

BILL OF QUANTITIES					
South Sudan Enhancing Community Resilience and Local Governance Project (ECRP)					
	Project Description: Expansion of 1 block of 4 classrooms, Construction of 1 block of 2 stances latrine with urinal for boys, Construction of 1 block of 2 stances latrine with Washroom for girls, at Mangayat Primary School GPS (N 8.225400, E 25.857061)- Mangayat Boma, Raja Town Payam, Raja County, Western Bhar El Ghazal State				Tender No.18
	Name of Bidder:				
ITEM	DESCRIPTIONS	QTY	UNIT	Unit Cost [USD]	Total cost (USD)
BILL NO.1	PRELIMINARIES				\$ 20,450.00
	Notes:				
	All the Bidders are requested to refer "Pricing Preamble and notes below" and works items of this Bills of Quantities shall be priced to fulfill the requirements there-in. Also see that no page or items are missing prior to pricing of this bill of quantities.		Note		
	A list of typical general items are given below. However, the Bidder is requested to price only those items that may affect this Contract.		Note		
	If no price has been stated against any item hereunder, the Contractor shall not be entitled to claim any money for such items even though he is obliged to execute the work or provide services described therein. Preliminary items priced by the Tenderer are deemed to include the cost of unpriced items.		Note		
	Cost and expenses in connection with any other preliminary item which is not listed below, but is necessary for the due completion of works, is deemed to be included in the tender rates.		Note		
1.1	Mobilization and Site Facilities				\$ 3,250.00
1.1.1	Mobilization of all required borehole drilling equipment, Construction and personel to project site.	1.00	Lump Sum	\$ 2,000.00	\$ 2,000.00
1.1.2	The contractor shall provide adequate space to serve as a temporary site office and fit it with the required facilities for his own site management staff The contractor shall provide adequate space to serve as a temporary site stores or space for storage of plant and materials for the work herein. The contractor shall provide toilet facilities for his workers and the Engineers within the site as directed and with Sanitary conditions meeting WHO Standards.	1.00	Lump Sum	\$ 400.00	\$ 400.00
1.1.3	The contractor shall provide necessary protective fencing/site hoarding, lighting, watchmen and other precautions and maintain for entire drillinf and construction period.	1.00	Lump Sum	\$ 400.00	\$ 400.00
	PLATES				
	Fabricate a metal visibility plate 100 x 80 mm to be wall mounted. Art work of name board will be issued by IOM	3.00	Each	\$ 100.00	\$ 300.00
1.1.4	Fabricate and install a sign post stand, 1m x 1.2m metal signboard on a 1.8m stand with a concrete foundation (min. 0.40 x 0.40 x 0.60 m, as directed by the Site Engineer). Concrete class C-25 (1:1:2) with RHS 40 x 40 x 2.5mm posts and 2mm thick sheet metal sign.	1.00	Each	\$ 150.00	\$ 150.00
	Sites Operations				\$ 4,450.00
1.1.5	Allow for setting out of works in accordance with drawings; liaise with client to establish exact boundaries and other written information given by the Engineer and obtain written approval from the relevant government authorities for setting out, street and building lines before commencements of construction; Checking of any setting out or of any line or level by the Engineer shall not in any way relieve the Contractor of his responsibility for the accuracy thereof.	1.00	Lump Sum	\$ 300.00	\$ 300.00
1.1.6	Allow for supplying water for the Works and facilities of the contractor including connection, distribution system for the work, internal arrangements and all payment to the authorities for connections. It is the responsibility of the Contractor to ensure steady and uninterrupted water supply to Works.	1.00	Lump Sum	\$ 350.00	\$ 350.00
1.1.7	Allow for maintaining daily records in the manner required by the Engineer to indicate factual details of, Workers, materials , Machinery and Equipment, Weather	1.00	Lump Sum	\$ 300.00	\$ 300.00
1.1.8	Allow for maintaining the sites in clean and orderly fashion at all times and during the entire contract period. Materials, casings etc. shall be kept neatly stacked on the site with all access-ways kept clear. All dust, debris and rubbish etc., arising out of his own works shall be continually cleared and removed from the site. The Engineer's Representative shall certify a percentage of the monthly rate or shall completely suspend the monthly amount if the contractor's maintenance is found to be unacceptable.	1.00	Lump Sum	\$ 500.00	\$ 500.00
1.1.9	Allow for providing all necessary safety measures to workmen (provision for proper usage of Personal protective equipment (PPE)). The bidder should submit his comprehensive safety plan with description and number in each safety device and other safety equipment proposed. The Engineer's Representative has the right to pay a percentage of the monthly component to suit the percentage accomplishment of this safety plan.	1.00	Lump Sum	\$ 2,000.00	\$ 2,000.00
