²	124		
	<u>CONCRETE SUNDRIES</u>				
	<u>Finishing top surfaces of concrete smooth with a steel trowel: Slab</u>				
6	Surface beds/ topping, slabs, etc.	m ²	118		
	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	119		
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	3 000mm x240mm rise and 300mm threads on stairs built at the bottom of the building towards new constructed toilet	m ²	26		
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	Description	Unit	Qty	Rate	Amount
	Bill No. 5				
E	Superstructure				
	BUILDERS COLUMNS				
	250x240mm builders columns laid on the				
1	Columns with concrete casted inside	No	10		
2	Extra over columns elsewhere	No	3		
3	2 x 115 x 75 mm reinforcement lintels laid in 3,6m laid in front and back of the shelter	No	16		
4	3,6m laid in inside and sides of the shelter	No	10		
	BRICK WORK SANDRIES				
	Brickwork built on top of the lintels (4 lines) with wire roof built to tie the roof structure				
5	One brick wall	m ²	95		
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Item	Description	Unit	Qty	Rate	Amount
	<u>Bill No 6</u> ROOF STRUCTURE 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				
1	IBR roof covering with a 24 degree pitch	m ²	120		
2	Prefabricated roof trusses for the entire bldg . including purlins, bracing and wall plates	m ²	123		
	Trusses				
3	114x38mm SA pine elsewhere including all nails, carbolinium on the eaves of the trusses	m ²	40		
	PURLINS				
4	50 x 76mm SA purlind nailed to the trusses in 900mm c/c to receive IBR roof coverings	m ²	96		
5	Extra over 228x38mm x 6.6m SA pine in the middle of the structure to support internal long span of the roof trusses including nails	m	84		
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Item	Description	Unit	Qty	Rate	Amount
	Amount b/f				R
	<u>CARPENTRY AND JOINERY</u>				
	Plate nailed timber roof truss construction				
4	76mm x 38mm wall plates fixed with 75mm nails at 400mm c/c	m	48		
5	Extra over SA pine nailed to the manufactured roof trusses including nails	No	12		
6	114 x 38mm struts to hangers and rafters	m	130		
7	114 x 38mm bracing	m	101		
8	Extra over purlins nailed up to receive valley and roll top ridges (6,6m SA Pine)	m	96		
	Roof Wire				
9	2,5mm roof wire built in between bricks laid to tie roof trusses	kg	5		
	Plaster work				
	Internal Plaster work				
	15mm thick Wood float finish plaster				
10	Internal walls	m ²	72		
11	External walls	m ²	85		
12	Reveals	m ²	41		
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Item	Description	Unit	Qty	Rate	Amount
	Bill No 7				
	PAINTWORK				
	Paint Work				
	ON INTERNAL WALLS				
	Plaster primer to walls				
1	On internal walls	m ²	15		
2	On External walls	m ²	38		
	Wall finish paint				
5	Two coats of waterproof paint to internal walls	m ²	101		
6	Two coats of waterproof paint to internal walls	m ²	88		
	Undercoat				
	Two coats of undercoat paint applied to all surfaces including filler, cracks and small holes				
7	Columns	No	13		
8	Column bases and heads	No	26		
	Oil finish or equal approved paint applied twice to the owners choice color				
9	Columns	No	13		
10	Column bases and heads	No	26		
11	Two coats of cabolinium on overhangs	m ²	120		
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PAVILION : 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: Super Structure	6	R
F	Bill No. 6: Roof Coverings, trusses, etc.	8	R
G	Bill No.7 : Paint work	9	R
	Amount Carried to Final Summary		R