SECTION 1: PRELIMINARY & GENERAL

Item No	Ref	Description	Unit	Quantity	Rate	Amount
1	SANS 1200	PRELIMINARY AND GENERAL				
1,1	3	Materials				
1,2	8,3	Scheduled Fixed-Charge and Value-Related Items				
1.2.1	8.3.1	Contractual Requirements	Sum	1	R -	R -
		Provision for the site facilities:				
1.2.2	8.3.2.1	a) Facilities for the Engineer	Sum	1	R -	R -
1.2.3	8.3.2.2	b) Facilities for the Contractor	Sum	1	R -	R -
1.2.4	8.3.3	General reponsibilities and other fixed charge obligations	Sum	1	R -	R -
1.2.5	8.3.4	Removal of site establishment on completion	Sum	1	R -	R -
1.2.6	PSAA2	Compliance with the OHS Act regulations	Sum	1	R -	R -
1.2.7	PSAA3	Allowance for Health and Safety Officer	Sum	1	R -	R -
1,3	8.4	SCHEDULED TIME-RELATED ITEMS			N .	-
1.3.1	8.4.1	Contractual requirements	Sum	1		
		·			R -	R -
1.3.2	8.4.2	Occupation and maintanance of the site facilities	Sum	1	-	R -
1.3.3	8.4.2.1	a) Facilities required by the Engineer	Sum	1	R -	R -
1.3.4	8.4.2.2	b) Facilities required by the Contractor	Sum	1	R -	R -
1.3.5	8.4.2.3	General responsibilities and other time related abligations	Sum	1	R -	R -
1,4		SUMS STATED PROVISIONALLY BY THE ENGINEER				
1.4.1	PSAA4	Additional Tests required by engineer	Prov. Sum	1	R -	R -
		COMMUNITY LIASON OFFICER				
1.4.2	PSAA5	Employment of CLO for the duration of the Contract	Prov. Sum	1	R -	R -
1.4.3		Contractors markup on the above	%	R -	10%	R -
1.4.4	PSAA5	Allow for Airtime to the Engineers site Personnel for the duration of the Contract	Prov. Sum	1	R -	R -
1.4.5		Percetange adjustment to Engineer's Site Representitives above.	%	R -	10%	R -
1.4.6	PSAA 10		Prov. Sum	1		
		Employent of PSC for the duration of the contract (5No at R150pm each)			R -	R -
1.4.7		Contractors markup on the above	%	R -	10%	R -
1.4.8	PSAA 11	Allow for ground water source development	Prov. Sum	1	R -	R -
1.4.9		Percentage for ground water source development above	%	R -	10%	R -
1.4.10		pump station, electrical connection, air valves, scour valves, non return valves				
1.4.11	PSAA 12	Allow for 3 Phase Power supply from Eskom	Prov. Sum	1	R -	R -
1.4.12		Percentage for 3 Phase electric power supply	%	R -	10%	R -
1.4.13	PSAA 13	Allow for training of local labour by an accredited agent	Prov. Sum	1	R -	R -
1.4.14		Percentage adjustment accredited training	%	R -	10%	R -
1.4.15	PSAA 14	Allow experiencial for Civil Engineering Students (No. 2)	Prov. Sum	1	R -	R -
1.4.16		Percentage adjustment for Civil Engineering Student	%	R -	10%	R -
1.4.17	PSAA 15	Allowance for services of an Occupational Health and Safety Agent for the duration of the Contract	Prov. Sum	1	R -	R -
1.4.18		Percentage for Health and Safety Agent	%	R -	10%	R -
1,5	8.7	Dayworks.				
1.5.1		Foreman	hr	170	R -	R -
1.5.2		Skilled	hr	65	R -	R -
1.5.3		Semi-skilled	hr	50	R -	R -
1.5.4		Unskilled	hr	35	R -	R -
		Total Carried Forward To Summary				
	R -					

SECTION 2 - COMMUNITY HALL

NTIBANE FARM PRE-SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
1	BILL NO. 1 EARTHWORKS				
	SITE CLEARANCE ETC				
	Site clearance				
1,1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	804,16		R -
	BULK EXCAVATION, FILLING, ETC				
	Excavation in earth not exceeding 2m deep				2
1,2	In bulk excavation	m3	18,22		R - R -
	Extra over all excavations for carting away				
1,3	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor	m3	3,73		R -
	Earth filling supplied by the contractor, compacted to 95% Mod AASHTO density				
1,4	G5 Filling	m3	5,70		R - R -
	EXCAVATION, FILLING, ETC				-
	Excavation in earth not exceeding 2m deep				
1,5	Trenches	m3	20,84		R -
1,5	Columns	m3	1,30		R -
	Risk of collapse of excavations				
1,6	Sides of trench and hole excavations not exceeding 1.5m deep	m2	138,96		R -
	Keeping excavations free of water				
1,7	Keeping excavations free of water	Item	1,00		R -
	G6 filling obtained from stockpiles on-site compacted to 95% Mod AASHTO density				
1,8	Filling to trenches, holes, etc.	m3	7,80		R -
1,9	Under surface beds, etc	m3	4,60		R -
	Compaction of surfaces				
1,10	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	70,78		R -
	Prescribed density tests on filling				
1,11	Modified AASHTO Density test	No	10,00		R -
	SOIL POISONING				
	Soil insecticide				
1,12	On sides of trench excavations	m2	115,20		R -
	Under floors etc including forming and poisoning shallow furrows against foundation				R -
1,13	walls etc, filling in furrows and ramming	m2	34,74		R -
	CARRIED TO SUMMARY PAGE				R -
2	BILL NO. 2 CONCRETE, FORMWORK AND REINFORCEMENT				
	CONCRETE, FORMWORK AND REINFORCEMENT				
	REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	25MPa/19mm concrete.:				
2,1	Strip footings	m3	42,84		R -

	REINFORCED CONCRETE				I
	25MPa/19mm concrete				
2,2	Surface beds cast in panels on waterproofing	m3	47.05	R	_
2,3	Apron Slabs	m3	47,85 39,83	R	
2,4	Ramps	m3	6,44	R	_
2,5	Columns	m3	5,19	R	_
2,6	Flat Roof	m3	8,70	R	_
	TEST BLOCKS				
	Test blocks				
2,7	Making and testing 150 x 150 x 150mm concrete strength test cube	Sets	10,00	R	-
	CONCRETE SUNDRIES		10,00		
	Finishing top surfaces of concrete smooth with a wood float				
2,8	Surface beds, slabs, etc to falls	m2		R	_
2,0		2	804,16		
	FORMWORK			_	
2,9	To Sides of Apron Slab	m	132,96	R	-
2,10	To Sides of ramp	m2	21,47	R	-
2,11	Columns (Smooth)	m2	12,96	R	-
	REINFORCEMENT (PROVISIONAL)				
2.42	High tensile steel reinforcement to structural concrete work in all diameters				
2,12	Strip footings	t	4,90	R	-
	Fabric reinforcement				
2,13	Mesh Ref 311 fabric reinforcement	m2	710,60	R	-
	CARRIED TO SUMMARY PAGE			R	-
3	CARRIED TO SUMMARY PAGE BILL NO. 3 MASONRY			R	-
3				R	-
3	BILL NO. 3 MASONRY			R	-
3	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS			R	-
	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar				-
3,1	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS	m2	19,66	R R	-
	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar	m2 m2	19,66 33,66		-
3,1	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls			R	-
3,1	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations			R	-
3,1	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II		33,66	R	-
3,1 3,2	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar 110mm Half brick walls	m2 m2		R R	-
3,1	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar	m2	33,66	R R	-
3,1 3,2	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar 110mm Half brick walls	m2 m2	33,66 106,93	R R	-
3,1 3,2 3,3 34	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar 110mm Half brick walls 220mm One brick walls	m2 m2 m2	33,66 106,93 1 946,66	R R R	-
3,1 3,2 3,3 34	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar 110mm Half brick walls 220mm One brick walls	m2 m2 m2	33,66 106,93 1 946,66	R R R	-
3,1 3,2 3,3 34	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar 110mm Half brick walls 220mm One brick walls 220mm One brick walls in beamfilling BRICKWORK SUNDRIES	m2 m2 m2	33,66 106,93 1 946,66	R R R	-
3,1 3,2 3,3 34 3,5	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar 110mm Half brick walls 220mm One brick walls 220mm One brick walls in beamfilling BRICKWORK SUNDRIES Brickwork reinforcement 2.80mm thick	m2 m2 m2	33,66 106,93 1946,66 107,94	R R R	
3,1 3,2 3,3 34 3,5	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar 110mm Half brick walls 220mm One brick walls 220mm One brick walls BRICKWORK SUNDRIES Brickwork reinforcement 2.80mm thick 75mm Wide reinforcement built in horizontally	m2 m2 m2	33,66 106,93 1 946,66 107,94	R R R	
3,1 3,2 3,3 34 3,5	BILL NO. 3 MASONRY MASONRY BRICKWORK FOUNDATIONS Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar 110mm Half brick walls 220mm One brick walls in foundations SUPERSTRUCTURE Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar 110mm Half brick walls 220mm One brick walls 220mm One brick walls in beamfilling BRICKWORK SUNDRIES Brickwork reinforcement 2.80mm thick 75mm Wide reinforcement built in horizontally	m2 m2 m2	33,66 106,93 1 946,66 107,94	R R R	

