

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE AT BOLANI PRE-SCHOOL IN LOWER NTAUFU LOCATION FOR THE PERIOD OF 04 MONTHS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>SECTION NO. 1 : PRELIMINARIES</u>				
	BILL NO.1 : PRELIMINARIES				
	A11 LIABILITY INSURANCES				
	Clause 11.0				
1	Fixed: _____ Value related: _____ Time related: _____	item	1		
	A14 SECURITY				
	Clause 14.0				
2	Fixed: _____ Value related: _____ Time related: _____	item	1		
	A18 SETTING OUT OF THE WORKS				
	Clause 18.0				
3	Fixed: _____ Value related: _____ Time related: _____	item	1		
	B2.0 DOCUMENTS				
	B2.5 Priced documents				
4	Fixed: _____ Value related: _____ Time related: _____	item	1		
	B4.0 MANAGEMENT OF CONTRACT				
	B4.1 Management of the works				
5	Fixed: _____ Value related: _____ Time related: _____	item	1		
	B4.2 Programme for the works				
6	Fixed: _____ Value related: _____ Time related: _____	item	1		
	B4.3 Progress meetings				
7	Fixed: _____ Value related: _____ Time related: _____	item	1		
	B4.4 Technical meetings				
8	Fixed: _____ Value related: _____ Time related: _____	item	1		
	B6.0 TEMPORARY WORKS AND PLANT				
	B6.4 Plant, equipment, sheds and offices				
9	Fixed: _____ Value related: _____ Time related: _____	item	1		
	B6.5 Main notice board				
10	Fixed: _____ Value related: _____ Time related: _____	item	1		
	C10 HIV/AIDS AWARENESS				
	C10.1 Awareness champion				
11	Fixed: _____ Value related: _____ Time related: _____	item	1		
	<u>SPECIFIC PRELIMINARIES</u>				
	Site instructions Instructions issued on site are to be recorded in				
TOTAL CARRIED TO THE FORWARD					

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
12	<p>Warranties for material and workmanship Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specified period from the date of final completion and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice to do so. The warranty will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor</p> <p>F:.....V:.....T:.....</p>		1		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE AT BOLANI PRE-SCHOOL IN LOWER NTAUFU LOCATION FOR THE PERIOD OF 04 MONTHS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	SECTION 02 BILL NO 1 DEMOTIONS <u>DEMOLITION</u> <u>Demolition and removal of building and other structures</u> 1 Single storey zinc shed with flat roof size 3.4 x 5.8m on plan and 2.8m high overall. No 1 2 Single storey pit toilet with flat roof 1 x 2m on plan and 2.8m high overall. No 1 <u>Budgetary allowance</u> <u>Note: The following items are to remain the property of the employer and are to be carefully taken out, temporarily stored, transported over a distance of approximately 1km and handed over:</u> 3 Budgetary allowance of R3000,00 (Three Thousand Rand) for removal , transportation and storing of valuable items from the existing classroom in accordance to the Principal agent's instruction. Item 1 R 3 000,00 R 3 000,00				
TOTAL CARRIED TO THE SUMMARY					

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO 02 <u>EARTHWORKS (PROVISIONAL)</u>				
	<u>EXCAVATION, ETC OTHER THAN BULK</u> <u>Site clearance etc:</u>				
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m2	2 843		
2	Stripping average 150mm thick layer of top soil and depositing material in prescribed stockpiles on site	m2	203		
	<u>Excavation in earth not exceeding 2m deep:</u>				
3	Trenches (LI)	m3	48		
	<u>Extra over trench and hole excavations in earth for excavation in:</u>				
4	Soft rock (LI)	m3	7		
5	Hard rock (LI)	m3	4		
	<u>Extra over all excavations for carting away:</u>				
6	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	48		
	<u>Risk of collapse of excavations:</u>				
7	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	117		
	<u>Keeping excavations free of water:</u>				
8	Keeping excavations free from mud and all water including subterranean sources.	item	1		
	<u>EARTH FILLING, ETC.</u>				
	<u>Earth filling obtained from the excavations and / or prescribed stock piles on site compacted to 93% Mod. AASHTO density:</u>				
9	Backfilling to trenches, holes, etc	m3	36		
10	Under floors, steps, pavings, etc.	m3	19		
	<u>Imported natural G5 Gravel compacted to 95% Mod AASHTO density in maximum 150mm thick layers at optimum moisture content:</u>				
11	Under floors, steps, pavings, etc	m3	34		
	<u>Coarse river sand filling supplied by the contractor:</u>				
12	Under floors etc	m3	9		
	<u>Compaction of surfaces:</u>				
13	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and	m2	126		

	<p><u>Prescribed density tests on filling:</u></p>				
14	<p>Allow for compaction tests by an approved laboratory to determine density of filling material.</p> <p>Note: PROVIDE LAB RESULTS</p> <p>SOIL POISONING</p> <p><u>Approved brand of anti-termite soil poison applied by a Registered Pest Control Company and guaranteed against termite infestation for ten years:</u></p>	No	5		
15	<p>Treat filling under concrete beds with 'Chlordane Heptachlor Aldrin' or equal approved.</p>	m2	126		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 3 CONCRETE, FORMWORK AND REINFORCEMENT				
	<u>UNREINFORCED CONCRETE</u>				
	<u>20MPa/19mm concrete:</u>				
1	Surface blinding under footings and bases	m3	11		
2	Apron	m3	1		
	<u>REINFORCED CONCRETE</u>				
	<u>25MPa/19mm concrete:</u>				
3	Strip footing.	m3	0		
4	Ramps	m3	1		
5	Surface beds	m3	11		
	<u>CONCRETE TESTS</u>				
	<u>Test blocks:</u>				
6	Making and testing set of three 150x150x150mm concrete strength test cubes (Provisional).	no	6		
	<u>CONCRETE SUNDRIES</u>				
	<u>Finishing top surfaces of concrete smooth with a power float</u>				
7	Surface beds, slabs, etc	m2	111		
	<u>MOVEMENT JOINTS ETC</u>				
8	10mm Bitumen impregnated softboard joint filler set between vertical brick surfaces not exceeding 300mm wide. (LI)	m	10		
9	10mm Closed cell expanded polyethylene expansion joint with tearoff strip in joint not exceeding 300mm high or wide set between concrete and/or brick surfaces. (LI)	m	22		
10	<u>Two layers of 375 micron "Consol Plastic Brickgrip DPC" in slip joints between horizontal concrete and brick surfaces, including cement mortar bed</u> Not exceeding 300mm wide	m	10		
12	<u>"Sondor" or similar approved expansion joints with "Jointex" softboard between concrete and brick surfaces</u> 10mm Vertical isolation joints not exceeding 300mm high with 10mm pull out strip to surface beds	m	20		
13	<u>"Sondor" or similar approved expansion joints with "Jointex" softboard between horizontal concrete surfaces</u> 20mm Joints exceeding 300mm high or wide	m2	44		

