	DESCRIPTION	UNIT	QUANTITY		
	IMPALA HIGH SCHOOL				
	SECTION 1				
	PRELIMINARIES				
	BILL NO. 1				
	PRELIMINARIES				
	Execution (A15-A23)				
1	Contractors Site Representatives , Site Camp, Management of Works, Compliance with Occupational Health and Safety Act and Construction Regulations ,Insurances and construction guarantees, Execution of Works, Adherance to EPWP Programme requirements including Local Community Sub-contractor & Labour Engagament & Management, Temporary Works, Services & Plant and Equipment and Security of Works	Item	1		
2	Without limiting the generality of the provisions of clause 7.0 the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the afore mentioned health and safety specification	Item	1		
	Carried to Final Summary				
	SECTION 2				
	BILL NO 1				
	ALTERATIONS (Provisional)				
1	Remove carbolinium, paint & mortar from external face bricks by means of high pressure water blasting or scrubbing with sugar soap, mortar lift or other such method.	m2	202		
2	Remove existing glass panels from steel windows, fixed with putty and prepare to receive new glass (measured elsewhere)	m2	5		
3	Take out & remove door ironmongery to receive new (measured elsewhere)	no	4		
4	Service all indicator locks	no	12		
5	Remove temporary fence	m	103		
	Carried Forward to Summary of Section No. 2				

	BILL NO 2				
	WATERPROOFING				
	JOINT SEALANTS, ETC				
	Thioflex 600 polysulphide sealing compound, including bond breaker, backing cord, primer, etc. and raking out of joint filler as necessary				
1	12mm x 12mm Deep vertical expansion joints (Provisional).	m	87		
	Secomastic non-hardening waterproof compound in pointing all round frames at junctions with brickwork or concrete and leave perfectly watertight				
2	Steel door or window frames.	m	69		
	Carried Forward to Summary of Section No. 2				

	BILL NO 3				
	ROOF COVERINGS, ETC				
	PROFILED METAL SHEETING AND ACCESSORIES				
	Sundries				
1	Extra over roof sheeting for fixing every crown at eaves	m	23		
2	Extra over roof sheeting for fixing every crown at ridge	m	23		
	Carried Forward to Summary of Section No. 2				

	BILL NO 4				
	CARPENTRY AND JOINERY				
	ROOF TRUSSES, ETC.				
	Wrought softwood				
1	50 x 76mm Trimmers	m	73		
	Sundries				
2	Two coats creosote on sawn timbers	m2	20		
36	Teco two way hurricane clips	No	95		
	Carried Forward to Summary of Section No. 2				

	BILL NO 5				
	IRONMONGERY				
	LOCKS & HANDLES				
	"Assa Abloy" or simmilar approved				
1	AL6C45-05AS/L-22315-76SS/2 x 18sc ""Ceder"" Cylinder lock set with striking plate fixed to metal.	No	4		
2	37651RH Indicator bolt with keep fixed to metal.	No	1		
3	300mm 'ASSA ABLOY' pull handle flange (Code: AL5515-300FLAS).	No	2		
	PUSH PLATES AND KICKING PLATES				
	"Assa Abloy" or simmilar approved				
4	300 x 900 x 1.6mm Kick Plate.	No	1		
	LETTERS, NAMEPLATES, ETC				
	"Assa Abloy" or simmilar approved				
5	AL 5022-E10 anodised aluminium signage plate with male symbol.	No	2		
6	AL 5022-E11 anodised aluminium signage plate with female symbol.	No	2		
7	AL 5066-06ASE14 anodised aluminium signage plate (Paraplegic).	No	1		
	BATHROOM FITTINGS				
	"Chairman Industries" or simmilar approved				
8	32mm Type "SR2" stainless steel wall mounted back grab rail plugged and screwed.	No	1		
9	32mm Type "DL2" stainless steel wall mounted side grab rail plugged and screwed.	No	1		
	"FRANKE Chronos" or simmilar approved				
10	CHRH 401 mirror, size 300 x 300mm high plugged and screwed.	No	8		
	SUNDRIES				
	"Assa Abloy" or simmilar approved				
11	87001SS Floor mounted door stop, plugged.	No	4		
	Carried Forward to Summary of Section No. 2				