	Galvanised wire ties, etc				
3,9	4mm Diameter double strand galvanised roof anchor built in 500mm minimum	No		R	_
			1 500,00		
	FACE BRICKWORK				
	Approved FBS face bricks in stretcher bond (P.C Sum R???/1000 bricks) jointed in Class I mortar and pointed with recessed vertical and recessed horizontal joints				
3,10	Extra over brickwork in NFP bricks for face brickwork	m2	510,00	R	-
	Extra over brickwork for brick-on-edge header course lintel pointed on face and 110mm				
3,11	soffit	m	107,80	R	-
3,12	220mm Wide sills set sloping and slightly projecting	m	20,70	R	-
	CARRIED TO SUMMARY PAGE			R	-
	BILL NO. 4 WATERPROOFIG				
	WATERPROOFING				
	DAMPPROOFING OF WALLS AND FLOORS				
	One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course				
4,1	In walls	m2	995,88	R	-
	Totch on membrane waterproofing				
4,2	Flat Roof	m2	56,70	R	-
	One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting				
	sealed at laps with "Gunplas Pressure Sensitive Tape"				
4,3	Under surface beds	m2	710,60	R	-
	CARRIED TO SUMMARY PAGE			R	-
5	BILL NO. 5 ROOF COVERINGS, ETC				
	ROOF COVERINGS, ETC				
	PROFILED METAL SHEETING AND ACCESSORIES				
	Chromadek IBR Roof Sheeting interlocking roof sheeting, fixed to timber purlins at 1000 mm centres using using,roof flashing and accessories, all in accordance with manufacturers recommendations				
5,1	Roof covering with pitch not exceeding 30 degrees	m2	886,00	R	-
5,2	Ridge capping 462mm girth three times bend along girth	m	35,90	R	-
	ROOF AND WALL INSULATION				
	Aerolite Glasswool 50mm insulation				
	Insulation laid horizontal on top of timber rafters (at maximum 1200mm centres) and				
5,3	fixed concurrent with roof covering including galvanised steel straining wires as per manufacturer's recommendation	m2	804,16	R	-
	CARRIED TO SUMMARY PAGE			R	_
6	BILL NO. 6 CARPENTRY AND JOINERY				
	Joinery				
	Fixing				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete				
	ROOFS ETC				
6,1	Roof construction for flat roofs approximately +/-78 m² overall on Walkways	No	1,00	R	-
	EAVES, VERGES, ETC				
	High density plain fibre-cement fascias				
6,2	$220\mathrm{x}15$ mm Thick fascia and barge boards, including aluminium H-profile joiners	m	132,96	R	-
	DOORS ETC				
	Hollow core internal door				
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6,3	2032 x 830mm	No	4,00	R	-
	COUNTER TOPS				
	As per clients approval				
6,4	Kitchen counter tops as per the drawings	sum	1,00	R	-
	CARRIED TO SUMMARY PAGE			R	-
7	BILL NO. 7 CEILINGS, PARTITIONS AND ACCESS FLOORING				
	CEILINGS, PARTITIONS AND ACCESS FLOORING				
	NAILED UP CEILINGS				
	4mm "Everite Nutec" fibre-cement ceiling boards fixed with 32mm galvanised clout nails at 150mm centres and 25x3.5mm dry wood screws at 600mm centres for additional support with pre-painted H-type pressed steel jointing strips all in strict accordance with the manufacturer's specifications				
7,1	Ceilings including 38 x 38mm sawn softwood brandering at 400mm centres fixed to timber rafters	m2	710,60	R	-
7,2	Extra over ceiling for $600 \times 600 \text{mm}$ trap door of $38 \times 38 \text{mm}$ wrought softwood rebated framing with one $38 \times 38 \text{mm}$ sawn softwood cross brander covered with ceiling board and fitted flush with opening	No	3,00	R	-
	CORNICE				
	NMC decorative mouldings nomastyl A2 extruded styrene cornice plugged to wall in accordance to manufacturers specifications				
7,3	75mm Coved Cornice	m	148,00	R	-
	CARRIED TO SUMMARY PAGE			R	-
8	BILL NO. 8 IRONMONGERY				
	IRONMONGERY				
	UNIONE POLTE FTE				
	HINGES, BOLTS, ETC				
8,1	102 x 75 x 3mm Dorma DBB-SS-009 stainless steel two ball bearing hinge.	No	24,00	R	-
8,2	WC Indicator bolt	No	Rate Only	R	-
	LOCKS				
8,3	Three lever lockset	No	4,00	R	-
	CATCHES, CABIN HOOKS, ETC				
8,4	Floor Mounted Door Holder (Satin Chrome on Brass) code: 401	No	18,00	R	-
	PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC				
	Parrot Pinningboards				
8,5	Wall mounted carpet pinning board, overall size 1000 x 1200mm high, complete with aluminium frame, fixing components and secured to brickwork	No	2,00	R	-
	SIGNS				
8,6	Signs	sum	1,00	R	-
	CARRIED TO SUMMARY PAGE			R	-
9	BILL NO. 9 METALWORK				
	METALWORK				
	Finishes				
	Final product shall be free from all sharp edges.				
	PRESSED STEEL DOOR FRAMES WITH FACTORY APPLIED RED OXIDE COATING				
	1,2mm Double rebated frames suitable for half brick walls including 2 x 100mm loose pin hinges and adjustable chrome striking plate				
9,1	Frame for door 813 x 2032mm high (D3)	No	4,00	R	-
	ALUMINIUM WINDOWS, DOORS, ETC				