TOTAL CARRIED FORWARD					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>REINFORCEMENT (PROVISIONAL)</u>				
	<u>Fabric reinforcement:</u>				
14	REF. 245 fabric reinforcement in concrete surface beds, slabs, etc.	m2	117		
	<u>Mild steel reinforcement to structural concrete work</u>				
15	8mm Diameter bars.	t	1		
16	10mm Diameter bars.	t	1		
	<u>High tensile steel reinforcement to structural concrete work</u>				
17	16mm Diameter bars.	t	1		
18	12mm Diameter bars.	t	1		
19	10mm Diameter bars.	t	1		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 4				
	MASONRY				
	BRICKWORK IN FOUNDATIONS (PROVISIONAL)				
	<u>Brickwork of "Corobrik or similar approved" NFX burnt clay bricks (14 MPa nominal compressive strength) in class I mortar.</u>				
1	One brick walls (LI)	m2	65		
	BRICKWORK IN SUPERSTRUCTURE				
	<u>Brickwork of "Corobrik or similar approved" NFX burnt clay bricks (14 MPa nominal compressive strength) in class I mortar</u>				
2	One brick wall. (LI)	m2	182		
3	One brick walls in beamfilling	m2	21		
	BRICKWORK SUNDRIES				
	<u>Builders work in connection with services in Brick walls (form hole including making good).</u>				
4	Holes for pipes, ducts, etc n.e 0.1m2	no	5		
	Joint forming material in movement joints:				
5	10mm Jointex filler 220mm wide with tear-off strip seal 10 x 10 with Sikaflex Pro 2HP between brick skins, concrete, etc (Provisional).	m	20		
	Brickwork reinforcement:				
6	150mm Wide reinforcement built in horizontally	m	517		
7	Ditto, but in foundations .	m	85		
	Prestressed fabricated lintels:				
8	150 x 70mm Lintels in lengths not exceeding 3m	m	11		
	Galvanised hoop iron cramps, ties, etc:				
9	40 x 1,6mm "Tibond or similar approved" wall tie strips 800mm long shot pinned to concrete and with other end bent out and built into brickwork (maximum 425mm vertical)	no	24		
	Wall tie				
10	30 x 1,6mm Roof tie 1500mm long with one end fixed to timber and other built into brickwork or concrete	no	44		
	Air bricks, etc. (Provisional)				
11	229 x 152 x 35mm Clay verminproofed louvered airbrick. (LI)	no	8		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>Fibre-cement natural grey sills in single lengths bedded in class I mortar including metal fixing lugs etc:</u>				
12	15 x 150mm Wide sills set sloping and slightly projecting.	m	14		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 5 <u>WATERPROOFING</u> DAMP PROOFING OF WALLS AND FLOORS				
	<u>One layer of 375 micron "Brikgrip DPC (SABS) or similar approved" embossed damp proof course well lapped at joints and intersections bedded and joined in cement mortar</u>				
13	In walls	m2	15		
	<u>One layer of 375 micron "Brikgrip DPC (SABS) or similar approved" embossed damp proof course wrapped around timber roof members</u>				
14	Around 50 x 152mm rafters through one brickwork	No	8		
	<u>One layer of 250 micron 'Consol Plastics Gunplas Green' waterproof sheeting sealed at laps with 'Gunplas Pressure Sensitive Tape':</u>				
15	Under surface beds, lapped 50mm and sealed at all joints (measured net).	m2	115		
	<u>WATERPROOFING TO ROOFS, BASEMENTS, ETC</u>				
	<u>One layer "Bituthene 3000 or similar approved" fully bonded waterproofing to:</u>				
16	Around aluminium frames	m2	2		
	<u>Glass fibre bandage flashing membrane set in two coats bitumen flashing compound:</u>				
17	Bandage flashing 150mm wide to roofs.	m	84		
	<u>JOINT SEALANTS ETC</u>				
	<u>Clear neutral silicone sealant:</u>				
18	In joint sealing and pointing all round external window and door frames.	m	52		
19	In joint sealing and pointing between cornice and walls.	m	84		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 6 ROOF COVERINGS				
	<u>'Saflok Charcoal grey' corrugated roof sheet 0.5mm thick roof sheeting as per manufacturer's specification on 75 x 50mm timber purlins at 1200mm maximum centres on 114 x 38mm timber trusses at maximum 1400mm centres.</u>				
1	Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m.	m2	134		
2	Ridge capping, 408mm girth	m	13		
3	Side wall flashing, 408mm girth	m	0		
	ROOF AND WALL INSULATION				
	<u>"Super Sisalation" Heavy Industrial Grade 420 or other approved - Double sided reflective foil laminate incorporating layers of kraft paper and reinforcing scrim, laminated together with low density polyethylene (293gsm);</u>				
4	Insulation laid taut over purlins (at approximately 1m centres) and fixed concurrent with roof covering, including taped laps and nylon / galvanised straining wires.	m2	134		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 7 CARPENTRY AND JOINERY ROOFS ETC Sawn softwood: PREFABRICATED ROOF TRUSSES, ETC. Roof construction to pitched roof 7.5 x 12.5 m overall building on plan to 22 degree pitch with 300mm eaves overhang on two sides including trusses, jack rafters, permanent bracing , loose connectors, hangers, stainless steel 10mm diameter round bar struts, bolts and 50 x 76mm purlins at 900mm centres hoisted into position at maximum of 3700mm high all complete in accordance to manufactures recommendation (wall plates elsewhere).	No	1		
1	38 x 114mm Wall plate	m	29		
2	50 x 76mm Bearer fascia support	m	46		
	<u>EAVES, VERGES, ETC.</u> <u>High density plain Nutec-cement:</u> 225 x 12mm thick fascia boards and barge board fixed to timber rafters twice screwed with 12 x 40mm countersunk brass screws with heads filled and aluminium H-profile corner joiners at board ends	m	45		
3					
4	Eaves soffit coverings 600mm wide of 4mm thick sheets, including 38 x 38mm sawn softwood brander along edges, along centre and at 1.20m centres across sheets	m2	27		
	<u>DOORS ETC.</u> 44mm Framed ledged, braced and battened door 813 x 2032mm high of 44 x 108mm top rail and stiles, 22 x 108mm middle ledge and braces and 22 x 222mm bottom ledge filled in with 22 x 70mm tongued, grooved and V-jointed one side boarding and covered on the other side with 3mm plywood with	no	2		
5					
	<u>Approved semi-solid flush doors, with masonite veneer both sides and with hardwood edge strips, tongued and grooved on to edges, hung to steel or timber frames:</u> 44mm Thick, single flush door semi solid core door, size 813 x 2032mm high.(internal)	No	4		
6					
	<u>NOTICEBOARDS, KEYBOARDS, DUCKBOARDS.</u> <u>Pinning boards in classrooms</u> Pinning board size 900mm x 600mm high overall glued on instructions	No	1		
7					