1.1.10	Allow for all cost in connection with preparing samples for testing , making arrangements for testing of materials, goods etc., as stipulated in the Specification, obtaining test reports and submitting the same to the Engineer's Representative. (This item intends to cover all expenses incurred by the contractor in connection with sampling and testing of materials, goods etc., required by the specifications, other than those provided for in the bills of quantities.)	1.00	Lump Sum	\$ 1,000.00	\$ 1,000.00
	Insurances, Bonds & Fees				\$ 950.00
1.1.11	Allow for Contractor's All Risks Insurance Policy, including third party liability and from the starting date until the defects liability certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the works, plant, materials, and equipment) which are not employers risk but are contractors risk Allow for insurance against claims for worker's compensation. Engineer's and Consultant's representatives, shall be included in the Insurance Policy. Allow for insurance against loss or damage to the works, adjacent structures, any existing overhead and/or underground services that may cause damages during the construction	1.00	Lump Sum	\$ 950.00	\$ 950.00
	Environmental and Social Safeguarding Requirements				\$ 11,800.00
1.1.12	<u>Allow for providing all necessary safety measures to workmen (provision for proper usage of Personal protective equipment (PPE)). The bidder should submit his comprehensive safety plan with description and number in each safety device and other safety equipment proposed. The Engineer's Representative has the right to pay a percentage of the monthly component to suit the percentage accomplishment of this safety plan.</u>				
1.1.13	Conduct environmental and social risk assessment and management on all subproject sites including conducting inspections to ensure adherence to the requirement of IOM and the World Bank	1.00	Lump Sum	\$ 400.00	\$ 400.00
1.1.14	Provide resources to ensure a safe working enviroment including signage, access control,fall protection equipment and devices, occupational safety and health equipment, and first aid kit.	1.00	Lump Sum	\$ 800.00	\$ 800.00
1.1.15	Ensure measures are put in place to guarantee community safety including stakeholder engagement and information disclosure	1.00	Lump Sum	\$ 500.00	\$ 500.00
1.1.16	Acquire all relevant Environmental perts, licenses and authorisation prior to engaging in any activities that require such. This includes adhering to conditions of any licenses issues.	1.00	Lump Sum	\$ 600.00	\$ 600.00
1.1.17	Rehabilitate and ensure maintainance of aesthetic environment including ensuring the sound management of waste on all sites.	1.00	Lump Sum	\$ 500.00	\$ 500.00
1.1.18	Ensure there is a designated qualified and competent environmental and social safeguards specialist within the contrctor's team atleast for each subproject.	6.00	Month	\$ 1,500.00	\$ 9,000.00

BILL NO. 2	BOQ-FOR CONSTRUCTION OF 4 CLASSROOMS BLOCK-NORMAL SOIL					\$ 164,989.65
2.1	SUBSTRUCTURE					\$ 57,792.10
	Excavation					
2.1.1	Site clearance and removal of debris from site as directed	516.00	m ²	5	\$	2,580.00
2.1.2	Excavate to remove loose top soil not exceeding 0.3 meters deep and cart away as directed	516.00	m ²	15	\$	7,740.00
2.1.3	Excavate in soft material for foundation trenches not exceeding 1.8m deep starting from stripped level	18.50	m ³	15	\$	277.50
2.1.4	Ditto: Column bases, Verandah post, splash apron and Ramp	50.00	m ³	15	\$	750.00
	Backfilling					
2.1.5	Return, fill in and ram selected excavated material around foundations and splash apron	28.00	m ³	15	\$	420.00
	Disposal of Surplus spoils					
2.1.6	Load and cart away surplus material from site to an approved dumping site	33.80	m ³	15	\$	507.00
	Crushed stone fill					
2.1.7	200mm thick hardcore (crushed stone) compacted in layers not exceeding 100mm deep and well watered under slab, Verandah and ramps	48.00	m ³	60	\$	2,880.00
	Imported/selected filling/material					
2.1.8	min 500mm thick compacted selected fill to grade	141.70	m ³	25	\$	3,542.50
2.1.9	Ditto to ramps	7.20	m ³	25	\$	180.00
2.1.10	Ditto to Splash apron	8.20	m ³	25	\$	205.00
	Anti-termite treatment					
2.1.11	TERMIDOR' or other equal and approved insecticide with a ten-years guarantee to surfaces of fill and tops of foundations	259.40	m ²	2	\$	518.80
2.1.12	Ditto to ramps	28.80	m ²	2	\$	57.60
	Damp Proofing					
2.1.13	1000 gauge polythene sheet damp proof membrane: to floors: laid on blinded smooth finished hardcore bed with 300mm side and end laps to receive concrete floor bed (m/s) - measured net with no allowance for overlaps	132.80	m ²	2	\$	265.60
2.1.14	Ditto to ramps	19.20	m ²	2	\$	38.40
	Concrete work in substructure					