			i i	Ì	1
9,2	Window size 900 x 2000mm high W1	No	6,00	R	-
9,3	Window size 900 x 2000mm high W5	No	6,00	R	-
9,4	Window size 500 x 900mm high W2	No	8,00	R	-
9,5	Standard Double Door 1800 x 2000 high D1	No	3,00	R	-
9,6	Standard Double Door 1800 x 2000 high D2	No	4,00	R	_
	CARRIED TO SUMMARY PAGE		,,50	R	_
10	BILL NO. 10 PLASTERING				
10	PLASTERING				
	INTERNAL PLASTER				
40.4	One coat cement plaster on brickwork				
10,1	On walls	m2	1 250,64	R	-
10,2	On narrow widths	m2	23,48	R	-
10,3	Verandah	m2	22,00	R	-
	CARRIED TO SUMMARY PAGE			R	-
11	BILL NO. 11 TILING				
	TILING				
	Grouting joints				
	Joints to be 3mm width in floor tiles and 4mm width in wall tiles				
	WALL TILES				
	Wall tiles with 6mm joints continuous in both directions with TAL adhesive (PC Sum				
	R100.00/m²), including all cutting and waste				
11,1	On walls	m2	64,80	R	-
11,2	On Splashbacks	m2	Rate Only	R	-
	FLOOR TILING				
	Non -slip Porcelain floor tiles with 6mm joints continuous in both directions with TAL adhesive (PC Sum R200.00/m²), including all cutting and waste				
11,3	On Floors	m2	710,60	R	-
11,4	85mm Skirting	m	147,41	R	-
	CORNER PROTECTORS, DIVIDING STRIPS, ETC				
	M-Trim				
11,5	Aluminium straight edge trim ASE080	m	36,00	R	-
	CARRIED TO SUMMARY PAGE			R	_
12	BILL NO. 12 PLUMBING & DRAINAGE (PROVISIONAL)				
	PLUMBING				
	DRAINAGE				
	SOIL DRAINAGE				
	Rigid PVC Socketed Soil Piping (SABS 791) With Bedding And Filling As Laid Out In SABS 1200 LB - Bedding Flexible Pipes, Backfilling With Excavated Material				
12,1	160mm Pipes laid in and including trenches not exceeding 1m deep	m	30,00	R	-
1,2	160mm Pipes laid in and including trenches exceeding 1m not exceeding 2m deep	m	Rate only	R	-
12,3	160mm Pipes vertically or ramped to cleaning eyes, etc (no excavation)	m	20,00	R	-
12,4	160mm Diameter piping fixed to duct walls	m	45.00	R	-
			15,00		

12.5 Jackmon Acteors bound 2.6 Jackmon Acteors bound 2.6 Jackmon Acteors Jackmon 2.6 Jackmon Jackmon 2.6 Jackmon Jackmon 2.7 Jackmon Acteors Jackmon 2.7 Jackmon Acteors Jackmon 2.7 Jackm	l	Extra over uPVC class 34 pipes for fittings				
12.5 24cms Junction 16.5	12,5	160mm Access bend	No	10.00	R	_
12.0 13/mm Access junctions 12.0 12.0 13/mm Access junctions 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	12.6	160mm Junction	No		R	_
universe continued 11.2. Informar 4.6 Diagram with Cubaning eye with and including 100 is 100 mm 1500 mm 12.00						
12.06 1.00	12,7		140	7,00		
Semple, guillier, catchylis inspection chambers, etc. (guillings and covers shawhars) 1.3.00						
12.23 130mm PVC galley not exceeding 200mm deep with pric and concrete galley top 410 x foo food 150mm high complete Standing No. 155mm high complete Standing No. 150mm high complete Installation of all anothery fittings, where helps of piping, communities etc. except for free issue literature must only allow for complete installation of all anothery fittings, where helps of piping, communities etc. except for free issue literature must only allow for complete installation of all anothery fittings, where the piped of piping, communities etc. except for free issue literature must only allow for complete installation of all anothery fittings, where the piped of piped complete installation of all anothery fittings, where the object of the piped not complete installation of all anothery standings and dishim, washes, packets, bask mis, specified traps, connection pipe lengths and other than some where the piped of the piped not complete high piped and connection of all new piped piped not have been piped for the piped not connected to the piped not complete to the latest piped piped with pipe and connection of all new piped piped not have been piped for the piped not connected to the section of the piped not connected to the section of the piped not connected to the section of the piped piped not have been piped not and selection to all new piped proof and of all new piped proof and of all new piped proof and all new piped proof and all new piped piped not have been piped piped not be and the new p	12,8		No	3,00	R	-
2.0.0 - Stormingly complete 2.0.0 - Stormingly complete 2.0.0 - Stormingly complete 2.0.1 - Storming into existing Liforms with the for connecting Liforms distinction and patters 2.1.1 - Storm profite altuminism patters 2.1.1 - Storm pattern profite altuminism pattern 2.1.1 - Storm pattern profite pattern p		Sumps, gullies, catchpits inspection chambers, etc. (gratings and covers elsewhere)				
Sandries 12.10 Catting into existing 160mm unifor time for connecting 110mm diameter unifor pipes 12.21 Squire profile alternitum patters 12.22 (again profile alternitum patters 12.23 (again profile alternitum boverpipes 14. 16,60 R 1.00 R	12,9		No	6.00	R	-
12.12 Squee profile alturninium gotters 12.12 Squee profile alturninium Downpipes M 16,00 R - 12.13 Testing sold drainage system 12.14 Squee profile alturninium gotters 12.15 Squee profile alturninium gotters 12.16 Squee profile alturninium gotters 12.17 Squee profile alturninium gotters 12.18 Squee profile alturninium gotters 12.19 Squee profile alturninium gotters 12.19 Squee profile alturninium gotters 12.10 Squee profile alturninium gotters 12.10 Squee profile alturninium gotters 12.11 Squee profile alturninium gotters 12.12 Squee profile alturninium gotters 12.13 Squee profile alturninium gotters 12.14 Squee profile alturninium gotters 12.15 Squee profile alturninium gotters 12.16 Squeez profile alturninium gotters 12.17 Squeez profile alturninium gotters 12.18 Squeez profile alturninium gotters 12.19 Squeez profile alturninium gotters 12.10 Squeez profile alturninium gotters 12.10 Squeez profile alturninium gotters 12.10 Squeez profile alturninium gotters 12.11 Squeez profile alturninium gotters 12.12 Squeez profile alturninium gotters 12.13 Squeez profile alturninium gotters 12.14 Squeez profile alturninium gotters 12.15 Squeez profile alturninium gotters 12.16 Squeez profile alturninium gotters 12.17 Squeez profile alturninium gotters 12.18 Squeez profile alturninium gotters 12.18 Squeez profile alturninium gotters 12.19 Squeez profile alturninium gotters 12.10 Squeez profile alturninium gotters 12.10 Squeez profile alturninium gotters 12.11 Squeez profile alturninium gotters 12.12 Squeez profile alturninium gotters 12.12 Squeez profile alturninium gotters 12.13 Squeez profile alturninium gotters 12.14 Squeez profile alturninium gotters 12.15 Squeez profile alturninium got				6,00		
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12,20 75mm HDPE pipe m 30,00 R -		WATER SUPPLIES				
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12,21	75mm Pipes laid in trenches not exceeding 1m deep	m		R	_
12,21	- '		30,00		
	Extra over uPVC pipes for fittings				
12,22	75mm Bend	No	15,00	R	-
12,23	75mm Tee junction	No	6,00	R	-
	Sundries				
12,24	Testing water system	No	1,00	R	-
	FIRE APPLIANCES ETC				
	Chubb				
12,25	4.5kg DCP fire extinguisher	No	5,00	R	-
12,26	Everyway hose reel complete with 35m rubber hose, chromium plated stopcock, shut- off nozzle and wall bracket	No	2,00	R	-
12,27	Allow for testing all drains, sanitary plumbing and water supplies to the satisfaction of the Architect and to Municipal requirements. All defective work is to be taken out and replaced at the Contractor's expense.	Item	1,00	R	-
	CARRIED TO SUMMARY PAGE			R	-
13	BILL NO. 13 PAINTWORK				
	PAINTWORK				
	NOTE: Tenderers are advised to study the Model Preambles for Trades 2008 before pricing this bill				
	PAINTWORK, ETC. TO NEW WORK				
	ON FLOATED PLASTER				
	One coat "Plascon" alkaline resistant primer, one coat "Plascon" universal undercoat and two coats "Plascon" wall & all paint applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
13,1	On internal walls	m2	1 250,64	R	-
	ON PLASTER BOARD				
	One coat "Plascon" professional plaster primer (PP700) and two coats "Plascon" professional super matt (PEM900) applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
13,2	On internal ceilings and cornices	m2	885,19	R	-
	ON WOOD				
	Three coats "Plascon" clear external varnish applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
13,3	On doors	m2	3,25	R	-
	One coat "Plascon" wood primer, one coat "Plascon" universal under coat and two coats "Plascon" gloss enamel paint applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
13,4	On doors	m2	15,08	R	-
	One coat "Plascon" plascogaurd 40 universal epoxy primer (PEX40) and two coats "Plascon" wall & all (WAA 1) applied in strict accordance with manufacturer's instructions				
13,5	On roof timbers at eaves and verges	m2	170,87	R	-
13,6	19 x 75mm Timber skirting	m	Rate only	R	-
	ON METAL				
	Prepare and apply two coats "Plascon" professional egg shell enamel (PSB 700) paint applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
13,7	On internal door frames	m2	12,80	R	-
	CARRIED TO SUMMARY PAGE			R	-
Bill	SUMMARY PAGE				
			•		