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<p><u>CUPBOARDS IN CLASSROOMS,ETC</u></p> <p><u>The following cupboard fittings are measured as complete units, i.e., the components of the units are not seperately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, nailing, screwing with sunk screws, edge strips, decorative laminates, glass, ironmongery, metalwork, paint or varnish finish, etc., and silicone against all wall and floor surfaces. The descriptions of all fittings contain a reference to the applicable Architect's drawing and tenderers are refered to these drawings for the full specification and detailing of the various fittings Prices will be deemed to include for everything necessary to complete the installation of the fittings as depicted on the drawings and no extras in this regard will be entertained</u></p>				
1	Shelving unit to wall, 2 600mm long x 2 130mm high overall comprising no. 4 shelves 450mm deep	No	2		
	<p><u>Office Desks, Cupboards, etc</u></p> <p><u>Joinery to Store room :</u></p>				
2	Cupboard unit 2 050mm long x 900mm high with full height doors	No	1		
	<p><u>Joinery in pantry :</u></p>				
3	Cupboard unit 1 050mm long x 900mm high with full height doors	No	1		
	<p><u>Joinery to Kitchen:</u></p>				
4	L-shaped counter unit 4 920mm overall girth, comprising worktop with no.4 cupboard units below and with cutout for sink (sink supplied and fitted by others)	No	1		
	<u>BUDGETARY ALLOWANCES :</u>				
	<u>BED TO SICK-BAY</u>				
5	Allow a Provisional sum of R8000,00 (Eight Thousand Rand) for one single bed to sick bay	item	1		
	<u>KITCHEN EQUIPMENT</u>				
6	Allow a Provisional sum of R4000,00 (Four Thousand Rand) for one microwave oven in accordance to the architect's specification	item	1	R 4 000,00	R 4 000,00
7	Allow a Provisional sum of R6000,00 (Six Thousand Rand) for one fridge in accordance to the architect's specification	item	1	R 6 000,00	R 6 000,00
8	Allow a Provisional sum of R20 000,00 (Twenty Thousand Rand) for one gas cylinder and 3 burner gas stove in accordance to the client's requirements	item	1	R 20 000,00	R 20 000,00

TOTAL CARRIED FORWARD					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>SCHOOL FURNITURE AND LEARNING EQUIPMENT</u>				
9	Provide the amount of R40 000,00 (Forty Thousand Rand) desks and chairs for kids teacher's office equipement desks to classrooms.(Provisional)	item	1	R 40 000,00	R 40 000,00
10	Provide the amount of R40 000,00 (Forty Thousand Rand) for learning equipment	item	1	R 40 000,00	R 40 000,00
11	Provide one (1) Regulations 3 First aid kit, large (5-50 persons) suitable for creches and schools with contents that satisfy national OHS Act all cointained in a white metal lockable box measuring 450mm x350mm x 120mm deep with one shelf,bearing the green first aid cross on its lid, fixed to wall	No	1		