	<i>Plain concrete class 15 (mix 1:3:6)</i>					
2.1.15	50mm Thick surface blinding under foundations	1.20	m ³	352	\$	422.40
2.1.16	Ditto: Under column bases, Ramp and verandah post	2.10	m ³	352	\$	739.20
	<i>In Situ concrete class 25, vibrated and reinforced as described, in:-</i>					
2.1.17	Strip Footing	10.30	m ³	460	\$	4,738.00
2.1.18	Column bases and Verandah post	6.90	m ³	460	\$	3,174.00
2.1.19	Columns in foundations	2.10	m ³	460	\$	966.00
2.1.20	Ground beam (300x200)mm	4.10	m ³	460	\$	1,886.00
2.1.21	Ramp	2.90	m ³	460	\$	1,334.00
2.1.22	100mm thick ground floor slab (classrooms & Verandah) C-25 concrete	17.30	m ³	460	\$	7,958.00
2.1.23	600mm wide stone chipping aggregates Splash Apron 1:4 cement Sand ratio	4.10	m ³	460	\$	1,886.00
	Reinforcement					
	<i>High tensile steel reinforcement to B.S. 4461 in structural concrete work including cutting, bending, hoisting, fixing, tying wire and spacing blocks</i>					
2.1.24	8mm diameter bars	217.20	kg	2.5	\$	543.00
2.1.25	10mm diameter bars	1442.90	kg	3	\$	4,328.70
2.1.26	12mm diameter bars	787.20	kg	4	\$	3,148.80
	<i>Mesh reinforcement : B.S. 4483 weighing 2.22 kgs per square meter including bends, tying wire and spacing blocks</i>					
2.1.28	Ditto to ramps	19.20	m ²	12	\$	230.40
	Sawn formwork to:-					
2.1.29	Vertical sides of ground beam	54.60	m ²	8	\$	436.80
2.1.31	Vertical sides of columns	42.30	m ²	8	\$	338.40
2.1.32	Edges of 100mm high ground floor slab	9.70	m ²	8	\$	77.60
2.1.33	Edges of 150mm high ramps	4.80	m ²	8	\$	38.40
	Foundation walling					
	<i>Solid concrete block walling (mix 1:3:6); with minimum comprehensive strength of 7.0N/mm²; bedded and jointed in cement sand (1:3) mortar; reinforced with gauge 20 hoop iron after every alternate course.</i>					
2.1.34	200mm thick walls	69.80	m ²	40	\$	2,792.00
	Plinths					
2.1.35	12 mm thick cement : sand (1:3) plaster to plinth	69.80	m ²	20	\$	1,396.00
2.1.36	Prepare and apply one priming coat and two coats of black bitumastick paint on rendered plinths	69.80	m ²	20	\$	1,396.00
2.2	STRUCTURAL FRAME					\$ 7,350.05
	<i>Concrete work in superstructure - In Situ concrete class 25, vibrated and reinforced as described, in:-</i>					
2.2.1	Column (200x200)	2.50	m ³	460	\$	1,150.00
2.2.2	Ring beam	2.80	m ³	460	\$	1,288.00
	<i>High tensile steel reinforcement to B.S. 4461 in structural concrete work including cutting, bending, hoisting, fixing, tying wire and spacing blocks</i>					
2.2.3	8mm diameter bars	221.30	kg	2.5	\$	553.25
2.2.4	12mm diameter bars	903.50	kg	4	\$	3,614.00
	RHS section steel column Supporting the roof at the Verandah					
2.2.5	RHS100x3mm Steel columns supporting roof at the verandah		No	30	\$	-
	Sawn formwork					
2.2.6	Vertical sides of Columns	57.10	m ²	8	\$	456.80
2.2.7	Ring beam	36.00	m ²	8	\$	288.00
2.3	WALLING					\$ 10,366.00
	Damp proof Course					
	<i>Three- ply bituminous felt damp proof course bedded in cement and sand (1:3) mortar (measured nett allow for 300mm laps):-</i>					
2.3.1	200mm wide	48.80	m	2.5	\$	122.00
	Walling					
	<i>Solid blocks 200mm thick</i>					
2.3.2	200mm thick walls reinforced with two lines of hoop iron after every three courses	51.90	m ²	40	\$	2,076.00

2.3.3	50mm Concrete Window cill	36.40	m	200	\$	7,280.00
2.3.4	20 SWG Hoop Iron wall tie 25mm wide x 450mm long cast 75mm into concrete and built into joint of block walling.	60.00	Item	5	\$	300.00
2.3.5	Gable end with vent 600mm Ø	14.70	m ²	40	\$	588.00
2.4	ROOF AND RAIN WATER DISPOSAL				\$	27,393.70
	<i>Roof Construction</i>					
	<i>Option #1: either</i>					
	<i>Structural steelwork grade 4.3C (factory primed) to be executed by an approved sub-contractor.</i>					
2.4.1	50 x 50 x 3mm Bottom chord, welded to the top of column	95.40	m	10	\$	954.00
2.4.2	50 x 50 x 3mm Top chord/rafters welded with 6mm fillet welds to 40 x 40 x 3mm SHS internals (RHS internals measured separately)	100.80	m	10	\$	1,008.00
2.4.3	40 x 40 x 3mm SHS internals welded with 6mm fillet welds to 50 x 50 x 3mm Bottom/top chords (Bottom and Top chords measured separately)	144.10	m	10	\$	1,441.00
2.4.4	40x40x3mm RHS section bracings welded to trusses at each intersection; including necessary drilling holes welding/bolts and washers	99.10	m	10	\$	991.00
2.4.5	100 x 50 x 2mm thick Z-purlins securely fixed onto the steel trusses (MS) including all the welding, straining, surface preparation and hoisting into position.	404.40	m	10	\$	4,044.00
2.4.6	16mm diam anchor bolts L=250 to be welded on steel reinforcement	40.00	Nr	18	\$	720.00
2.4.7	Supplying & fixing of gauge 28 pre-painted Super Five IT4 profiled roofing sheets (0.5mm) of approved colour: fixed with J-bolts to 100 x 50 x 2mm zed purlins (measured separately) and rubber capping to tops of bolts	377.40	m ²	20	\$	7,548.00
2.4.8	Supplying & fixing of an approved heat insulation layer fixed to purlins according to manufacturer's specifications.	377.40	m ²	8	\$	3,019.20