	BILL NO 6				
	PLASTERING				
	POLYURETHANE RESIN				
	Prepare existing painted floor and apply one coat "Flowprime 102" and broadspread 1.1mm silica sand into wet primer until refusal, apply one 6mm thick coat "Flowfresh HF" heavy duty mortar, all in accordance with manufacturers instructions and applied by an approved applicator.				
1	On Floors.	m2	77		
	Carried Forward to Summary of Section No. 2				

	BILL NO 7				
	TILING				
	WALL TILING				
	150 x 150 x 5mm White glazed ceramic tiles fixed with adhesive to plaster (plaster elsewhere)				
1	On walls in isolated panels, splash backs, etc. (Provisional).	m2	6		
	SUNDRIES				
	Floor and wall trims				
2	10mm Straight edge trim as "Kirk Marketing" M.Trim s(Code : SSE100.NA 10mm), fixed between tile	m	8		
	Carried Forward to Summary of Section No. 2				

	BILL NO 8				
	PLUMBING AND DRAINAGE (PROVISIONAL)				
	SOIL DRAINAGE				
	uPVC gulleys				
1	100mm Dished gulley not exceeding 1000mm deep.	No	3		
	RAINWATER DISPOSAL				
	Seamless mild steel Ogee gutters with backed enamel finish fixed to suppliers specification, with 100 x 75mm fluted mild steel downpipes with baked enamel finish fixed as per suppliers detail. Bracket min. 450mm centres				
2	Gutter bracket min. 450mm centres	no	23		
	Carried Forward to Summary of Section No. 2				

	BILL NO 9				
	GLAZING				
	GLAZING TO STEEL WITH PUTTY				
	6.38m Obscure Laminated glass				
1	Panes not exceeding 0,1m².	m2	5		
	Carried Forward to Summary of Section No. 2				

	BILL NO 10				
	PAINTWORK				
	PAINTWORK ETC TO EXISTING WORK				
	ON PLASTER				
	Wash down walls and apply two coats "Plascon Wall and All" paint				
1	On plaster	m2	301		
	ON WOOD				
	Lightly sand down and apply two coats "Plascon Velvaglo Polyurethane Velvet Enamel (VLO)" paint				
2	On doors.	m2	42		
	PAINTWORK ETC TO NEW WORK				
	ON PVC				
	Lightly sand surface and apply one coat "Merit Universal Undercoat (UC1) and two coats "Super Universal Enamel" paint				
3	On vent pipes not exceeding 100mm diameter (Black)	m	46		
	ON PUTTY				
	One coat "Merit Universal Undercoat (UC1) and two coats "Super Universal Enamel" paint				
4	On windows	m2	5		
	Carried Forward to Summary of Section No. 2				

	SECTION SUMMARY - IMPALA HIGH SCHOOL				
1	Alterations				
2	Waterproofing				
3	Roof Coverings				
4	Carpentry & Joinary (Provisional)				
5	Ironmongery				
6	Plastering (Provisional)				
7	Tiling				
8	Plumbing & Drainage (Provisional)				
9	Glazing				
10	Paintwork				
	Carried to Final Summary				

	SECTION 3				
	SITE WORKS (PROVISIONAL)				
	BILL NO 1				
	GENERAL SITEWORKS				
	DEMOLITIONS				
	Carefully demolish and remove existing, including necessary excavations, filling, compaction, roughly levelling ground surface, cutting through, etc. (where applicable), as well as cutting through, blocking off, disconnecting, etc. of services.				
1	Single storey pre-fabricated buildings with mono-pitched roof, 4,50 x 3,50m on plan and 2m high at eaves comprising of three pre-fabricated units on concrete surface bed and block screen wall, etc., including backfilling and compacting pit size, 4,50 x 2,20 x 2m deep, in layers not exceeding 300mm thick.	No	3		
2	Single storey building with mono-pitched roof, 3 x 1,85m on plan and 2,5m high at eaves comprising concrete surface bed, block external walls and corrugated sheet metal roof covering on timber trusses, sanitary fittings, complete with foundations, windows, doors, fixed fittings, etc., including backfilling and compacting pit size, 3 x 1,85 x 2m deep, in layers not exceeding 300mm thick	No	1		
	GENERAL SITEWORKS				
	Site clearance				
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc.	m2	168		
	Carting away				
2	Builders rubble and surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	25		
	WALKWAYS, APRONS, STEPS, ETC				
	Excavation in soft material not exceeding 2m deep				
3	To reduce levels under walkway, aprons, etc.	m3	11		
	Compaction of surfaces				
4	Compaction of ground surface under aprons, etc., including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density.	m2	72		
	Extra over all excavations for carting away				
5	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	11		
	Approved gravel filling (G7) supplied and carted on by the contractor, compacted in layers not exceeding 150mm thick to 93% Mod AASHTO density				
6	Under walkways, aprons, etc.	m3	4		
	Concrete class 20/19				
7	Walkways, aprons, steps, etc.	m3	7		
	Finishing top surfaces of concrete smooth with a wood float to class U2 finish				
8	Walkways, aprons, etc. to falls.	m2	72		
	Carried over to next page				