Total ca	rried to summary		R	-
13	BILL NO. 13 PAINTWORK		R	-
12	BILL NO. 12 PLUMBING & DRAINAGE (PROVISIONAL)		R	-
11	BILL NO. 11 TILING		R	-
10	BILL NO. 10 PLASTERING		R	-
9	BILL NO. 9 METALWORK		R	-
8	BILL NO. 8 IRONMONGERY		R	-
7	BILL NO. 7 CEILINGS, PARTITIONS AND ACCESS FLOORING		R	-
6	BILL NO. 6 CARPENTRY AND JOINERY		R	-
5	BILL NO. 5 ROOF COVERINGS, ETC		R	-
4	BILL NO. 4 WATERPROOFIG		R	-
3	BILL NO. 3 MASONRY		R	-
2	BILL NO. 2 CONCRETE, FORMWORK AND REINFORCEMENT		R	-
1	BILL NO. 1 EARTHWORKS		R	-

SECTION 3- ABLUTIONS BLOCK NTIBANE FARM PRE-SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
	BILL NO. 1 EARTHWORKS				
	SITE CLEARANCE ETC				
	Site clearance				
1,1		m2	89,24		R -
	BULK EXCAVATION, FILLING, ETC				
	Excavation in earth not exceeding 2m deep				
1,2	In bulk excavation	m3	3,60		R - R -
	Extra over all excavations for carting away				
	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the Contractor	m3	1,90		R -
	Earth filling supplied by the contractor, compacted to 95% Mod AASHTO density				
1,4	G5 Filling	m3	1,90		R -
	EXCAVATION, FILLING, ETC				
	Excavation in earth not exceeding 2m deep				
1,5	Trenches	m3	7,66		R -
	Risk of collapse of excavations			1	
1,6	Sides of trench and hole excavations not exceeding 1.5m deep	m2	22,21		R -
	Keeping excavations free of water				
1,7	Keeping excavations free of water	Item	1,00		R -
	G6 filling obtained from stockpiles on-site compacted to 95% Mod AASHTO density				
1,8	Filling to trenches, holes, etc.	m3	3,60		R -
1,9	Under surface beds, etc	m3	2,20		R -
	Compaction of surfaces				
1,10	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking	m2	25,54		R -
	Prescribed density tests on filling				
1,11	Modified AASHTO Density test	No	4,00		R -
	SOIL POISONING				
	Soil insecticide				
1,12	On sides of trench excavations	m2	72,08		R - R -
	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	37,04		R -
	CARRIED TO SUMMARY PAGE				R -
2	BILL NO. 2 CONCRETE, FORMWORK AND REINFORCEMENT				
	CONCRETE, FORMWORK AND REINFORCEMENT				
	REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES				
	25MPa/19mm concrete.:				
2,1	Strip footings	m3	28,64		R -
	REINFORCED CONCRETE				
	25MPa/19mm concrete				
2,2	Surface beds cast in panels on waterproofing	m3	42,59		R -
2,3	Apron Slabs and Walkways	m3	14,44		R -
2,4	Ramps	m3	0,30		R -
	TEST BLOCKS				
	Test blocks				
2,5	Making and testing 150 x 150 x 150mm concrete strength test cube	Sets	4,00		R -
	•	•		•	•

I	CONCRETE SUNDRIES		1	İ	
	Finishing top surfaces of concrete smooth with a wood float				
2,6	Surface beds, slabs, etc to falls	m2	72,08	R R	-
	FORMWORK		,		
2,7	To Sides of Apron Slab	m	37,01	R	_
2,8	To Sides of ramp	m2	4,10	R	
2,0	REINFORCEMENT (PROVISIONAL)	III Z	4,10	N .	
	High tensile steel reinforcement to structural concrete work in all diameters				
2.0			1.00		
2,9	Strip footings	t	1,60	R	-
2.10	Fabric reinforcement	2	06.53	R	
2,10	Mesh Ref 311 fabric reinforcement	m2	86,52		_
	CARRIED TO SUMMARY PAGE			R	-
3	BILL NO. 3 MASONRY				
	BRICKWORK				
	FOUNDATIONS				
	Brickwork of "NFX" bricks (14 MPa nominal compressive strength) in class I mortar				
3,1	110mm Half brick walls	m2	11,47	R	-
3,2	220mm One brick walls in foundations	m2	25,56	R	-
	SUPERSTRUCTURE				
	Brickwork of "NFP" burnt clay bricks (7MPa nominal compressive strength) in Class II mortar				
3,3	110mm Half brick walls	m2	51,62	R	-
3,4	220mm One brick walls	m2	114,99	R	-
3,5	220mm One brick walls in beamfilling	m2	22,58	R	-
	BRICKWORK SUNDRIES				
	Brickwork reinforcement 2.80mm thick				
3,6	75mm Wide reinforcement built in horizontally	m	172,08	R	-
3,7	150mm Wide reinforcement built in horizontally	m	383,31	R	-
	Stresso or similar pre-stressed fabricated lintels				
3,8	110 x 75mm Lintels in lengths not exceeding 3m	m	5,00	R	-
	Galvanised wire ties, etc				
3,9	4mm Diameter double strand galvanised roof anchor built in 500mm minimum	No	65,00	R	-
	FACE BRICKWORK				
	Approved FBS face bricks in stretcher bond (P.C Sum R???/1000 bricks) jointed in Class I mortar and pointed with recessed vertical and recessed horizontal joints				
3,10	Extra over brickwork in NFP bricks for face brickwork	m2	21,72	R	_
	Extra over brickwork for brick-on-edge header course lintel pointed on face and 110mm soffit	m	127,77	R	
3,21	The state of the s		221,11		
3,12	220mm Wide sills set sloping and slightly projecting	m	9,20	R	-
	CARRIED TO SUMMARY PAGE			R	-
4	BILL NO. 4 WATERPROOFIG				
"	WATERPROOFING				
	DAMPPROOFING OF WALLS AND FLOORS				
4.5	One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course	?	24.75	n.	
4,1	In walls	m2	21,72	R	-
	One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"				
4,2	Under surface beds	m2	86,52	R	-
	CARRIED TO SUMMARY PAGE			R	-

5	BILL NO. 5 ROOF COVERINGS, ETC	ĺ	l		
	ROOF COVERINGS, ETC				
	PROFILED METAL SHEETING AND ACCESSORIES				
	Chromadek IBR Roof Sheeting interlocking roof sheeting, fixed to timber purlins at 1000 mm centres using using, roof flashing and accessories, all in accordance with manufacturers recommendations				
5,1	Roof covering with pitch not exceeding 30 degrees	m2	157,23		R -
5,2	Ridge capping 462mm girth three times bend along girth	m	12,93		R -
	ROOF AND WALL INSULATION				
	Isover Aerolite Glasswool 50mm insulation				
5,3	Insulation laid horizontal on top of timber rafters (at maximum 1200mm centres) and fixed concurrent with roof covering including galvanised steel straining wires as per manufacturer's recommendation	m2	72,08		R -
	CARRIED TO SUMMARY PAGE				R -
6	BILL NO. 6 CARPENTRY AND JOINERY				
	Joinery				
	Fixing				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete				
	ROOFS ETC				
6,1	Roof construction for single pitched roofs not exceeding 30 degree approximately +/-59 m² overall on plan at ablutions and walkway	No	1,00		R -
	EAVES, VERGES, ETC				
	High density plain fibre-cement fascias				
6,2	220x15mm Thick fascia and barge boards, including aluminium H-profile joiners	m	49,01		R -
	SKIRTINGS				
	Wrought "Meranti"				
6,3	19 x 75mm High skirting screw fixed and plugged to brickwork including 19x19mm quarter round bead nailed	m	Rate Only		R -
	DOORS ETC				
	Hollow core internal door				
6,4	2032 x 830mm	No	8,00		R -
	COUNTER TOPS				
	As per clients approval				
6,5	Counter tops as per the drawings	sum	Rate Only		R -
	CARRIED TO SUMMARY PAGE				R -
7	BILL NO. 7 CEILINGS, PARTITIONS AND ACCESS FLOORING				
	CEILINGS, PARTITIONS AND ACCESS FLOORING				
	NAILED UP CEILINGS				
	4mm "Everite Nutec" fibre-cement ceiling boards fixed with 32mm galvanised clout nails at 150mm centres and 25x3.5mm dry wood screws at 600mm centres for additional support with pre-painted H-type pressed steel jointing strips all in strict accordance with the manufacturer's specifications				
7,1	Ceilings including 38 x 38mm sawn softwood brandering at 400mm centres fixed to timber rafters	m2	72,08		R -
7,2	Extra over ceiling for 600 x 600mm trap door of 38 x 38mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush with opening	No	1,00		R -
	CORNICE				
7,3	75mm Coved Cornice	m	37,01		R -
	CARRIED TO SUMMARY PAGE				R -
8	BILL NO. 8 IRONMONGERY				
I	1	I	1	İ	ı I