TOTAL CARRIED FORWARD					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 8 <u>CEILINGS PARTITIONS AND ACCESS FLOORING</u> <u>NAILED UP CEILINGS</u> <u>12.5mm "Rhino" gypsum plasterboard with 63mm wide strips of mesh scrim nailed over joints and the whole finished with skim plaster trowelled to a smooth polished surface</u>				
1	Ceiling including 38x38mm SA pine brandering at 600mm centres	m2	111		
2	Extra over ceilings for 650 x 650mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brandering covered with ceiling board and fitted flush in opening	No	1		
	<u>Shadow line cornice</u>				
3	Shadowline cornice to nailed up ceiling	m	89		
	<u>CEILING TIMBERS, BEADS, INSULATION, ETC</u>				
	<u>Aerolite Insulation</u>				
4	2 Layers of 50mm thick fibre glass blanket laid on top ceiling brandering between roof timbers,etc	m2	111		
	<u>PARTITIONINGS, ETC.</u>				
	<u>95mm Thick partitioning consisting of a stud and track system with 63,5 x 35mm "Donn Drywall UltraSTEELÖ" studs at 600mm centres, friction fitted into head and floor track cladded on both sides with a single layer of 15mm thick FireStop board fixed with "RhinoBoard" sharp point screws at 220mm centres, all external angles to have drywall cornerbeads "RhinoTape". Insulation to cavity to be of EnergyLite. Wall attached and all joints to be covered with surface (at taped joints) to be finished with minimum 3mm thick skim plaster (Rhinolite), all in accordance with the manufacturer's recommendations</u>				
	<u>Partitions between floors and ceilings</u>				
5	Partitioning 3200mm high with top and bottom tracks plugged	m	10		
	<u>Extra over partition for vertical abutment</u>				
6	Ditto, but for corner	no	2		
7	Ditto, but for T intersection	no	4		
	<u>Extra over 95mm thick partitioning to form opening for timber doors (elsewhere measured), including capping-off partitioning around opening with a suitable aluminium frame</u>				
8	For door size 813 x 2032mm high	no	2		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 9 <u>IRONMONGERY</u> HINGES, BOLTS, ETC Hinges: "Dorma": B3599 x 300mm SC "W&B Hardware" lever action flush bolt to top 'Ward' face of inactive leaf	No	12		
	<u>HANDLES, KEYHOLES, LOCKS ETC</u> The following locks are in one set with a master key: <u>"Union"</u>				
2	Standard two lever mortice lockset	No	12		
3	2 x 19SC euro profile knob cylinder and turn, master keyed	No	6		
	<u>HANDLES</u> <u>"Union"</u>				
4	AL687-09AS Bishop lever door furniture	No	3		
	<u>LETTERS, NAMEPLATES, ETC</u> <u>Approved 1.2mm thick aluminium</u>				
5	150 x 150mm Tea cup sign	No	1		
6	150 x 150mm Cleaner sign	No	1		
7	150 x 150mm Kids sign	No	1		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO 10 METALWORK ALUMINIUM WINDOWS, DOORS ETC WINDOWS <u>All aluminium units to comply with AAAMSA standards concerning sections and sizes and to be Dark Bronze anodised with 4mm thick laminated tinted safety glass, complete with subframes, ironmongery, glass, sealing, including burglar bars by manufacturer etc and fixing to brickwork.</u> Charcoal grey aluminium window size 1800 x 900mm high (W1), architect to confirm detailed window specification as per window schedule Charcoal grey aluminium window size 1800 x 1200mm high (W2) , architect to confirm detailed window specification as per schedule Charcoal grey aluminium window size 1500 x 1500mm high (W3) , architect to confirm detailed window specification as per schedule Charcoal grey aluminium window size 1500 x 600mm high (W4) , architect to confirm detailed window specification as per schedule SECURITY GATES GALVANISED PRESSED STEEL DOOR FRAMES GALVANISED PRESSED STEEL DOOR FRAMES Single gate size 2620 x 2105mm overall, formed of 8 x 44mm steel flat frame welded at angles, divided into three sections with two cross rails, 12mm diameter vertical bars at 120mm centres max, hung on pair of socketted and pinned hinges with pin 18mm in diameter and bolt to blockwork and with 200mm locking bolt welded on, to suit clear opening size of standard single door measured on site before ordering 1.6mm Mild steel single rebated frames suitable for one brick walls Frame for door 2700 x 2193mm high				
1	Charcoal grey aluminium window size 1800 x 900mm high (W1), architect to confirm detailed window specification as per window schedule	No	2		
2	Charcoal grey aluminium window size 1800 x 1200mm high (W2) , architect to confirm detailed window specification as per schedule	No	2		
3	Charcoal grey aluminium window size 1500 x 1500mm high (W3) , architect to confirm detailed window specification as per schedule	No	2		
4	Charcoal grey aluminium window size 1500 x 600mm high (W4) , architect to confirm detailed window specification as per schedule	No	1		
5	Single gate size 2620 x 2105mm overall, formed of 8 x 44mm steel flat frame welded at angles, divided into three sections with two cross rails, 12mm diameter vertical bars at 120mm centres max, hung on pair of socketted and pinned hinges with pin 18mm in diameter and bolt to blockwork and with 200mm locking bolt welded on, to suit clear opening size of standard single door measured on site before ordering	No	2		
6	Frame for door 2700 x 2193mm high	No	1		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>BILL NO.11</u>				
	<u>PLASTERING</u>				
	<u>SCREEDS</u>				
	30mm Thick on floors and landings. (LI)	m2	111		
	<u>GRANOLITHIC</u>				
	<u>INTERNAL PLASTER</u>				
	<u>Cement plaster on brickwork:</u>				
1	On walls	m2	238		
2	On narrow widths not exceeding 300mm wide	m2	3		
	<u>EXTERNAL PLASTER</u>				
	<u>Cement plaster on brickwork:</u>				
3	On walls	m2	126		
4	On gable end	m2	21		
5	On narrow widths not exceeding 300mm wide	m2	5		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>BILL NO 12</u> <u>TILING</u> <u>FLOOR TILES</u> 300 x 300 x 2,5mm Thick thru-flash fully-flexible vinyl floor tiles fixed with acrylic adhesive:				
1	On floors	m2	93		
	Polish, sealers, etc:				
	Scrub with diluted detergent complying with SABS 825, thoroughly rinse and apply three coats water based floor dressing complying to SABS 1042 in accordance with the manufacturers instructions:				
2	On vinyl flooring.	m2	93		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO 13 <u>PLUMBING AND DRAINAGE (PROVISIONAL)</u> <u>RAINWATER DISPOSAL:</u> <u>"Watertite" or similar approved PVC:</u> 120mm Wide box eaves gutter fixed to fibre-cement fascia board as described. Extra on eaves gutter for stopped end. Extra on eaves gutter for external angle. 100mm Diameter square rainwater pipe fixed to walls Extra over for shoe. Extra over for bend. <u>WATER SUPPLIES</u> <u>"Jojo" water tanks, etc</u> 2 500 Litre cylinder vertical tank complete with lid and standard outlet fitted with and including 30mm pipe, including constructing at tank stand 2m x 2m x 1,5m including foundation and setting in position on stand and tying down with three double strands of 4mm diameter galvanised wire with ends secured into the stand (Note: tanks to be with water before Pactical Completion)	m No No m No No	31 8 8 11 4 8		
7		No	3		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO 14 GLAZING TOPS, SHELVES, DOORS, MIRRORS, ETC. <u>6mm framed mirror with edges holed for and fixed with screws with rubber buffers to plugs in brickwork or concrete:</u>				
1	Mirror 600 x 1200mm high.	No	1		

TOTAL CARRIED TO THE SUMMARY					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>MAIN : CLASSROOM</u>				
1	DEMOLITIONS			R	-
2	EARTHWORKS (PROVISIONAL)			R	-
3	CONCRETE FORMWORK AND REINFORCEMENT			R	-
4	MASONARY			R	-
5	WATERPROOFING			R	-
6	ROOF COVERING, ETC			R	-
7	CARPENTRY AND JOINERY			R	-
8	CEILINGS, PARTITIONS AND ACCESS FLOORING			R	-
9	IRONMONGERY			R	-
10	METALWORK			R	-
11	PLASTERING			R	-
12	TILING			R	-
13	PLUMBING AND DRAINAGE (PROVISIONAL)			R	-
14	GLAZING				