	Brought forward from previous page				
	Smooth formwork, class F2, to:				
9	Edges, risers, etc. not exceeding 300mm high or wide.	m	35		
	Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces				
10	12mm Joints, not exceeding 300mm high.	m	118		
	Fabric reinforcement				
11	Type 195 fabric reinforcement in concrete surface beds, slabs, etc.	m2	72		
	Carried Forward to Summary of Section No. 3				

	BILL NO 2				
	EXTERNAL PLUMBING AND DRAINAGE				
	THE FOLLOWING IN RAINWATER STORAGE				
	STORM WATER DISPOSAL				
	Mass concrete class 25/19, storm water channels, laid to even falls in sections not exceeding 2m long, finished smooth to all visible faces, slightly rounded on salient angles, Ref.193 mesh reinforcement, including all necessary shallow excavations, form work, filling and ramming				
1	Open V-shaped stormwater channel, 900mm wide x 130mm thick overall, with top surface worked down to form 50mm deep channel, cast in panels not exceeding 2m long.	m	3		
2	Extra for angles, intersections, ends, etc.	No	2		
	Channel outlets				
3	Bell mouthed concrete storm water outlet, concrete class 20/19, size 850mm wide internally at inlet, bell mouthed to 1960mm at outlet and 1356mm long formed with 200mm thick base, provided with 200 x 200mm inverted edges to both raking 1500mm long sides, 200 x 200mm toe to 2700mm outlet and seventeen approved bricks cast into top surface of base in brick-on-edge position, all concrete finished smooth on all exposed surfaces, including necessary excavation, filling, ramming and formwork.	No	1		
	SOIL AND WASTE DRAINAGE				
	uPVC pipes				
4	110mm Pipes laid in and including trenches not exceeding 1m deep.	m	15		
	Extra over uPVC pipes for fittings.				
5	110mm Bend.	No	5		
	WATER SUPPLY				
	High density polypropylene class 4 pressure water pipes with compression fittings				
6	25mm Pipes laid in and including trenches.	m	115		
	Extra over piping for plasson screwed type fittings				
7	25mm Fittings.	No	30		
	Taps, valves, etc				
8	25mm Brass fullway gate valve.	No	5		
	INSPECTION CHAMBERS, MANHOLES, ETC.				
	The following in soakaways, french drains, etc.				
9	French drain, size 600mm wide x 1000mm deep, filled in with 19mm diameter gravel up to a level of 600mm with 24 micron bidum membrane 3000mm girth around gravel fill, including all necessary excavations, backfilling, compaction, etc.	m	65		
	DE-SLUDGING OF CONSERVANCY TANKS				
10	De-sludge existing conservancy tanks and removal of to safe dumping site.	m3	42		
	Carried Forward to Summary of Section No. 3				

	SECTION SUMMARY - EXTERNAL WORKS (PROVISIONAL)					
1	General Site Works					
2	External Plumbing & Drainage					
	Carried to Final Summary					

	FINAL SUMMARY				
1	PRELIMINARIES				
2	IMPALA HIGH SCHOOL				
3	EXTERNAL WORKS (PROVISIONAL)				
	Sub-Total				
	ADD: 10% of Contract Value as a contingency for the unforeseen to be used at the discretion of the employer's agent and deducted in whole or in part if not required.		10%		
	Sub Total				
	ADD: 15% (Fifteen percent) of Sub-Total for Value Added Tax		15%		
	Carried to Certificate				