

Item	Description	Uom	Quantity	Rate	Amount
	GENERAL NOTES				
A	Tenderers are advised to visit the site before tendering and satisfy themselves as to the nature and extent of the works, means of access to the site and availability of working space. No claims will be entertained due to the tenderer having failed to comply with the above tenderer having failed to comply with this conditions.	Notes			
B	The descriptions in the items are given as a guide and to assist Contractors in tendering, but are not necessarily accurate or complete. Contractors must verify the items by personal inspection on the site.	Notes			
	Procedure of work;				
D	The Project Manager reserves the right to direct the order in which the contract will be executed, should circumstances necessitate such action.	Notes			
	Loss by theft, fire or otherwise;				
E	The risk of loss by theft, fire, storm, riot or otherwise of the materials therein shall rest entirely with the Contractor immediately upon the handing over of the site. S/he shall take steps as s/he may deem fit for his own protection against such loss.	Notes			
F	The descriptions in the items are given as a guide and to assist Contractors in tendering, but are not necessarily accurate or complete. Contractors must verify the items by personal inspection on the site.	Notes			
G	The JBCC Series 2000 Principal Building Agreement contract conditions and Preliminaries shall be applicable to this contract	Notes			
	BILL NO.1 : PRELIMINARIES				
1	Contractor's indirect cost on site related to the execution of this work and General Obligation (fixed , value and time related to not exceed 10% of the value for carrying out this work)	Item	1,00		

BUILDING STRUCTURE				
BILL NO.1 : FOUNDATIONS				
EXCAVATION, FILLING, ETC OTHER THAN BULK				
Excavation in earth not exceeding 2m deep:				
1	Trenches.	m ³	28,00	
Extra over trench and hole excavations in earth for excavation in:				
2	Soft rock.	m ³	2,00	
3	Hard rock.	m ³	1,00	
Extra over all excavations for carting away:				
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor.	m ³	9,00	
Risk of collapse of excavations:				
5	Sides of trench and hole excavations not exceeding 1,5m deep.	m ²	80,00	
Keeping excavations free of water:				
6	Keeping excavations free of all water other than subterranean water.	Item	1,00	
Earth filling obtained from the excavations and/or prescribed stock piles on site :				
7	Backfilling to trenches, holes, etc.	m ³	19,00	
Earth filling supplied by the Contractor compacted to 98%:				
8	Under floors, steps, pavings, etc.	m ³	16,00	
SOIL POISONING				
9	Approved brand of anti-termite soil poison applied by a Registered Pest Control company and guaranteed against termite infestation for ten years:			
10	Under floors, etc., including forming and poisoning shallow furrows against foundation walls, etc., filling in furrows and ramming.	m ²	Rate Only	
Carried to Collection				

BILL NO.2 : CONCRETE, FORMWORK AND REINFORCEMENT		
UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES		
15Mpa/19mm Concrete in:		
1	Strip footings.	m ³ 7,00
20Mpa/19mm Concrete in:		
2	Surface beds on waterproofing.	m ³ 4,00
3	Steps, ramps etc	m ³ 2,00
REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES		
FINISHING TOP SURFACE OF CONCRETE		
Finishing top surfaces of concrete smooth with a wood float:		
4	Surface beds, slabs, etc.	m ² 40,00
ROUGH FORMWORK (DEGREE OF ACCURACY II) (CPAP Work Group No 111)		
5	Steps.	m ² 2,00
6	Risers.	m 1,00
REINFORCEMENT (PROVISIONAL) (CPAP Work Group No 114)		
High tensile steel reinforcement to structural concrete work:		
7	REF. 193 fabric reinforcement in concrete surface beds, slabs, etc.	m ² 40,00
Carried to Collection		