TOTAL CARRIED TO THE MAIN SUMMARY		R -

BOLANI PRE SCHOOL ABLUTION FACILITIES - PIT LATRINES					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	BILL NO 01				
	<u>EARTHWORKS (PROVISIONAL)</u>				
	<u>EXCAVATION, ETC OTHER THAN BULK</u>				
	<u>Site clearance etc:</u>				
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m2	30		
	<u>Excavation in earth not exceeding 2m deep:</u>				
2	Trenches (LI)	m3	6		
3	Holes	m3	48		
	<u>Extra over trench and hole excavations in earth for excavation in:</u>				
4	Soft rock (LI)	m3	4		
5	Hard rock (LI)	m3	2		
	<u>Extra over all excavations for carting away:</u>				
6	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	46		
	<u>Risk of collapse of excavations:</u>				
7	Sides of trench and hole excavations not exceeding 1,5m deep.	m2	20		
	<u>Keeping excavations free of water:</u>				
8	Keeping excavations free from mud and all water including subterranean sources.	item	1		
	<u>EARTH FILLING, ETC.</u>				
	<u>Imported natural G7 Gravel compacted to 95% Mod AASHTO density in maximum 150mm thick layers at optimum moisture content:</u>				
9	Backfilling to trenches, holes, etc	m3	16		
	<u>Compaction of surfaces:</u>				
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 98% Mod AASHTO density.	m2	28		
	<u>Prescribed density tests on filling:</u>				
11	Allow for compaction tests by an approved laboratory to determine density of filling material.	no	4		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>BILL NO. 2</u> <u>CONCRETE, FORMWORK AND REINFORCEMENT</u> <u>UNREINFORCED CONCRETE CAST IN OR AGAINST WALLS</u>				
	<u>15MPa/19mm concrete:</u>				
1	Surface blinding under footing and bases	m3	1		
	<u>REINFORCED CONCRETE CAST</u> <u>AGAINST EXCAVATED</u> <u>SURFACES</u>				
	<u>25MPa/19mm concrete:</u>				
2	Footings to walls (Provisional).	m3	5		
3	Surface beds	m3	2		
	<u>CONCRETE TESTS</u> <u>Test blocks:</u>				
4	Making and testing set of three 150x150x150mm concrete strength	No	4		
	<u>CONCRETE SUNDRIES</u>				
	<u>Finishing top surfaces of concrete smooth with a wood float:</u>				
5	Surface beds, slabs, etc	m2	20		
6	REF. 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	20		
	<u>High tensile steel reinforcement to structural concrete work:</u>				
7	16mm Diameter bars	t	1		
8	8mm Diameter bars.	t	1		
9	12mm Diameter bars.	t	1		
10	10mm Diameter bars.	t	2		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 4				
	<u>MASONRY</u>				
	<u>BRICKWORK IN FOUNDATIONS (PROVISIONAL) TO PIT TOILETS</u>				
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar:</u>				
1	One brick walls (LI)	m2	9		
	<u>SUPERSTRUCTURE</u>				
	<u>Brickwork of NFP bricks in Class II mortar:</u>				
2	One brick walls.	m2	62		
3	Half brick walls	m2	11		
	<u>BRICKWORK SUNDRIES</u>				
	<u>Weepholes, openings etc.</u>				
4	Form weep hole size 80 x 140mm thick through brick wall with internal and external plaster.	no	4		
	<u>Bagging the pit walls with 1:3 cement and sand mixture:</u>				
5	To walls (Provisional)	m2	34		
	<u>Brickwork reinforcement:</u>				
6	75mm Wide reinforcement built in horizontally.	m	181		
7	Ditto, but in foundations (Provisional).	m	679		
8	150mm Wide reinforcement built in horizontally.	m	340		
	<u>Prestressed fabricated lintels:</u>				
9	110 x 75mm Lintels in lengths not exceeding 3m.	m	6		
	<u>Cramps, ties, etc:</u>				
10	30 x 2mm Galvanized hoop iron roof tie 1500mm long with one end fixed to timber and other built into blockwork or concrete.	No	26		
	<u>Air bricks etc:</u>				
11	230 x 160mm Cement vermin proof air brick.	no	14		
12	Cement mortar beamfilling 110mm wide to close gap between walls and roof sheeting +-76mm thick.	m	8		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 6 <u>WATERPROOFING</u>				
	DAMPPROOFING OF WALLS AND FLOORS				
	<u>One layer of 250 micron 'USB GREEN' waterproof sheeting sealed at laps with 'Gunplas Pressure Sensitive Tape':</u>				
1	Under surface beds.	m2	14		
	<u>One layer of 375 micron "Brikgrip DPC (SABS) or similar approved" embossed damp proof course wrapped around timber roof members</u>				
2	In walls etc.	m2	14		
3	Around 50 x152 mm rafters through one brickwall	no	5		
	<u>WATERPROOFING TO ROOFS, BASEMENTS, ETC</u>				
	<u>Glass fibre bandage flashing membrane set in two coats bitumen flashing compound:</u>				
4	Bandage flashing 150mm wide to roofs.	m2	36		
	<u>JOINT SEALANTS ETC</u>				
	<u>Clear neutral silicone sealant:</u>				
5	In joint sealing and pointing all round external window and door frames.	m	45		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 6 ROOF COVERINGS <u>RIBBED SHEETING AND ACCESSORIES</u> <u>0.58mm Nominal thickness IBR roofing sheets with silicone polyester top finish or colomet equal, colour as per architect to one side and standard grey backing coat to other side, etc., with 275g/m2 galvanising to both sides with one and a half corrugation side lap including fixing to timber purlins at approximately 1.000mm centres including all screws, bolts, washers, etc, strictly in accordance with manufacturer's specification.</u>				
1	Roof covering with pitch not exceeding 15 degrees.	m2	18		
2	Ridge capping, 408mm girth	m	5		
	<u>0.58mm Nominal thickness ditto, but flashings:</u> <u>ROOF AND WALL INSULATION</u> <u>"Super Sisalation" Heavy Industrial Grade 420 or other approved - Double sided reflective foil laminate incorporating layers of kraft paper and reinforcing scrim, laminated together with low density polyethylene (293gsm):</u>				
3	Insulation laid taut over purlins (at approximately 1m centres) and fixed concurrent with roof covering, including taped laps and nylon / galvanised straining wires.	m2	20		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 10 CARPENTRY AND JOINERY				
	PREFEBRICATED ROOFS TRUSSES ETC				
	Plate nailed timber roof truss construction				
1	Manufacture, Supply and install new roof trusses size 8.83 x 4.73mm flat on plane comprising of all necessary rafter, purlins batterns etc including all trusses, jack rafter, permanent bracing and 75 x50mm sa pine purlins at 1200mm maximum centres for covering all necessary fixtures and fittings all in accordance with Architect's drawings, all purlins fixed to rafter with approved hurricane clips and trusses fixed to wall plates with approved roof ties (wall plate elsewhere measured). All exposed timber eaves, verges etc are to be wrot and including painting with two coats "ABE PROVONITE" installed complete	No	1		R -
	ROOF CONSTRUCTION				
	Treated Sawn softwood:				
4	38 x 114 Wall plate	No	16		
5	50 x 76mm purlins	No	74		
6	50 x 76mm Bearer fascia support	M	19		
	EAVES, VERGES, ETC.				
	Medium density plain fibre-cement fascias and barge boards				
7	225 x 12mm thick fascia boards and barge board fixed to timber rafters twice screwed with 12 x 40mm countersunk brass screws with heads filled and aluminium H-profile corner joiners at board ends	m	19		
	High density plain Nutec-cement				
8	Eaves soffits coverings 600mm wide of 4mm thick sheets, including 38 x38mm sawn softwood brandering along edges, along centres and at 1.20m centres across sheets	m	6		
	SKIRTING				
	"Meranti"				
9	19 x 150mm Moulding skirting fixed to wall including 19mm quadra	m	0		
	DOORS ETC. V03				
	Approved semi-solid flush panel doors, with masonite veneer both sides and with hardwood edge strips, toungued and grooved on to edges, hung to steel steel or timber frames:				
10	40mm Thick, single flush door semi solid core louver door, size 813 x 1,832mm high.	no	2		
11	40mm Thick, single flush door semi solid core louver door, size 813 x 1,200mm high.	no	3		