2.4.9	Supplying & fixing Gauge 28 pre-painted ridge cap; 650mm girth (average) in position complete with all necessary roofing screws or hooks as required.	33.70	m	15	\$	505.50
	Valance / Barge Board					
2.4.10	25x225mm high timber valance board / barge board bolted to 100 x 100 x 8mm thick mild steel plate with 4 No 12mm diameter bolts : plates welded to edges of rafters: all complete with approved wood preservative as specified and as per Drawing.	78.60	m	10	\$	786.00
	<i>Rain Water Disposal</i>					
	<i>Supply and fix rain water system to manufacturer's instructions.</i>					
2.4.11	250x350 GMS 2mm thick gutter with its accessories and fittings	67.40	m	\$ 15.00	\$	1,011.00
2.4.12	Rainwater outlets with nozzle for 100mm rainwater down pipe outlet.	4.00	Nr	\$ 20.00	\$	80.00
2.4.13	10000L Plastic tank including plumbing work (pipe connections and taps)	1.00	lump sum	\$ 1,500.00	\$	1,500.00
2.4.14	Water tank concrete plinth construction including supply and installation of all materials and labour	1.00	lump sum	\$ 2,000.00	\$	2,000.00
2.4.15	Soak pit construction including supply and installation of all materials and labour	1.00	lump sum	\$ 1,000.00	\$	1,000.00
2.4.16	Storm water drainage	78.60	m	\$ 10.00	\$	786.00
2.5	DOORS AND WINDOWS				\$	19,021.80
	<i>Note: All doors to be supplied and fixed as per the details and schedule provided. All iron Mongery that has not been measured separately shall be priced together with the corresponding door.</i>					
	<i>Door Shutter</i>					
2.5.1	Steel doors to fit structural opening size 950mm x 2700mm high: RHS steel frame 40mm x 40mm x 2mm, Painted with 2 coats of antirust paint & one coat of enamel paint, 180D Opening, 0.5mm casement metal pane, with Bugalar proofing with RHS 25mm x 25mm x 2mm Vertical steel bars at equal intervals welded to frames on the exterior side. Ironmongery stainless steel pull-push bar handle, 0.5mm thick steel louvers at top welded to RHS frame. Louver to be covered with approved mosquito net.	4.00	Nr	450	\$	1,800.00
	<i>Painting and Decorating</i>					
	<i>Prepare and apply two coats of brown rust inhibiting primer finished with two coats of white matt oil paint on metal:-</i>					
2.5.2	Surfaces steel plated doors and steel frames	20.50	m ²	20	\$	410.00
	WINDOWS					
	<i>Purpose made steel casement windows manufactured from standard strong Z sections: manufacture, assemble and deliver to site: Supply and fix ironmongery comprising approved hinges, stays, fasteners to opening lights: frames drilled, plugged and screwed or built into walling: one coat red oxide primer before delivery.</i>					
	<i>Supply and fix the following</i>					
2.5.3	W1. 1200x1600mm, door Frame material is LTZ steel frame 40mm x 40mm x 2mm, Painted with 2 coats of antirust paint & one coat of enamel paint glazed with 5mm thick clear glass. Bugler proofing is RHS 25 X 25 X 2 mm steel bars welded to frames at equal spacing behind glazings on the interior side and 0.5mm thick steel louvers welded to RHS frame. Louver to be covered with approved mosquito net. Ironmongery stainless steel pull-push bar handle	28.00	Nr	300	\$	8,400.00
2.5.4	Burglar proofing grille comprising 12mm high yield tensile bars 150mm centres vertical and 300mm centres horizontal in cobweb pattern having one coat of red oxide primer to fit the above window sizes.	761.60	m	8	\$	6,092.80
2.5.5	Iron Mongery and matching fixing	28.00	Nr	18	\$	504.00
2.5.6	Fastener	28.00	Nr	18	\$	504.00
2.5.7	Stay	28.00	Nr	18	\$	504.00
	<i>Ordinary quality(OO) clear sheet glass and glazing</i>					
2.5.8	4mm glass: glazing to metal casement panes 0.1-0.5mm2 with tropical glazing putty	53.80	m ²	15	\$	807.00
2.6	ELECTRICAL INSTALLATIONS				\$	950.00
	<i>Earthing</i>					
2.6.1	Supply and install Earthing of DC installation at the combiner box on the roof comprising of 25sq.mm SC PVC insulated copper cable from the roof to copper earth electrode of size 1200mm long x15mm diameter enclosed by a concrete manhole of size 300x300x200mm with removable cover	1.00	Lumpsum	700	\$	700.00
	TESTING & COMMISSIONING					
2.6.2	Allow for testing and commissioning for earthing installations system	1.00	Lumpsum	250	\$	250.00
2.7	FINISHES				\$	26,516.00
	<i>Floor Finishes: Cement and sand (1:3) screeds and pavings: one coat: steel trowel finish: laid on concrete.</i>					
2.7.1	50mm thick screeding.	283.40	m ²	20	\$	5,668.00
2.7.2	External wall finishes: Cement and sand(1:4)					
2.7.3	15mm thick to walls and concrete surfaces	73.60	m ²	20	\$	1,472.00
2.7.4	300mm x 10mm rendered skirt	104.00	m	10	\$	1,040.00
	<i>walls</i>					
	<i>Prepare surfaces: apply three coats weather guard emulsion paint;</i>					
2.7.5	Rendered surfaces: walls	73.60	m ²	20	\$	1,472.00
	Skirt					
	<i>Prepare surfaces: apply three coats bituminous paint;</i>					