[IRONMONGERY		1			l
	HINGES, BOLTS, ETC					
8,1	102 x 75 x 3mm Dorma DBB-SS-009 stainless steel two ball bearing hinge.	No	60,00		R -	
	WC Indicator bolt	No	8,00		R -	
0,2	LOCKS		5,55			
8,3	Three lever lockset	No	2,00		R -	
	Two lever lockset	No	8,00		R -	
	CATCHES, CABIN HOOKS, ETC		5,50			
8,5	Floor Mounted Door Holder (Satin Chrome on Brass) code: 401	No	2,00		R -	
	SIGNS		,,,,			
8,6	Signs	sum	1,00		R -	
	BATHROOM FITTINGS				-	
8,7	3-Roll lockable toilet roll holder white, overall size 140mm x 125mm x 405mm plugged and screw to wall with stainless steel screws or similar approved	No	8,00		-	
8,8	Wall mounted Automatic Urinal flush	No	4,00		-	
8,9	Automatic Hand Dryer – Stainless Steel	No	2,00		-	l
8,10	Stainless steel sensor bin	No	2,00		-	
	CARRIED TO SUMMARY PAGE				R -	1
9	BILL NO. 9 METALWORK					
	METALWORK					
	Finishes					
	Final product shall be free from all sharp edges.					
	PRESSED STEEL DOOR FRAMES WITH FACTORY APPLIED RED OXIDE COATING					
	1,2mm Double rebated frames suitable for half brick walls including 2 x 100mm loose pin hinges					
9,1	and adjustable chrome striking plate					
9,2	Frame for door 813 x 2032mm high (D3)	No	10,00		R -	
	ALUMINIUM WINDOWS, DOORS, ETC					
9,3	Window size 800 x 1000mm high W04	No	12,00		R -	
9,4	Window size 700 x 900mm high W03	No	2,00		R -	
	Standard Timber Door					
9,5	Standard External Doors D04	No	2,00		R -	
9,6	Standard Internal Doors D05	No	8,00		R -	
	CARRIED TO SUMMARY PAGE				R -	
10	BILL NO. 10 PLASTERING					
	PLASTERING					
	INTERNAL PLASTER					
	One coat cement plaster on brickwork					
10,1	On walls	m2	106,05		R -	
10,2	On narrow widths	m2	6,00		R -	
	CARRIED TO SUMMARY PAGE				R -	
11	BILL NO. 11 TILING					l
	TILING					
	Grouting joints					
	Joints to be 3mm width in floor tiles and 4mm width in wall tiles					
	WALL TILES					l
	Wall tiles with 6mm joints continuous in both directions with TAL adhesive (PC Sum R100.00/m²), including all cutting and waste.					
11 1	including all cutting and waste	m2	160 27		R	
11,1	On walls	m2	168,37	I	R -	I