	BILL NO.3 : MASONRY			
	BRICKWORK			
	Sizes in descriptions:			
	Where sizes in descriptions are given in brick units, 'one brick' shall represent the length and 'half brick' the width of a brick.			
	BLOCK WALL IN FOUNDATIONS (PROVISIONAL)			
	M6 size 390 x 140 x 190mm high of concrete blocks 7.8Mpa strength laid in Class I mortar			
1	In foundations.	m ²	40,00	
	M6 size 390 x 140 x 190mm high of concrete blocks 7.8Mpa strength laid in Class I mortar			
2	In superstructure	m ²	110,00	
	BRICKWORK SUNDRIES			
	Brickwork reinforcement:			
3	75mm Wide reinforcement built in horizontally.	m	380,00	
4	150mm Wide reinforcement built in horizontally.	m	0,00	
	Prestressed prefabricated lintels:			
5	110 x 75mm Lintels in lengths not exceeding 3m.	m	14,00	
	FIBRE CEMENT WINDOW SILLS:			
	Everite Nutec' fibre cement window sills in single lengths not exceeding 3.6m bedded in class 1 cement mortar including fixing lugs screwed to underside with self tapping screws :			
6	15 x 150mm Wide sills set sloping and slightly projecting.	m	4,00	
	Carried to collection			

BILL NO.4 : WATERPROOFING

DAMP-PROOFING OF WALLS AND FLOORS

**One layer of 375 micron Consol Plastics
Brikgrip DPC embossed damp proof course:**

1	In walls.	m ²	2,00	
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**One layer of 250 micron Consol Plastics
Gunplas USB Green waterproof sheeting
sealed at laps with Gunplas Pressure
Sensitive Tape:**

2	Under surface beds.	m ²	41,00	
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Carried to collection

BILL NO.5 : ROOF COVERINGS

CORRUGATED METAL SHEETING AND ACCESSORIES (CPAP Work Group No 124)

0.4mm IBR profile sheeting

1	Roof covering with pitch not exceeding 25 degrees.	m ²	52,00
2	Ridge capping to match the roof covering colour.	m	7,20

Carried to collection

BILL NO.6 : CARPENTRY AND JOINERY		
PREFABRICATED ROOF TRUSSES, ETC.		
Plate nailed timber roof truss construction:		
Sawn softwood:		
1	38 x 114mm Wall plates.	m 13,00
2	38 x 114mm Rafters.	m 7,00
3	50 x 76mm Cross bracing.(Provisional)	m 14,00
4	50 x 76mm Purlins.	m 72,00
5	50 x 76mm Splay cut purlins.	m 12,00
6	Gangnail truss, 6080mm span x 1215mm high overall with 300mm eaves overhang projection on both sides.	No. 7,00
ROOF SUNDRIES		
Sundries:		
7	4mm Diameter roof tie 1.5m girth bent double with one end fixed to timber and other end built into brickwork 8 courses .	No. 14,00
EAVES, VERGES, ETC		
Everite PVC' barge boards:		
9	80 x 200mm Socketless barge board , joined with PVC H profile joiners and screwed to sprocket ends.	m 14,00
Everite FC77 pressed fibre-cement:		
10	15 x 225mm Fascias including galvanised steel H-profile jointing strips fixed to rafterfeet.	m 14,00
FRAMED DOORS ETC		
Wrought meranti doors:		
13	44x90mm Wrought meranti framed framing. Brought Forward	m 20,00
14	44mm Framed ledged and braced batten double door 1626 x 2032mm high high with fanlight.	No. 2,00
Carried Forward		

BILL NO.7 : CEILINGS PARTITIONS AND ACCESS FLOORING			
NAILED UP AND SCREW UP CEILINGS (CPAP Work Group No 126)			
6.4mm "Rhino" gypsum plasterboard			
1	Horizontal ceilings including 38 x 38mm sawn softwood brading at 450mm centres	m ²	40,00
2	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 5mm sawn softwood cross brander covered with ceiling board and fitted flush in opening.	No.	1,00
DECORATIVE MOULDINGS AND CORNICES (CPAP Work Group No 126)			
Rhino' Moulded Gypsum Cornices:			
3	75mm Coved cornice.	m	52,00
Carried to collection			