2.7.6	Skirt	104.00	m	10	\$	1,040.00
	<i>Internal Wall finishes Cement/lime putty/sand(1:2:9)</i>					
2.7.7	15mm plaster to: walls and concrete surfaces: steel trowelled smooth	126.70	m ²	20	\$	2,534.00

2.7.8	Prepare surfaces: apply three coats vinyl silk soft white emulsion paint: on steel trowelled plaster: to Skirting	1040.00	m	10	\$	10,400.00
	FITTINGS & FIXTURES					
	<i>The following in 4 No. Pin boards each classroom size as directed by the Engineer.</i>					
2.7.9	15mm thick 'cellotex, soft board (in 3 No.)	30.40	m ²	10	\$	304.00
2.7.10	25 x 50mm beading to edges of pin boards	48.00	m	5	\$	240.00
2.7.11	Prepare and apply one under coat and two coats of emulsion paint : on	30.40	m ²	10	\$	304.00
2.7.12	General surfaces: soft board lining	29.20	m	5	\$	146.00
2.7.13	Knot prime and stop and apply three gloss oil paint to timber surfaces not exceeding 100mm girth.	30.40	m ²	15	\$	456.00
2.7.14	Surfaces 25 x 50mm girth: edge trim	48.00	m	5	\$	240.00
2.7.15	The following in blackboards: size 3m x 1.2m high (in 1 No)	14.40	m ²	15	\$	216.00
2.7.16	20mm thick internal lime plaster to walls internally	28.80	m ²	15	\$	432.00
2.7.17	Prepare and apply three coats of black bit mastic paint to blackboard surfaces	43.20	m ²	10	\$	432.00
2.7.18	Knot prime and stop and apply three gloss oil paint to timber surfaces not exceeding 100mm girth.	24.00	m	5	\$	120.00
2.8	CLASSROOM FURNITURE				\$	15,600.00
	<i>Furniture supply, as laid out in drawings. Contractor to provide shop drawings or manufacturer specifications for approval by Engineer</i>					
2.8.1	Student desk and bench, Desk size 120x40cm surface, 75cm high; Bench size 120x28cm seating area, 50cm high	96.00	Nr	\$	150.00	\$ 14,400.00
2.8.2	Teacher's table, Desk size 150x75 cm surface, 75cm high	4.00	Nr	\$	200.00	\$ 800.00
2.8.3	Teacher's chair, wood or metal	4.00	Nr	\$	100.00	\$ 400.00
BILL NO. 3	BoQ-FOR CONSTRUCTION OF 1 BLOCK OF LATRINE WITH 3 STANCES AND URINAL FOR BOYS					\$ 36,282.03
3.1	SUBSTRUCTURE - 1 block of latrine with 3 stances and urinal for boys					\$ 16,165.43
	<i>Excavation and Earthwork (Provisional)</i>					
3.1.1	Site clearance and removal of debris from site as directed (10m by 6m)	128.71	m ²	\$	3.00	\$ 386.13
3.1.2	Excavate loose top soil average 200 deep from ground level and wheel and deposit on site as directed	128.71	m ²	\$	5.00	\$ 643.55
3.1.3	Manual-Mass excavation for latrine pit not exceeding 1.5m deep starting from Ground level	19.38	m ³	\$	10.00	\$ 193.80
3.1.4	Ditto exceeding 1.5-3.0m depth starting from stripped level	19.38	m ³	\$	10.00	\$ 193.80
3.1.5	Excavate in soft material for foundation trenches and column bases not exceeding 1.8m depth starting from stripped level and 60 cm wide	14.22	m ³	\$	10.00	\$ 142.20
3.1.6	Excavate in soft material for ramp trenches not exceeding 600mm depth	8.64	m ³	\$	10.00	\$ 86.40
3.2	Disposal of surplus spoils					
3.2.1	Load and cart away surplus material from site to an approved dumping site	61.62	m ³	\$	5.00	\$ 308.10
3.3	Selected filling					
3.3.1	200mm Thick hardcore fillings compacted in layers not exceeding 100mm deep and well watered under lobby ground slab and ramps	8.42	m ³	\$	70.00	\$ 589.40
3.3.2	500mm Thick compacted selected fill to grade natural soil	12.05	m ³	\$	70.00	\$ 843.50
3.4	Damp proof membrane					
3.4.1	1000 gauge polythene or other equal and approved damp proof membrane laid under surface bed with 300mm side and end laps (measured net- allow for laps)	67.99	m ²	\$	2.00	\$ 135.98
3.5	Concrete work in substructure					
	<i>Plain concrete class 10 (mix 1:3:6).</i>					
3.5.1	50mm Thick surface blinding under strip foundation and bottom pit	1.05	m ³	\$	280.00	\$ 294.00
3.5.2	Ditto for columns bases	0.22	m ³	\$	280.00	\$ 61.60
3.5.3	Ditto for ramps	0.72	m ³	\$	280.00	\$ 201.60
	<i>In situ concrete class 25/20, vibrated and reinforced as described, in:-</i>					
3.5.3	Foundation strip (250mm thick)	2.01	m ³	\$	360.00	\$ 723.60
3.5.4	Pit foundation beams (200mm thick)	0.80	m ³	\$	360.00	\$ 288.00
3.5.5	Column Bases (250mm thick)	0.72	m ³	\$	360.00	\$ 259.20
3.5.6	Columns (substructure)	0.96	m ³	\$	360.00	\$ 345.60
3.5.7	150mm thick ground floor slab over the pit and 100mm on the walk way	3.20	m ³	\$	360.00	\$ 1,152.00
3.5.8	Ground beams (300mm thick by 200mm wide)	2.10	m ³	\$	360.00	\$ 756.00
3.5.9	Ramp (minimum 100mm thick)	2.88	m ³	\$	360.00	\$ 1,036.80
3.5.10	100mm thick bottom pit slab of concrete reinforced with mesh	1.29	m ³	\$	360.00	\$ 464.40
3.6	Reinforcement for Substructure					
	<i>High tensile steel reinforcement to B.S. 4461 in structural concrete work including cutting, bending, hoisting, fixing, tying wire and spacing blocks.</i>					
3.6.1	8 mm diameter bars	144.76	kg	\$	3.00	\$ 434.28
3.6.2	10 mm diameter bars	361.43	kg	\$	3.50	\$ 1,265.01
3.6.3	12 mm diameter bars	491.91	kg	\$	4.00	\$ 1,967.64