1.3.1 Or Controlled No. 1992 (School Hunder No. 1992) (School Hunder No		I	i	l I	I	I	
No. 1-10 p Parcelain flour tibes with Genes picies conditionase in both directions with TAL software (PC 11.3 On Figs. Con Figs. Con Figs. Con Figs. Con Figs. Con Figs. Con Figs. Control String Control String Control String Control To Submanary PAGE II. Amminish String Control To Submanary PAGE III. III. MO 12 P PLYMORING & DRAINGE (PROVISIONAL) PLYMORING CONTROL TO SUBMANARY PAGE III. MO 12 P PLYMORING & CONTROL STRIPS, ETC William Figs. III. MO 12 P PLYMORING & CONTROL STRIPS, ETC III. MO 12 P PLYMORING & CONTROL STRIPS, ETC William Figs. III. MO 12 P PLYMORING & CONTROL STRIPS, ETC III	-	R	R	Rate only	m2	On Splashbacks	11,2
Som 100.000/Pt. Including all cutting and votation and votation 12						FLOOR TILING	
11.1.4 BOMM Suttling CORRER PROTECTORS, DOVIGNOS STRIPS, ETC MATTER ATTER 11.2 AUTHORNOS ADMINANCE PROJECT 12. BILL NO. 1.2 PLUMBING & DOMINAGE PROVISIONALI) PLUMBING CORRECT TO SUMMANAT PAGE 13. BILL NO. 1.2 PLUMBING & DOMINAGE PROVISIONALI) PLUMBING CORRECT DOS JUMNANCE PROJECT Rigid PVC Socketed Soil Piping (\$5.85 791) With teelding And Filling As laid Out in \$6.85 3200 LB- making privately Pages, Backfring With Executed Patential 13. Inform Pipins sold in and including the Executed Patential 14. Inform Pipins sold in and including the Executed Patential 15. Inform Pipins sold in and including the Executed Patential 16. Inform Pipins sold in and including the Executed Patential 17. Inform Pipins sold in and including the Executed Patential 18. Inform Pipins sold in and including the Executed Patential 18. Inform Pipins sold in and including the Executed Patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and patential 18. Inform Pipins sold in the Color and Executed Pipins and coveres elementary 18. Inform Pipins sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins Sold in the Color and Executed Pipins So							
COMMER PROTECTORS, DOVEMONS STRIPS, ETC MA-Trim AUTHOR CARRED TO SIMMARA P PAGE 12	-	R	R	69,85	m2	On Floors	11,3
No Trian Aluminium straight edge trem ASCODIO CARRETT OS SUMMARY PAGE 31. NO. 1.7 PLUMBING & DANANAGE (PROVISIONAL) PLUMBING OSAMAGE Sold PAYS Societed Soil Piping (SAS 791) With Bedding And Filing As Liad Out in SASS 1200 LB- Bedding Parks Plumb, Play, Budding Vision Seeding And Filing As Liad Out in SASS 1200 LB- Bedding Parks Play, Budding Vision Seeding And Filing As Liad Out in SASS 1200 LB- Bedding Parks Play, Budding Vision Seeding And Filing As Liad Out in SASS 1200 LB- Bedding Parks Play, Budding Vision Seeding And Filing As Liad Out in SASS 1200 LB- Bedding Parks Play, Budding Vision Seeding And Filing As Liad Out in SASS 1200 LB- Bedding Parks Play, Budding Vision Seeding Im not exceeding 7 m deep 12. Softom Pipes verification or and including very service of the same same of the same of the same same of the same same of the same same of the sa	-	R	R	106,05	m	85mm Skirting	11,4
Attendation straight edge trim ASTORIO CARRELY TO SUMMANY PAGE BLL NO. 12 PLUMBING & DIGANAGE (PROVISIONAL) PLUMBING DIGANAGE Rigid PVC Societed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- badding Proclabs and Analysing (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- badding Proclabs and Analysing (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- badding Proclabs and Including trenches accepting in deep Rigid PVC Societed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- badding Proclabs Place, Badding With Exercised Marcial Rigid PVC Societed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- badding Proclabs Place, Badding trenches accepting in deep Rigid PVC Societed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- badding Proclabs Place, Badding Terror Badding Trenches accepting Indiany Rigid PVC Societed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- badding Proclabs Place, Badding Terror Badding Trenches accepting Trenches Rigid PVC Societed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- Rigid PVC Societed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- Rigid PVC Societed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- Rigid PVC Societed Soil Piping (SABS 791) With Bedding Rigid R						CORNER PROTECTORS, DIVIDING STRIPS, ETC	
CARRIED TO SUMMANY PAGE 311. NO. 12 PLUMBING & DIANNAGE (PROVISIONAL) PLUMBING ORANNAGE SIGN DARANAGE Rigid PVC Socketed Sol Piping (DABS 793) With Redding And Filling & Laid Out in SABS 1200 IB— redding Resolute Piping. Schilling With Recording the Moteral 12.1 Idom Pipes laid an and including trenches one exceeding 1 mices 12.2 Idom Pipes vertically or ramped to cleaning eyes, etc (no succentron) 12.3 Idom Pipes vertically or ramped to cleaning eyes, etc (no succentron) 12.4 Idom Pipes vertically or ramped to cleaning eyes, etc (no succentron) 12.5 Idom Pipes vertically or ramped to cleaning eyes, etc (no succentron) 12.6 Idom Access band 12.7 Idom Access band 12.8 Idom Access band 12.9 Idom Access junction 12.9 Idom Access junction 12.0 Idom Access junction 12.1 Idom Access junction 12.1 Idom Access junction 12.2 Idom Pipes of Victioning oye with and including 300 x 300mm 35MPs concrete surround 12.8 Idom Pipes under Calculated States of the States of Calculated States of Calculat						M-Trim	
### NO. 12 PLUMBING & DRANAGE (PROVISIONAL) ####################################	-	R	R	4,00	m	Aluminium straight edge trim ASE080	11,5
PLUMBING DRAINAGE SIGL RRANAGE Nigd PF Cockeeds Dol Piging (SASS 793) With Insiding As Laid Out in SABS 1200 LB - needing Pleatule Piges, buckfilling With Executed Makerial 1.2.1 180mm Piges Laid in and including trenches need receiving 1 m receiving 2 m receiving	-	R	R			CARRIED TO SUMMARY PAGE	
DAANAGE SOIL DRANAGE Rigid PVC Socketed Soil Piping (SABS 791) With bedding And Rilling As Laid Out in SABS 1200 LB - Bedding Florish Pipes Badd in and including trenches not exceeding 1m deep 12.1 150mm Pipes Iaid in and including trenches exceeding 1m deep 13.2 150mm Pipes Iaid in and including trenches exceeding 1m deep 13.3 150mm Pipes Iaid in and including trenches exceeding 1m not exceeding 2m deep 13.4 150mm Pipes Iaid in and including trenches exceeding 1m not exceeding 2m deep 13.5 150mm Pipes Iaid in and including trenches exceeding 1m not exceeding 2m deep 13.6 150mm Pipes Iaid in and including trenches exceeding 1m not exceeding 2m deep 13.6 150mm Pipes Iaid in and including 100 received Iaid Iaid Iaid Iaid Iaid Iaid Iaid Iai						BILL NO. 12 PLUMBING & DRAINAGE (PROVISIONAL)	12
SOIL DRAINAGE Rigid PVC Socketed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 IB - leading Frenible Pipes, Sacdiffling With Excerned Material 12.1 150mm Pipes Isid in and including trenches exceeding Im deep 12.2 150mm Pipes Isid in and including trenches exceeding Im deep 12.3 150mm Pipes vertically or ramped to cleaning eyes, etc (no excevation) 12.4 150mm Diameter piping fixed to duct walls 12.5 150mm Diameter piping fixed to duct walls 12.6 150mm Junction 12.7 110mm Access bend No 5,00 12.8 150mm Junction 12.9 110mm Access bend No 4,00 12.9 110mm Access bend No 4,00 12.9 110mm Access bend No 1,00 12.9 110mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.9 110mm x 50 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.9 110mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.9 110mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 Degree oiPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 12.1 10mm x 450 D						PLUMBING	
Rigid PVC Socketed Soil Piping (SABS 791) With Bedding And Filling As Laid Out in SABS 1200 LB- bedding Flexible Pipes, Buckfilling With Exercised Natural 12.1 160mm Pipes ladd in and including trenches not exceeding 1m deep m 10,00 R 12.2 160mm Pipes wettically or ramped to cleaning eyes, etc (no excavation) m 10,00 R 12.3 160mm Pipes wettically or ramped to cleaning eyes, etc (no excavation) m 10,00 R 12.4 160mm Dipes wettically or ramped to cleaning eyes, etc (no excavation) m 10,00 R 12.5 160mm Access bend Out will be for fittings 12.5 160mm Access bend No 3,00 R 12.6 160mm Aunction No 3,00 R 12.7 110mm Access bend No 4,00 aPV codding eyes 12.8 110mm x 45 Degree aPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround Sumps, guilles, catchpts inspection chambers, etc. (gratings and covers elsewhere) 12.9 110mm Pipes with the exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 155mm No 4,00 R 12.10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 3,00 R 12.13 Squre profile alluminium gutters No 3,00 R 12.14 Squre profile alluminium gutters No 3,00 R 12.15 Squre profile alluminium Downpipes M 12,00 R 12.18 Contribute Wall Mounted Basin & Floor Pedestal Set COVER MACE THE Contractor to allow in his pricing for supply and installation of all sanitary fittings, short tengths or piping, consumbible etc. except for free lissue items, the contractor must only allow for counted on a longer of the stall and colour White (coder, comprising 90° No outlet open rim pain with matching 6/3 live top dual flush cistern COMINE Wall Mounted Basin & Floor Pedestal Set WASSE NO 8,00 WASSE UNIONES FTC. Waste Connections OUT: Waste connections to all fistures shall include all the gratings with plug and chain, westhern, gaskets, back must, specified traps, connection pipe lengths and rubber bungs where needed.						DRAINAGE	
Bedding Fisuble Pipes, Backfilling With Excavated Natorial						SOIL DRAINAGE	
12.2. 160mm Pipes laid in and including trenches exceeding Im not exceeding 2m deep m 10,00 R							
12.4 160mm Pipes vertically or ramped to cleaning eyes, etc (no excavation) 12.4 160mm Diameter piping fixed to duct walls Extra over uPVC class 34 pipes for fittings 12.5 160mm Access bend No 5,00 R 12.6 160mm Junction No 3,00 R 12.7 110mm Access junction No 4,00 R 12.7 110mm Access junction No 4,00 R 12.8 110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 R Sumps, guillies, catchpits inspection chambers, etc. (gratings and covers elsewhere) 12.9 110mm PVC guilley not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 155mm No high complete Sundries 12.10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 38,79 R 12.11 Squire profile alluminium gotters No 38,79 R 12.12 Squire profile alluminium Downpipes Antitary Fittings Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12.13 Consumables State vitreous china close coupled suite colour White (code: , comprising 90e no outlet open rim pan with matching 0/3 liter top dual flush cistern 12.14 Cond White Wall Mounted Basin & Floor Pedestal Set GEYSER No Maste Connections 12.15 Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	10,00	m	160mm Pipes laid in and including trenches not exceeding 1m deep	12,1
12.4 E50mm Diameter piping fixed to duct walls Extra over uPVC class 34 pipes for fittings 12.5 160mm Access bend No 5.00 R 12.6 150mm Junction No 3.00 R 12.7 130mm Access junction uPVC rodding eyes 12.8 110mm x45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1.00 R Sumps, guilles, catchpits inspection chambers, etc. (gratings and covers elsewhere) 12.9 110mm vPC guilley not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 155mm No 4,00 R 12.10 Cutting into existing 150mm uPvC line for connecting 110mm diameter uPvC pipes No 38,79 R 12.12 Squre profile alluminium gutters No 38,79 R 12.13 Squre profile alluminium Bownpipes M 12,00 R SANITARY FITINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12.13 Shortland Compact Rox Suite vitreous china close coupled suite colour White (code:, comprising 90e no 8,00 or 60 or 60 or 8,00 or 60 or 60 or 60 or 60 or 60 o	-	R	R	Rate only	m	160mm Pipes laid in and including trenches exceeding 1m not exceeding 2m deep	12,2
Extra over uPVC class 34 pipes for fittings 12.5 160mm Access bend No 3.00 R 12.7 110mm Access junction No 4,00 R 12.7 110mm Access junction No 4,00 R 12.8 110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 12.9 13.0mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 12.9 13.0mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 12.9 13.0mm PVC guilley not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 355mm No No No 12.10 12.11 12.10 12.11 13.0mm YVC guiley not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 355mm No No 38,79 R 12.12 12.13 12.14 12.15 12.15 12.15 12.16 12.16 12.16 12.17 13.15 12.18 13.15 14.16 15.15 15.15 15.15 16.15 17.16 17.16 18.15	-	R	R	10,00	m	160mm Pipes vertically or ramped to cleaning eyes, etc (no excavation)	12,3
12.5 160mm Access bend No 5.00 R 12.6 160mm Junction No 3.00 R 12.7 110mm Access Junction No 4.00 R 12.7 110mm Access Junction No 4.00 R 12.8 110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 R 12.8 110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 R 12.9 110mm PVC guiley not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 155mm No high complete 12.9 110mm PVC guiley not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 155mm No 38,79 R 12.10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 6,00 R 12.11 Squre profile alluminium gutters No 38,79 R 12.12 Squre profile alluminium Downpipes M 12.00 R 12.13 Squre profile alluminium Downpipes M 12.00 R 12.14 Sapar profile alluminium Downpipes No 12.00 R 12.15 Note: The contractor of allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumbles etc. except for free issue items, the contractor must only allow for complete installation 12.13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° No outlet open rimp pan with matching G/3 litre top dual flush cistern 12.15 EVSER 12.15 EVSER 12.16 No 1.00 No 1.00 R 1.00 WASTE UNIONS ETC. 12.16 Waste Connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	10,00	m	160mm Diameter piping fixed to duct walls	12,4
12.6 160mm Aunction No 3.00 R 12.7 110mm Access junction uPVC rodding eyes 12.8 110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1.00 R Sumps, guilles, catchpits inspection chambers, etc. (gratings and covers elsewhere) 12.9 110mm PVC guiley not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 155mm No high complete Sundries 12.10 Cutting into existing 160mm uPvC line for connecting 110mm diameter uPvC pipes No 6.00 R 12.11 Squre profile alluminium gutters No 38,79 R 12.12 Squre profile alluminium Downpipes M 12.00 R SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation supply and install 12.13 Shortfand Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90P No outlet open rim pan with matching 6/3 litre top dual flush cistern 12.14 Coral White Wall Mounted Basin & Floor Pedestal Set 6ct SER Kwikot DSG-100-5 400KPA Geyser (100L) No 1.00 R WASTE UNIONS ETC. Waste Connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						Extra over uPVC class 34 pipes for fittings	
12,7 110mm Access junction uPVC rodding eyes 12,8 110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround No 1,00 R Sumps, guilles, catchpits inspection chambers, etc. (gratings and covers elsewhere) 12,9 110mm PVC guilley not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 155mm No high complete Sundries 12,10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 6,00 R Squre profile alluminium gutters No 38,79 R 12,11 Squre profile alluminium Downpipes M 12,00 R SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° No outlet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set Kwikot DSG-100-5 400KPA Geyser (100L) NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	5,00	No	160mm Access bend	12,5
uPVC rodding eyes 12.8 110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround Sumps, gullies, catchpits inspection chambers, etc. (gratings and covers elsewhere) 12.9 110mm PVC gulley not exceeding 750mm deep with grid and concrete gulley top 410 x 420 x 155mm No high complete Sundries 12.10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 6.00 R 12.11 Squre profile alluminium gutters No 38,79 R 12.12 Squre profile alluminium gutters No 12,00 R SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12.13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° No outlet open rim pan with matching 6/3 litre top dual flush cistern No 8,00 GYSER 12.14 Coral White Wall Mounted Basin & Floor Pedestal Set Kwikot DSG-100-5 400RPA Geyser (100L) No 1,00 R WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	3,00	No	160mm Junction	12,6
12,8 110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround Sumps, guillies, catchpits inspection chambers, etc. (gratings and covers elsewhere) 12,9 110mm PVC guillery not exceeding 750mm deep with grid and concrete guiley top 410 x 420 x 155mm No 4,00 kg conditions and surface guiley top 410 x 420 x 155mm No 5,00 kg conditions and surface guiley top 410 x 420 x 155mm No 6,00 kg conditions and surface guiley top 410 x 420 x 155mm No 6,00 kg conditions and surface guiley top 410 x 420 x 155mm No 6,00 kg conditions and surface guiley top 410 x 420 x 155mm No 6,00 kg conditions and surface guiley top 410 x 420 x 155mm No 6,00 kg conditions and surface guiley top 410 x 420 x 155mm No 6,00 kg conditions and surface guiley for connections No 6,00 kg conditions and surface guiley for connections surface guiley for supply and install surface guiley for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation supply and install surface guiley gu	-	R	R	4,00	No	110mm Access junction	12,7
Sumps, gullies, catchpits inspection chambers, etc. (gratings and covers elsewhere) 12,9 110mm PVC gulley not exceeding 750mm deep with grid and concrete gulley top 410 x 420 x 155mm No 4,00 R R Sundries 12,10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 6,00 R 12,11 Squre profile alluminium gutters No 38,79 R 12,12 Squre profile alluminium Downpipes M 12,00 R SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Sulte vitreous china close coupled suite colour White (code: , comprising 90° outlet open rim pan with matching 6/3 litre top dual flush distern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set No 8,00 GEYSER Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						uPVC rodding eyes	
12,9 110mm PVC gulley not exceeding 750mm deep with grid and concrete gulley top 410 x 420 x 155mm No 14,00 12,11 Sundries 12,10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 38,79 R 12,11 Squre profile alluminium gutters SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° outlet open rim pan with matching 6/3 litre top dual flush cistern Coral White Wall Mounted Basin & Floor Pedestal Set Rivikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	1,00	No	110mm x 45 Degree uPVC cleaning eye with and including 300 x 300mm 25MPa concrete surround	12,8
high complete Sundries 12,10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 6,00 R 12,11 Squre profile alluminium gutters No 38,79 R 12,12 Squre profile alluminium Downpipes SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° No 8,00 outlet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						Sumps, gullies, catchpits inspection chambers, etc. (gratings and covers elsewhere)	
12,10 Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes No 6,00 12,11 Squre profile alluminium gutters No 38,79 R 12,12 Squre profile alluminium Downpipes M 12,00 R SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° outlet open rim pan with matching 6/3 litre top duaf flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set Mo 8,00 GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	4,00	No		12,9
12,11 Squre profile alluminium gutters No 38,79 R 12,12 Squre profile alluminium Downpipes M 12,00 R SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° outlet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						Sundries	
SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° outlet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	6,00	No	Cutting into existing 160mm uPVC line for connecting 110mm diameter uPVC pipes	12,10
SANITARY FITTINGS Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° No outlet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set No 8,00 GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	38,79	No	Squre profile alluminium gutters	12,11
Note: The contractor to allow in his pricing for supply and installation of all sanitary fittings, short lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° No outlet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	12,00	м	Squre profile alluminium Downpipes	12,12
lengths of piping, consumables etc. except for free issue items, the contractor must only allow for complete installation Supply and install 12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° No outlet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set No 8,00 GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NO 1,00 R NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						SANITARY FITTINGS	
12,13 Shortland Compact Box Suite vitreous china close coupled suite colour White (code: , comprising 90° No 0 vulet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set No 8,00 GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) No 1,00 R WASTE UNIONS ETC. Waste Connections 12,16 NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						lengths of piping, consumables etc. except for free issue items, the contractor must only allow for	
outlet open rim pan with matching 6/3 litre top dual flush cistern 12,14 Coral White Wall Mounted Basin & Floor Pedestal Set No 8,00 GEYSER 12,15 Kwikot DSG-100-5 400KPA Geyser (100L) No 1,00 WASTE UNIONS ETC. Waste Connections 12,16 NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						Supply and install	
12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-			8,00	No		12,13
12,15 Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-			8,00	No	Coral White Wall Mounted Basin & Floor Pedestal Set	12,14
Kwikot DSG-100-5 400KPA Geyser (100L) WASTE UNIONS ETC. Waste Connections NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						GEYSER	
Waste Connections 12,16 NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.	-	R	R	1,00	No	Kwikot DSG-100-5 400KPA Geyser (100L)	12,15
NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						WASTE UNIONS ETC.	
NOTE: Waste connections to all fixtures shall include all the gratings with plug and chain, washers, gaskets, back nuts, specified traps, connection pipe lengths and rubber bungs where needed.						Waste Connections	
Cobra							12,16
						Cobra	
12,17 Chrome plated anti-theft basin waste plug (Code: 309-32) No 8,00 R	-	R	R	8,00	No		12,17
TRAPS ETC.							