BILL NO. 8 : IRONMONGERY			
IRONMONGERY			
SUPPLEMENTARY PREAMBLES			
Finishes to ironmongery:			
HINGES, FLOOR SPRING HINGES, BOLTS, PANIC BOLTS, ETC			
Solid:			
1	110mm Brass hinge with nylon washers.	No.	8,00
CATCHES, CABIN HOOKS, ETC			
LOCKS			
Solid:			
5	Two lever rebated lockset.	No.	4,00
SUNDRIES			
8	32 mm Diameter black rubber door stop plugged to concrete floor.	No.	4,00
Carried to collection			

BILL NO.9 : METALWORK			
GALVANISED STEEL WINDOWS, DOORS, ETC.			
2	Prices for windows and doors are to include for pointing all round windows externally with silicone after building in.		
<u>Standard domestic windows :</u>			
3	Window type C2H steel window frame size 533 x 949mm high (6 lights)	No.	4,00
Carried to collection			

BILL NO.10 : PLASTERING		
GRANOLITHIC		
Untinted granolithic on concrete:		
1	20mm Thick on floors.	m ² 40,00
2	15mm Thick on treads and risers of stairs.	m ² 1,00
3	PLASTER	
Cement plaster on brickwork:		
4	On internal walls.	m ² 98,00
5	In narrow widths.	m ² 2,00
6	On external wall	m ² 68,00
Carried to Collection		

BILL NO.11 : TILING		
CERAMIC FLOOR TILING		
Prepare surface and apply adhesive cement mortar and lay approximately 300 x 300mm ceramic floor tiles including grouting of tiles and cleaning of the finished work		
1	On floors	m ² 40,00
2	On stairs	m ² 2,00
<u>Sundries</u>		
Alluminium edging strip;		
3	On extl coners/angles	m 8,00
CARRIED COLLECTION		

BILL NO.12 : PLUMBING AND DRAINAGE			
RAINWATER DISPOSAL			
Watertite' Marley UPVC Gutter:			
1	100 x 75mm Eaves gutters.	m	14,00
2	Extra over 100mm eaves gutter for stopped end.	No.	4,00
3	Extra over 100mm eaves gutter for outlet for 75mm pipe.	No.	2,00
4	75mm Rainwater pipes fixed to walls with wall plugs to empty into rainwater tanks	m	14,00
5	Extra over 75mm rain water pipe for 90° bends	No	4,00
6	Extra over 75mm rain water pipe for shoes	no	2,00
CARRIED TO COLLECTION			

BILL NO.13 : GLAZING

GLAZING TO STEEL WITH PUTTY

4 mm Clear float glass:

1	Panes exceeding n.e. 0,1m ²	m ²	2,00
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CARRIED TO COLLECTION

BILL NO.14 : PAINTWORK		
ON FLOATED PLASTER		
Prepare surfaces and remove all loose material, apply one coat 'Plascon Merit Plaster Primer' and two coats 'Plascon Polvin Super Acrylic' paint:		
1	On interior walls.	m ² 98,00
	On exterior walls	m ² 68,00
ON PLASTER BOARD		
Prepare surfaces and remove all loose material, apply one coat 'Plascon Merit Plaster Primer' and two coats 'Plascon Professional Copolymer Acrylic' paint:		
2	On ceilings and cornices.	m ² 40,00
ON METAL		
3	On windows (both sides measured).	m ² 8,00
4	On roof sheeting	m ² 52,00
ON WOOD, WOOD BOARD		
Stop, sand down and prepare wood surfaces and apply three coats 'Plascon Woodcare' high gloss clear varnish:		
5	On exterior doors.	m ² 8,00
6	On exterior door frames.	m ² 2,00
Stop, fill, sand down and prepare wood surfaces and apply one coat 'Plascon Oil Wood Primer', one coat 'Plascon Merit Universal Undercoat' and two coats 'Plascon Super Universal Enamel' paint:		
7	On interior doors.	m ² 16,00
CARRIED TO COLLECTION		