	<i>Mesh reinforcement : B.S. 4483 Ref A142 weighing 2.22 kgs per square meter including bends, tying wire and spacing blocks.</i>					
3.6.4	Fabric mesh reinforcement for ground floor, ramp and bottom pit slab	30.05	m ²	\$	5.00	\$ 150.25
3.7	Sawn formwork to:-					
3.7.1	Horizontal sides of pit foundation beam	9.17	m ²	\$	8.00	\$ 73.36
3.7.2	Horizontal sides of foundation strip	3.35	m ²	\$	8.00	\$ 26.80
3.7.3	Horizontal sides of ground beams and floor slabs	28.88	m ²	\$	8.00	\$ 231.04
3.7.4	Edge of ramps	5.28	m ²	\$	8.00	\$ 42.24
3.8	Foundation Walling					
	<i>Solid concrete block walling (mix 1:3:6); bedded, load bearing 7N/mm², jointed and pointed in cement sand (1:3) mortar; reinforced with hoop iron after every alternate course.</i>					
3.8.1	200mm Thick walling for pit	43.07	m ²	\$	30.00	\$ 1,292.10
3.8.2	200mm thick plinth	13.40	m ²	\$	30.00	\$ 402.00
	Damp proof course					
3.8.3	1200 gauge polythene or other equal and approved damp proof membrane laid under 150mm thick walls	36.85	m	\$	3.00	\$ 110.55
3.9	Plastering and Painting					
3.9.1	12 mm thick cement : sand (1:3) plaster to walling	54.30	m ²	\$	15.00	\$ 814.50
3.10	Sundries					
3.10.1	Allow for making squat hole openings in 150 mm slab	3.00	nr	\$	50.00	\$ 150.00
3.10.2	Ditto for making 600 x600 mm openings in 150 mm slab for manhole.	1.00	nr	\$	100.00	\$ 100.00

3.11	SUPERSTRUCTURE - 1 Latrine Block, 3 Stances with urinal for boys				\$ 4,836.04
	Reinforced Concrete				
	<i>Insitu concrete class 25/20, vibrated and reinforced as described, in:-</i>				
3.11.1	Ring beam	1.58	m ³	\$ 360.00	\$ 568.80
3.11.2	Columns (superstructure)	0.61	m ³	\$ 360.00	\$ 219.60
3.12	Reinforcement				
	<i>High tensile steel reinforcement to B.S. 4461 in structural concrete work including cutting, bending, hoisting, fixing, tying, wire and spacing blocks.</i>				
3.12.1	8 mm diameter bars	109.03	kg	\$ 3.00	\$ 327.09
3.12.2	12 mm diameter bars	329.93	kg	\$ 4.00	\$ 1,319.72
3.13	Formwork				
	<i>Formwork in sawn finish at any level to:-</i>				
3.13.1	Sides and soffits of ring beams	27.13	m ²	\$ 8.00	\$ 217.04
3.13.2	Columns	18.63	m ²	\$ 8.00	\$ 149.04
3.14	Walling				
	<i>Solid concrete block walling (mix 1:3:6); bedded, load bearing 7N/mm², jointed and pointed in cement sand (1:3) mortar, reinforced with hoop iron after every alternate course.</i>				
3.14.1	150mm Thick walls for toilet and curtain	81.39	m ²	\$ 25.00	\$ 2,034.75
3.15	ROOF AND RAIN WATER DISPOSAL - 1 block of latrine with 3 stances and urinal for boys				\$ 9,010.60
	<i>Contractor to allow for hoisting and all angle brackets, or gusset plates, bolts, cleats, fish tailing lugs, drilling holes and the likes for fixing members to position as per the details provided.</i>		Note		
3.15.1	Roof Construction				\$ 1,929.80
	<i>Unframed mild steel including hoisting and fixing in position and including drilling holes, all necessary welding, bolts, plates/gusset plates and other jointing whether or not specifically described herein or shown on the drawing and with one coat of red oxide primer after erection.(see the drawings).</i>				
3.15.1.1	100 x 50 x 2mm thick Z-purlins securely fixed onto the steel trusses (MS) at 900mm c/c spacing including all the welding, straining, surface preparation and hoisting into position	62.00	m	\$ 5.00	\$ 310.00
3.15.1.2	16mm diam anchor bolts L=250 to be welded on steel	12.00	Nr	\$ 10.00	\$ 120.00
3.15.1.3	240x150x6mm plate (fillet weld of 6mm thick) welded to the truss and column	12.00	Nr	\$ 10.00	\$ 120.00
3.15.1.4	100x60x3mm RHS Rafter including all the welding, straining, surface preparation and hoisting into position	20.90	m	\$ 5.00	\$ 104.50
3.15.2	Roof Covering				\$ 637.65
3.15.2.1	Supplying & fixing of gauge 28 pre-painted Super Five IT4 profiled roofing sheets (0.5mm) of approved colour: fixed with J-bolts to 100 x 50 x 2mm zed purlins (measured separately) and rubber capping to tops of bolts	42.51	m ²	\$ 15.00	\$ 637.65
	Roof Construction				
	Timber structure with Mahogany wood in the same configuration of the steel roof design in the drawings				
	<i>Rates inclusive of nails, hoop iron at joints, cutting and application of creosote or other approved wood preservative on the timber surfaces in two coats.</i>				
3.15.3	Rain Water Disposal				\$ 2,575.50
	<i>Supply and fix rain water system to manufacturer's instructions.</i>				
3.15.3.1	250x350 GMS 2mm thick gutter	18.20	m	\$ 10.00	\$ 182.00
3.15.3.2	Rainwater outlets with nozzle for 100mm rainwater down pipe outlet.	2.00	Nr	\$ 8.00	\$ 16.00
3.15.3.3	1000L Plastic tank including plumbing work (pipe connections and taps)	1.00	lump sum	\$ 450.00	\$ 450.00
3.15.3.4	Water tank concrete plinth construction including supply and installation of all materials and labour	1.00	lump sum	\$ 1,200.00	\$ 1,200.00
3.15.3.5	Soak pit construction including supply and installation of all materials and labour	1.00	lump sum	\$ 600.00	\$ 600.00