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

	<u>FRAMED FRAMES ETC</u>				
	<u>Wrought meranti:</u>				
12	44 x 70mm door frames size 900 x 2125mm .	m	10		
	<u>JOINERY FITTINGS</u>				
	<u>Fittings:</u>				
13	Provide an amount of R 10 000.00 (Ten thousand rand) for the supply and installation of counter in accordance with Architects specification	item			R 10 000,00
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 10 CEILING PARTITIONS AND ACCESS FLOORING <u>NAILED UP CEILINGS</u> <u>12.5mm "Rhino" gypsum plasterboard with 63mm wide strips of mesh scrim nailed over joints and the whole finished with skim plaster trowelled to a smooth polished surface</u>				
1	Ceiling including 38x38mm SA pine brandering at 600mm centres with cross brandering at joints, end of sheets and light fitting, etc	M2	8		
2	Extra over ceilings for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brandering covered with ceiling board and fitted flush in opening	NO	0		
	<u>Shadow line cornice</u>				
3	Shadowline cornice to suspended ceiling	m	29		
	"Nucornice" Fibre cement cornices:				
4	75mm coved cornice nailed.	m	21		
5	100mm mineral wool ceiling insulation blanket laid on top ceiling brandering between roof timber, etc	m2	14		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO. 11 <u>IRONMONGERY</u>				
	HINGES, BOLTS, ETC Hinges: "Dorma":				
1	Dormakaba 102 x 75 x 2mm Stainless Steel two ball bearing butt hinge DBB-SS-009)	PAIRS	5		
	<u>HANDLES, KEYHOLES, ETC</u> LOCKS The following locks are in one set with a master key: <u>"Union"</u>				
2	DHP-301A' Tubular stainless pull handle 305mm long x 25mm diameter bolted to stainless steel plate with 2 only M8 x 25mm hex. Headed galv. Bolts and washers(bolts elsewhere measured)	NO	5		
	<u>Sundries:</u> <u>"Union"</u>				
3	Stainless steel soap dispensers 1,250ml soap capacity lockable grade 304 stainless steel casing (0.8mm thick) with satin finish with manual top-up of soap reservoir. Brass pump mechanism can also dispense lotions and shampoos	NO	2		
4	TS68/2-4 Standard silver door closer	NO	2		
5	CZ8731SC Rubber bufferrd door stopper	NO	2		
6	Brushed stainless steel toilet roll holders with sight inspection hole. Holding 3 toilet rolls and lockable samples to be presented to architect for approval.	NO	4		
7	300 x 270 x 520mm High "Stratos STRX 605" (code 359730) or other app	NO	2		
	<u>LETTERS, NAMEPLATES, ETC</u> <u>Sign plates:</u>				
8	150 x 150mm Male/Female combined sign	NO	2		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO 11 METALWORK SUNDRY BRASS WORK: PRE-GALVANISED PRESSED STEEL DOOR FRAMES <p>Note : In accordance with an instruction from the Department of Public works all door frames and windows are to be galvanised, regardless of the locality of the school</p> 1.6mm Double rebated frames suitable for 230mm walls				
1	Mild steel frame for door size 900 x 2100mm high	No	1		
	ALUMINIUM WINDOWS All windows to be approved by the Architect prior to installation. <u>with 6.38mm laminated safety glass with clipon glazing beads, with neoprene seals and fixed with minimum three lugs per side in accordance with manufacturers instructions (See window schedule attached to these bills of quantities):</u>				
3	Dark bronze anodized aluminium window size 533 x 654mm high (W5), with one opening sections, top hung outward opening including burglar bars by manufacturer	NO	5		
	SECURITY GATE Hot dipped galvanised steel gates Single gate, formed of 8 x 44mm steel flat frame welded at angles, divided into three sections with two cross rails, 12mm diameter vertical bars at 70mm centres, hung on pair of socketted and pinned hinges with pin 18mm in diameter and bolted to blockwork and with 200mm locking bolt welded on, to suit clear opening size 2420 x 2100mm measured on site before ordering.				
4		No	1		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO.12				
	<u>PLASTERING</u>				
	<u>SCREEDS</u>				
1	30mm Thick on floors and landings. (LI)	m2	12		
	<u>GRANOLITHIC</u>				
	<u>Untinted granolithic, on concrete</u>				
2	30mm Thick on floors and landings	m2	12,0		
	<u>INTERNAL PLASTER</u>				
	<u>Cement plaster on brickwork:</u>				
3	On walls	m2	68		
4	On narrow widths not exceeding 300mm wide	m	17		
	<u>EXTERNAL PLASTER</u>				
	<u>Cement plaster on brickwork:</u>				
5	On walls	m2	48		
6	On narrow widths not exceeding 300mm wide	m	2		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>BILL NO. 13</u>				
	<u>TILING</u>				
	<u>FLOOR TILING</u>				
	400 x 400mm "Ceramic" glazed floor tiles with adhesive to screeds (screeds elsewhere) and flush pointed with waterproof tinted jointing compound				
1	On floors and landings	m2	13		
2	Skirting 100mm high	m	27		
	<u>SUNDRIES</u>				
	Aluminium strips:				
3	Aluminium tile edge strip	m	2		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
1	<p><u>BILL NO 14</u> <u>PLUMBING AND DRAINAGE (PROVISIONAL)</u> <u>RAINWATER DISPOSAL:</u></p> <p><u>PVC Vynadeep Gutters:</u></p> <p>Provide the amount of R60000 (sixty thousand rands) supply and installation of plumbing and Drainage items such as: rainwater disposals, soil drainage, sanitary fittings, sanitary plumbing, water supplies, etc.</p>	Item	1	R 60 000,00	R 60 000,00
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>BILL NO. 15</u>				
	<u>GLAZING No 1</u>				
	<u>MIRRORS</u>				
1	6 mm Float glass multiple silvered mirror size 600 x 1200 mm with polished and bevelled edges, holed and screwed with four chromium plated dome headed screws with rubber spacer washers behind, to and including hardwood plugs in wall.	m	1		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO 16 <u>PAINTWORK</u> <u>PAINTWORK, ETC TO NEW WORK</u> <u>FLOATED PLASTER SURFACES WITH, ETC</u> Prepare and brush to remove all loose contaminants and apply two coat "Dulux Duraseal" alkali resistant primer and two coats "Dulux Wash 'N Wear Silk" paint or similar approved:				
1	On internal plastered walls:	M2	29		
2	On narrow widths	M2	9		
	Prepare and brush to remove all loose contaminants and apply one coat primer and three coats "Dulux weatherguard" light texture matt finish paint or similar approved:				
3	On External plastered walls:	m2	56		
4	On narrow widths	m2	12		
	<u>SKIMMED SURFACES WITH:</u> One coat universal undercoat and two coats "super PVA acrylic emulsion or similar approved" paint on				
5	Ceilings, bulk heads and cornices	M2	14		
	<u>IN FIBRE CEMENT</u> One coat bonding liquid and two coats "Dulux Weatherguard" or similar approved:				
6	On fascia and barge boards	M2	2		
	<u>ON WOOD</u> Two coats oil wood primer and two coats "Dulux Wash 'N Wear Silk" or similar approved paint on:				
7	On general surfaces of doors.	M2	18		
	Two coats oil wood primer and two coats "Dulux Woodguard Timbavarnish Dark Oak" varnish or similar approved paint on:				
8	Backs of frames, linings, architraves etc not exceeding 300mm wide	M	19		
	<u>ON METAL</u> One coat water based primer, two coats premium quality polyurethane enamel paint, on galvanised steel or similar approved:				
9	Security gates.	M2	11		
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
1	<p>BILL NO 16 EXTERNAL WORK BULK EARTHWORKS, PLATFORMS, CUT-OFF DRAINS, ETC</p> <p><u>Excavations in earth:</u></p> <p>Allow a Provisional amount of R55 000,00 for external works to be co-ordinated as per architect's instructions</p>	Item			R 55 000,00
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	BILL NO.17				
	OCCUPATIONAL HEALTH AND SAFETY				
1	(C.01) Preparation of the Contractor's site specific Health and safety plan.	Item			
2	(C.02) Principal Contractor's initial obligations in respect of the Occupational Health and Safety Act and Construction Regulations.	Item			
3	(C.03) Principal contractor's time related obligations in respect of the Occupational Health and Safety Act and Construction Regulations.	Item			
	(C.04) Provision of Personal Protective Equipment (PPE)				
4	Reflective vests	Item			
5	Hard hats.	Item			
6	Protective foot wear.	Item			
7	Gloves	Item			
8	Earplugs	Item			
9	High visibility overalls to SARTSM Chapter 13 Level 3.	Item			
10	(C.05) Provision of full time Construction Health and Safety Officer	Item			
	(C.06) Cost of medical certificates and medical surveillance				
11	Initial (baseline) medical examinations.	Item			
12	Periodic and exit examinations.	Item			
13	Contractor's charges to allow for handling costs and profit in respect of medical examinations.	Item			
14	(C.07) Induction training.	Item			
15	(C.08) Provision of first Aid Boxes to GRS requirements.	Item			
	(C.09) Noise monitoring				
16	Establishment of noise zones (plant)	Item			
17	Audiograms (personnel)	Item			
18	(C.10) Submission of Health and Safety File.	Item			
TOTAL CARRIED TO THE SUMMARY					