Bill No 15; EXTERNAL WORKS		
EXTERNAL WORK (Provisional)		
BULK EXCAVATION		
Open face excavation in earth over sloping site:		
1	Open face excavation.	m ³ 30,00
Extra over bulk excavation in earth for excavation in:		
2	Soft rock.	m ³ 3,00
3	Hard rock.	m ³ Rate Only
CARTING AWAY/SPREADING ON SITE.		
Extra over all excavations for spreading on site surplus excavated material (no allowance made for increase in bulk):		
4	Off site to a dumping site to be found by the Contractor.	m ³ 35,00
SITE CLEARANCE, ETC.		
Site clearance, etc.:		
Allow for clearing the area of the site to be built upon of all grass, weeds, shrubs, trees with trunks not exceeding 200mm girth, debris, etc., including grubbing up all roots, scoffling up as required and cart away all vegetation and debris.		
5		m ² 100,00
UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES		
20Mpa/19mm Concrete		
6	600mm wide x 50mm thick Apron cast in panels.	m ³ 2,00
7	Rough formwork (degree of accuracy II) to sides not exceeding 300mm wide	m 34,00
CARRIED FORWARD		

BROUGHT FORWARD			
WATER STORAGE TANKS			
Note: Rainwater tanks shall be without welded seams and of one piece moulded construction.			
2 500 Litre Polypropolene rotomoulded rainwater tank and fixing to tankstand (elsewhere) with 4mm galvanised wire approximately 10m long complete with 15mm brass tap with handle suitable for padlocklang.			
8	No.	1,00	
9	No.	2,00	
1500 x 1500mm approximately 400mm high above the natural ground level tank stand built in 230mm SABS approved concrete brick wall with brickforce in each an every course on 15MPa 400mm wide x 200mm thick concrete footing casted against excavated suitable soil condition surf tr. n.e. 2m dp tank stand filled up with imprted filling material compacted in 100mm layers to 98% Mod. AASHTO maximum density with 1800 x 1800mm x 100mm thick 20MPa concrete slab reinforced with Ref 195 mesh wire.			
10	No	1,00	
CARRIED TO COLLETION			

<u>SECTION B</u>			
<u>COMMUNITY HALL COLLECTION</u>			
1	Bill No. 1 : Foundation		
2	Bill No. 2 : Conc, Formwork, Reinforcement		
3	Bill No. 3 : Masonry		
4	Bill No. 4 : Waterproofing		
5	Bill No. 5 : Roof Covering		
6	Bill No. 6 : Carpentry & Joinery		
7	Bill No. 7 : Ceiling Partition & Access Flooring		
8	Bill No. 8 : Iron Mongery		
9	Bill No. 9 : Metal Works		
10	Bill No. 10 : Plastering		
11	Bill No. 11 : Tiling		
12	Bill No. 12 : Plumbing & Drainage		
13	Bill No. 13 : Glazing		
14	Bill No. : 14 : Paint Works		
15	Bill No. 15 : External Works		
CARRIEN TO SUMMARY			

BILL NO.18 : PROVISIONAL SUMS					
ELECTRICAL INSTALLATION					
Electrical installation:					
1	Provide the amount of R 5,000.00 (Five Thousand Rands) for Electrical Installation.	Item	1,00	R 5 000,00	R 5 000,00
	Profit on above item.....%	Item	1,00		
	Attendance on ditto.....%	Item	1,00		
CARRIED TO SUMMARY					

<u>FINAL SUMMARY</u>				
Preliminaries & Generals				
Building Structure				
Provisional Sum				
SUB TOTAL 1				
Allow monetary provisions to be omitted from the contract sum and used as directed by Project Manager as <u>CONTINGENCY SUM @ 5% OF SUBTOTAL 1</u>				
SUB TOTAL 2				
ADD VAT @ 15% OF SUB TOTAL 2				
TOTAL SUM CARRIED TO FORM OF OFFER				