		1			
	uPVC				
12,18	40mm Deep seal "P" or "S" trap	No	8,00	R	-
	TAPS, VALVES, ETC.				
12,19	Basin taps	No	16,00	R	-
	WATER SUPPLIES				
12,20	75mm HDPE pipe	m	10,00	R	-
12,21	75mm Pipes laid in trenches not exceeding 1m deep	m	10,00	R	-
	Extra over uPVC pipes for fittings				
12,22	75mm Bend	No	7,00	R	-
12,23	75mm Tee junction	No	3,00	R	-
	Sundries				
12,24	Testing water system	No	1,00	R	-
12,25	Allow for testing all drains, sanitary plumbing and water supplies to the satisfaction of the Architect and to Municipal requirements. All defective work is to be taken out and replaced at the Contractor's expense.	Item	1,00	R	-
	CARRIED TO SUMMARY PAGE			R	-
13	BILL NO. 13 GLAZING				
	GLAZING				
	MIRRORS				
13,1	Rectangular Mirror Panel 915 x 610 x 4mm	No	8,00		-
	CARRIED TO SUMMARY PAGE			R	-
14	BILL NO. 14 PAINTWORK				
	PAINTWORK				
	PAINTWORK, ETC. TO NEW WORK				
	ON FLOATED PLASTER				
	One coat "Plascon" alkaline resistant primer, one coat "Plascon" universal undercoat and two coats "Plascon" wall & all paint applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
14,1	On internal walls	m2	32,40	R	-
	ON PLASTER BOARD				
	One coat "Plascon" professional plaster primer (PP700) and two coats "Plascon" professional super matt (PEM900) applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
14,2	On internal ceilings	m2	72,08	R	-
	ON WOOD				
	Three coats "Plascon" clear external varnish applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
14,3	On doors	m2	3,25	R	-
	One coat "Plascon" wood primer, one coat "Plascon" universal under coat and two coats "Plascon" gloss enamel paint applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
14,4	On doors	m2	13,01	R	-
	One coat "Plascon" plascogaurd 40 universal epoxy primer (PEX40) and two coats "Plascon" wall & all (WAA 1) applied in strict accordance with manufacturer's instructions				
14,6	On roof timbers at eaves and verges	m2	35,90	R	-
14,7	19 x 75mm Timber skirting	m	Rate only	R	-
	ON METAL				
	Prepare and apply two coats "Plascon" professional egg shell enamel (PSB 700) paint applied in strict accordance with manufacturer's instructions in colours according to the architect's specification				
14,8	On internal door frames	m2	8,90	R	-
	CARRIED TO SUMMARY PAGE			R	-