CONSTRUCTION OF EARLY CHILDHOOD DEVELOPMENT CENTRE
AT BOLANI PRE-SCHOOL
ABLUTION FACILITY

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	
	<u>ABLUTIONS</u>				
1	DEMOLITIONS				
2	EARTHWORKS (PROVISIONAL)				
3	CONCRETE FORMWORK AND REINFORCEMENT				
4	MASONARY				
5	WATERPROOFING				
6	ROOF COVERING, ETC				
7	CARPENTRY AND JOINERY				
8	CEILINGS, PARTITIONS AND ACCESS FLOORING				
9	IRONMONGERY				
10	METALWORK				
11	PLASTERING				
12	TILING				
13	PLUMBING AND DRAINAGE (PROVISIONAL)				
14	GLAZING				
TOTAL CARRIED TO THE MAIN SUMMARY					

SECTION 4: PROVISIONAL AMOUNTS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>BUDGETARY ALLOWANCES</u>				
1	Allow a Provisional sum of R6000 (Six Thousand Two Hundred Rand Only) for the appointment of 3 PSC members at R400 per seating	Item	1	R 6 000,00	R 6 000,00
2	Provide the amount of R30,000.00 (Thirty Six thousand rand) for the appointment of Community Liaison Officer to be co-ordinated by contractor at R 6,000.00 per month for a period of 6 months	Item	1	R 30 000,00	R 30 000,00
	<u>ELECTRICAL INSTALLATION AND CONNECTION:</u>				
3	Provide the amount of R120,000.00 (One hundred and twenty thousand rand) for electrical installation and connection	Item	1	R 120 000,00	R 120 000,00
4	Profit	%			R -
5	Attendance	%			R -
	<u>LAND SURVEYOR</u>				
6	Allow an amount of R40 000 (Forty Thousand Rand) for the appointment of a Land surveyor	Item	1	R 40 000,00	R 40 000,00
7	Profit	%			
8	Attendance	%			
	<u>JUNGLE GYM</u>				
9	Provide the amount of R45,000.00 (Forty five thousand rand) for provision of Jungle gym to the play area as per architect's requirements.	Item	1	R 45 000,00	R 45 000,00
10	Profit	%			
11	Attendance	%			
	<u>ARTWORK</u>				
12	Provide the amount of R45,000.00 (Forty five thousand rand) for provision of ARTWORK as per architects requirements.	Item	1	R 45 000,00	R 45 000,00
13	Profit	%	1		
14	Attendance	%	1		
	<u>GAS INSTALLATION</u>				
15	Provide the amount of R25,000.00 (Twenty Five thousand rand) for Complete Gas installation to the kitchen,including galvanised framed metal gas cylinder cage suitable for storing (2) 19 kg gas cylinders, including providing training, operating and maintenance manuals, testing and provision of Certificate of Compliance (COC) on completion.	Item	1	R 25 000,00	R 25 000,00
16	Profit	%	1		
17	Attendance	%	1		