3.15.3.6	Storm water drainage	25.50	m	\$ 5.00	\$ 127.50
3.16	DOORS, WINDOWS, FINISHES, PLUMBING - 1 block of latrine with 3 stances and urinal for boys				\$ 6,269.96
	Doors				
	<i>Note: All doors to be supplied and fixed as per the details and schedule provided. All iron Mongery that has not been measured separately shall be priced together with the corresponding door.</i>				
3.16.1	Door D1 90x237cm - RHS steel frame 40mm x 40 mm x 2mm painted with 2 coat of antirust paint and 1 coat of enamel paint with door leaf 180D opening made of 0.5mm flat metal pane with burglar proofing (RHS 25x25x2mm vertical steel bars at equal intervals welded to frame on the interior side. Louvers is 0.5mm thick welded at to frame.	2.00	Nr	\$ 280.00	\$ 560.00
3.16.2	Door D2 100x237cm - RHS steel frame 40mm x 40 mm x 2mm painted with 2 coat of antirust paint and 1 coat of enamel paint with door leaf 180D opening made of 0.5mm flat metal pane with burglar proofing (RHS 25x25x2mm vertical steel bars at equal intervals welded to frame on the interior side. Louvers is 0.5mm thick welded at to frame.	1.00	Nr	\$ 300.00	\$ 300.00
	Door D3 100x170cm - RHS steel frame 40mm x 40 mm x 2mm painted with 2 coat of antirust paint and 1 coat of enamel paint with door leaf 180D opening made of 0.5mm flat metal pane with burglar proofing (RHS 25x25x2mm vertical steel bars at equal intervals welded to frame on the interior side. Louvers is 0.5mm thick welded at to frame.	1.00	Nr	\$ 200.00	\$ 200.00
	Louvers				
3.16.3	600x400mm high windows, RHS steel frame 40x40x2mm painted with 2 coats of antirust paint & one coat of enamel paint with steel louvers	3.00	Nr	\$ 120.00	\$ 360.00
	Finishes				
	Floor finishes				
	<i>Insitu cement and sand (1:3) screed</i>				
3.16.4	50mm thick screed for floor and ramp	39.62	m ²	\$ 15.00	\$ 594.30
	Wall Finishes				
	<i>Internal and external Walls: 12mm thick cement sand plaster, with steel trowelled finish, as described to:-</i>				
3.16.5	Internal wall plaster	75.70	m ²	\$ 15.00	\$ 1,135.50
3.16.6	External wall plaster	51.96	m ²	\$ 15.00	\$ 779.40
3.16.7	Wooden fascia board paint, 1 coat of emulsion under coat & 3 coats of oil based gloss white paint	20.72	m ²	\$ 8.00	\$ 165.76
	Miscellaneous				
3.16.8	Manhole Cover (supply and form concrete for 600x600x10mm RC cover)	1.00	Nr	\$ 120.00	\$ 120.00
	Plumbing installations				
3.16.9	PSN Seat attached with handrails support, casted with concrete and finished with tiles (400mm x 300mm x 400mm).	1.00	Nr	\$ 400.00	\$ 400.00
3.16.10	Construct a masonry urinal channel 3.7m long with channel width 0.15m having 1.2% slop and install 2 tanks each of 50l drained into the pit. Refer the details on the drawing	1.00	lump sum	\$ 500.00	\$ 500.00
3.16.11	Supply and install handwash basin and 50l water bucket with its drainage (refer to hand wash details on the drawing)	1.00	lump sum	\$ 600.00	\$ 600.00
3.16.12	Well finished squat hole with foot rest	2.00	Nr	\$ 60.00	\$ 120.00
3.16.13	Handrails for length of ramps (on both sides)	2.00	Pairs	\$ 200.00	\$ 400.00
3.16.14	Vent-pipe	1.00	Item	\$ 35.00	\$ 35.00

BILL NO. 4	BoQ- FOR 1 BLOCK OF 2 STANCES LATRINE WITH WASHROOM ATTACHED FOR GIRLS				\$ 32,118.53
4.1	SUBSTRUCTURE - 1 block of latrine with 2 stances and washroom attached for girls				\$ 16,144.88
	<i>Excavation and Earthwork (Provisional)</i>				
4.1.1	Site clearance and removal of debris from site as directed (10m by 6m)	128.71	m ²	\$ 3.00	\$ 386.13
4.1.2	Excavate loose top soil average 200 deep from ground level and wheel and deposit on site as directed	128.71	m ²	\$ 5.00	\$ 643.55
4.1.3	Manual-Mass excavation for latrine pit not exceeding 1.5m deep starting from Ground level	19.38	m ³	\$ 10.00	\$ 193.80
4.1.4	Ditto exceeding 1.5-3.0m depth starting from stripped level	19.38	m ³	\$ 10.00	\$ 193.80
4.1.5	Excavate in soft material for foundation trenches and column bases not exceeding 1.8m depth starting from stripped level and 60 cm wide	14.22	m ³	\$ 10.00	\$ 142.20
4.1.6	Excavate in soft material for ramp trenches not exceeding 600mm depth	8.64	m ³	\$ 10.00	\$ 86.40
4.2	Disposal of surplus spoils				
4.2.1	Load and cart away surplus material from site to an approved dumping site	61.62	m ³	\$ 5.00	\$ 308.10
	<i>Selected filling</i>				
4.2.1	200mm Thick hardcore fillings compacted in layers not exceeding 100mm deep and well watered under lobby ground slab and ramps	8.42	m ³	\$ 70.00	\$ 589.40
4.2.2	500mm Thick compacted selected fill to grade natural soil	12.05	m ³	\$ 70.00	\$ 843.50
	<i>Damp proof membrane</i>				
4.2.3	1000 gauge polythene or other equal and approved damp proof membrane laid under surface bed with 300mm side and end laps (measured net- allow for laps)	67.99	m ²	\$ 2.00	\$ 135.98
	<i>Concrete work in substructure</i>				
	<i>Plain concrete class 10 (mix 1:3:6)</i>				