Bill	SUMMARY PAGE	1			١
1	BILL NO. 1 EARTHWORKS			R -	
2	BILL NO. 2 CONCRETE, FORMWORK AND REINFORCEMENT			R -	
3	BILL NO. 3 MASONRY			R -	
4	BILL NO. 4 WATERPROOFIG			R -	
5	BILL NO. 5 ROOF COVERINGS, ETC			R -	
6	BILL NO. 6 CARPENTRY AND JOINERY			R -	
7	BILL NO. 7 CEILINGS, PARTITIONS AND ACCESS FLOORING			R -	
8	BILL NO. 8 IRONMONGERY			R -	
9	BILL NO. 9 METALWORK			R -	
10	BILL NO. 10 PLASTERING			R -	
11	BILL NO. 11 TILING			R -	
12	BILL NO. 12 PLUMBING & DRAINAGE (PROVISIONAL)			R -	
13	BILL NO. 13 GLAZING			R -	
14	BILL NO. 14 PAINTWORK			R -	
Total car	ried to summary			R -	

SECTION - EXTERNAL WORKS NTIBANE FARM PRE-SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount	
1	SITE CLEARANCE ETC Site clearance					
	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	845,00		R -	
1,2	Earth filling supplied by the contractor, compacted to 95% Mod AASHTO River Sand	m3	152,50		R -	
	Compaction of surfaces					
1,3	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	602		R -	
	PAVING					
1,4	Paving with 60mm interlocking concrete blocks	m2	600		R -	
	FENCING					
1,5	1,8m High Clear Vu Fencing	m	240		R -	
1,6	6m Wide Sliding Clear Vu Gate with a pedestrian small gate incorparated	no	1		R -	
Total carrie	ed to summary				R -	

SECTION 4 - PROVISIONAL SUMS

NTIBANE FARM PRE-SCHOOL

Itom No	NTIBANE FARM PRE-SCHOOL Description	Unit	Quantity	Rate	Amount
item No	Description	Unit	Quantity	kate	Amount
1	ELECTRICAL WORKS				
1,1	Provisional sum allowance for all the electrical works including the outdoor LED lights around the buildings including all the connections, wiring, DB Box, internal lights and all other electrical items for Community Hall and Ablution Buildings (Allow sum of R150 000,00)	Prov Sum	1		R -
1,2	Allow for Profit	%	R -	10%	R -
2	STEEL TRUSSES				
	Supply and Install Steel Roofs Trusses to cover +/-805m2 area in Community Hall (Allow sum of R650 000,00)	Prov Sum	1		R -
2,2	Allow for Profit	%	R -	10%	R -
Total carr	ied to summary				R -

SECTION 5 - BUDGET ALLOWANCE

NTIBANE FARM PRE-SCHOOL

Item No	Description	Unit	Quantity	Rate	Amount
1	WATER CONNECTION				
1.1	Provisional sum allowance for Connection of water from the water supply (Allow sum of R50 000,00)	Allow	1		R -
2	STORMWATER DRAINAGE				
2.1	Provisional sum allowance for storm water drainage (Allow sum of R70 000.00)	Allow	1		R -
3	SEPTIC TANK				
	Supply and Install Septic tank, incl. trenches, connections, All piping connections and all necessary fittings (Allow sum of R100 000,00)	Allow	1		R -
4	TIMBER STAGE				
	Provisional Allowance for Timber Stage with Staircases both sides as per drawings at the Community Hall (+/- 94 m2), (Allow sum of R150 000,00)	Allow	1		R -
5	TESTING MATERIALS AND WORKMANSHIP				
5,1	Other special tests requested by the engineer (Allow sum of R15 000,00)	Allow	1		R -
Total carr	ed to summary				R -

NTIBANE FARM PRE-SCHOOL

FINAL SUMMARY

-	FINAL SUMMARY	
Bill No.	DESCRIPTION	Amount
	Section 1	
1	PRELIMINARIES AND GENERAL	R -
	Section 2	
2	COMMUNITY HALL	R -
	Section 3	
3	ABLUTION BLOCK	R -
4	Section 4 EXTERNAL WORKS	R -
5	Section 5 BUDGET ALLOWANCE	R -
3	Section 6	
6	PROVISIONAL SUMS	<u>R</u> -
	SUB-TOTAL 1	R -
	CONTINGENCIES @ 10%	R -
	SUB-TOTAL 2	R -
	ADD: VAT @ 15%	R -
	TOTAL CARRIED TO TENDER	R -