TOTAL CARRIED TO THE SUMMARY	
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SMME PACKAGE - FENCING					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>Galvanised welded Mesh or similar approved</u>				
1	Fencing formed of 50 x 100 x 2.5mm diameter galvanised wires facing outwards secured with "Howgring" clips or 1.6mm centres to top and bottom straining wires and 700 mm centres (straining wires elsewhere measured) including holes through	m	215		
2	Six strands of 4mm galvanised straining wires secured to galvanised wire inserted through hole in post and turned wire and attached to straining frame at one end with not straining bolts (elsewhere measured).	m	215		
	<u>Posts</u>				
3	75 - 100mm Diameter creosote treated gumpole intermediate necessary for wire or straining eye bolts and embedded 600mm 400 x 400 x 600mm deep cement concrete (15 MPa/19 mm earth, backfilling and ramming etc	no	72		
4	75 - 100mm Diameter creosote treated gumpole gate post including 75 - 100 mm stay post, for wire or straining eye ground in and including 400 x 400 x 600mm deep cement including all excavations in earth, backfilling and ramming	no	4		
5	Corner straining frame formed of three 75 - 100mm diameter horizontal braces each 1200mm long with bottom ends of as last described including all excavations in earth, backfilling	no	11		
	<u>Gates</u>				
6	Single pedestrain gate, size 900mm wide x 1800 mm high, x 3,25 mm wall thickness hot dip galvanised mild steel pipe welded angles and cross braces mullion and transome, scribed intersections, fixed gate posts, the gate covered with 50 x weldmesh , leaf fitted with three 24 mm diameter x 300 mm etc. 500 mm long approved chain spot fitted to gate with	no	1		
7	Vehicle gate, size 3000mm wide x 1800 mm high, formed mm wall thickness hot dip galvanised mild steel pipe framing angles and cross braces mullion and transome, scribed and intersections, fixed gate posts, the gate covered with 50 x weldmesh, both leafs fitted with three 24 mm diameter x holes, etc. 500 mm long approved chain spot fitted to gate	no	1		
	<u>Sundries:</u>				

12mm Diameter galvanised mild steel straining eye bolt with and washers, including hole through post or drilled and fixed	no	132		
TOTAL				

SMME PACKAGE - PAINTING

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>PAINTWORK</u> <u>PAINTWORK, ETC TO NEW WORK</u>				
	<u>Two coats stoep paint or similar approved</u>				
	Floors				
	<u>ON INTERNAL FLOATED PLASTER SURFACES</u>				
	<u>Prepare and brush to remove all loose</u> <u>contaminents and apply two coat "Dulux</u> <u>Duraseal" alkali resistant primer and two coats</u> <u>"Dulux Wash 'N Wear Silk" paint or similar</u> <u>approved:</u>				
1	On internal plastered walls	m2	238,00		
2	On narrow widths not exceeding 300 mm wide	m	20,00		
	<u>ON EXTERNAL FLOATED PLASTER SURFACES</u>				
	<u>Prepare and apply one undercoat and paint with</u> <u>two coats premium quality pure acrylic sheen</u> <u>PVA on:</u>				
3	On external plastered walls	m2	126,00		
4	On narrow widths not exceeding 300 mm wide	m	21,00		
	<u>ON FIBRE-CEMENT BOARD SURFACES</u>				
	<u>Prepare and paint one coat universal undercoat</u> <u>and two coats "super PVA acrylic emulsion or</u> <u>similar approved" paint on</u>				
5	Ceilings and cornices, including priming metal cover strips and nailheads	m2	124,00		
6	Fascias and barge boards not exceeding 300mm girth, including priming metal jointing strips	m	73,00		
7	Eaves soffits, including priming metal jointing strips	m2	10,00		
	<u>ON METAL SURFACES</u>				
	<u>Prepare and paint one coat enamel primer, one</u> <u>coat merit universal undercoat and two coats</u> <u>universal gloss enamel paint</u>				
8	Door frames	m2	46,00		

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>ON WOOD</u>				
	<u>Prepare and paint one coat Plascon Wood Primer, one coat Plascon Universal Undercoat, two coats Plascon Velvaglo Polyurethane Enamel paint. Colour to Architects approval</u>				
9	Door frames	m2	62,00		
10	On general surfaces of doors	m2	24,00		
11	On skirtings.	m	87,00		
	<u>PIT TOILETS</u>				
	<u>PAINTWORK ETC TO NEW WORK</u>				
	<u>ON PLASTERED SURFACES</u>				
	<u>Prepare and apply one undercoat and paint with two coats premium quality pure acrylic PVA for external use on:</u>				
12	External walls	m2	29,00		
	<u>Prepare and apply one undercoat and paint with two coats premium quality pure acrylic sheen PVA on:</u>				
13	Internal walls.	m2	57,00		
	<u>Scrub surface with degreaser, rinse thoroughly with tap water, and apply one coat Medal stoep paint thinned with 10% mineral turpentine and two coats of un-thinned Medal stoep paint on:</u>				
14	On concrete floated or screeded floors (Provisional).	m2	11,00		
	<u>Prepare and apply two coats "Brixeal" bitumen emulsion waterproofing coating on:</u>				
15	Toilet pit walls (Provisional).	m2	61,00		
	<u>ON WOOD</u>				
	<u>Prepare and apply one coat wood primer, one undercoat and two coats superior quality smooth gloss enamel on:</u>				
16	General surfaces of timbers at eaves.	m2	17,00		

SMME PACKAGE - PAINTING					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	TOTAL AMOUNT
	<u>Prepare and apply one coat wood primer, one undercoat and two coats superior quality eggshell enamel on:</u>				
17	Doors (all surfaces measured).	m2	14,00		
18	Frames, rails, etc not exceeding 300mm girth.	m	20,00		
	<u>Two coats wood primer on:</u>				
19	Backs of frames, linings, etc not exceeding 300mm wide.	m	16,00		
	<u>Three coats exterior quality penetrating wood preservative.</u>				
20	Roof timbers at eaves and verges.	m2	9,00		
	<u>ON METAL</u> <u>Clean down thoroughly with galvanised iron cleaner, wash down with water, and apply one coat bituminous paint on:</u>				
21	Backs of steel door frames not exceeding 300mm girth.	m	10,00		
	<u>ON uPVC</u> <u>Prepare and brush to remove all loose contaminants and apply two coats Dulux Weathergard light texture matt finish paint:</u>				
22	On pipes.	m2	8,00		
TOTAL					R -

CONSTRUCTION OF BOLANI PRE SCHOOL

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