4.2.4	50mm Thick surface blinding under strip foundation and bottom pit	1.05	m ³	\$ 280.00	\$ 294.00
4.2.5	Ditto for columns bases	0.22	m ³	\$ 280.00	\$ 61.60
4.2.6	Ditto for ramps	0.72	m ³	\$ 280.00	\$ 201.60
	<i>Insitu concrete class 25/20, vibrated and reinforced as described, in:-</i>				
4.2.7	Foundation strip (250mm thick)	2.01	m ³	\$ 360.00	\$ 723.60
4.2.8	Pit foundation beams (200mm thick)	0.80	m ³	\$ 360.00	\$ 288.00
4.2.9	Column Bases (250mm thick)	0.72	m ³	\$ 360.00	\$ 259.20
4.2.10	Columns (substructure)	0.96	m ³	\$ 360.00	\$ 345.60
4.2.11	150mm thick ground floor slab over the pit and 100mm on the walk way	3.20	m ³	\$ 360.00	\$ 1,152.00
4.2.12	Ground beams (300mm thick by 200mm wide)	2.10	m ³	\$ 360.00	\$ 756.00
4.2.13	Ramp (minimum 100mm thick)	2.88	m ³	\$ 360.00	\$ 1,036.80
4.2.14	100mm thick bottom pit slab of concrete reinforced with mesh	1.29	m ³	\$ 360.00	\$ 464.40
	<i>Reinforcement for Substructure</i>				
	<i>High tensile steel reinforcement to B.S. 4461 in structural concrete work including cutting, bending, hoisting, fixing, tying wire and spacing blocks.</i>				
4.2.15	8 mm diameter bars	144.76	kg	\$ 3.00	\$ 434.28
4.2.16	10 mm diameter bars	361.43	kg	\$ 3.50	\$ 1,265.01
4.2.17	12 mm diameter bars	491.91	kg	\$ 4.00	\$ 1,967.64
4.2.19	<i>Mesh reinforcement ; B.S. 4483 Ref A142 weighing 3.22 kgs per square meter including bends, tying wire and spacing blocks</i>				
4.2.20	Fabric mesh reinforcement for ground floor, ramp and bottom pit slab	30.05	m ²	\$ 5.00	\$ 150.25
	<i>Sawn formwork to:-</i>				
4.2.21	Horizontal sides of pit foundation beam	9.17	m ²	\$ 8.00	\$ 73.36
4.2.22	Horizontal sides of foundation strip	3.35	m ²	\$ 8.00	\$ 26.80
4.2.23	Horizontal sides of ground beams and floor slabs	28.88	m ²	\$ 8.00	\$ 231.04
4.2.24	Edge of ramps	5.28	m ²	\$ 8.00	\$ 42.24
	<i>Foundation Walling</i>				
	<i>Solid concrete block walling (mix 1:3:6); bedded, load bearing 7N/mm², jointed and pointed in cement sand (1:3) mortar; reinforced with hoop iron after every alternate course.</i>				
4.2.25	200mm Thick walling for pit	43.07	m ²	\$ 30.00	\$ 1,292.10
4.2.26	200mm thick plinth	13.40	m ²	\$ 30.00	\$ 402.00
	<i>Damp proof course</i>				
4.2.27	1200 gauge polythene or other equal and approved damp proof membrane laid under 150mm thick walls	30.00	m	\$ 3.00	\$ 90.00
4.2.28					
	<i>Plastering and Painting</i>				
4.2.29	12 mm thick cement : sand (1:3) plaster to walling	54.30	m ²	\$ 15.00	\$ 814.50
	<i>Sundries</i>				
4.2.30	Allow for making squat hole openings in 150 mm slab	3.00	nr	\$ 50.00	\$ 150.00
4.2.31	Ditto for making 600 x600 mm openings in 150 mm slab for manhole.	1.00	nr	\$ 100.00	\$ 100.00
4.2.32					
4.3	SUPERSTRUCTURE - 1 block of latrine, 2 stances with washroom for girls				\$ 4,836.04
	<i>Reinforced Concrete</i>				
	<i>Insitu concrete class 25/20, vibrated and reinforced as described, in:-</i>				
4.3.1	Ring beam	1.58	m ³	\$ 360.00	\$ 568.80
4.3.2	Columns (superstructure)	0.61	m ³	\$ 360.00	\$ 219.60
	<i>Reinforcement</i>				
	<i>High tensile steel reinforcement to B.S. 4461 in structural concrete work including cutting, bending, hoisting, fixing, tying wire and spacing blocks.</i>				
4.3.3	8 mm diameter bars	109.03	kg	\$ 3.00	\$ 327.09
4.3.4	12 mm diameter bars	329.93	kg	\$ 4.00	\$ 1,319.72
	<i>Formwork</i>				
	<i>Formwork in sawn finish at any level to:-</i>				
4.3.5	Sides and soffits of ring beams	27.13	m ²	\$ 8.00	\$ 217.04
4.3.6	Columns	18.63	m ²	\$ 8.00	\$ 149.04
	<i>Walling</i>				
	<i>Solid concrete block walling (mix 1:3:6); bedded, load bearing 7N/mm², jointed and pointed in cement sand (1:3) mortar; reinforced with hoop iron after every alternate course.</i>				
4.3.7	150mm Thick walls for toilet and curtain	81.39	m ²	\$ 25.00	\$ 2,034.75
4.4	ROOF AND RAIN WATER DISPOSAL - 1 block of latrine, 2 stances with washroom for girls				\$ 3,867.65

	Contractor to allow for hoisting and all angle brackets or gusset plates, bolts, cleats, fish tailing lugs, drilling holes and the likes for fixing members to position as per the details provided.		Note		
	Roof Construction				
	Unframed mild steel including hoisting and fixing in position and including drilling holes, all necessary welding, bolts, plates/gusset plates and other jointing whether or not specifically described herein or shown on the drawing and with one coat of red oxide primer after erection.(see the drawings).				
4.4.1	100 x 50 x 2mm thick Z-purlins securely fixed onto the steel trusses (MS) at 900mm c/c spacing including all the welding, straining, surface preparation and hoisting into position	62.00	m	\$ 5.00	\$ 310.00
4.4.2	16mm diam anchor bolts L=250 to be welded on steel	12.00	Nr	\$ 10.00	\$ 120.00
4.4.3	240x150x6mm plate (fillet weld of 6mm thick) welded to the truss and column	12.00	Nr	\$ 10.00	\$ 120.00
4.4.4	100x60x3mm RHS Rafter including all the welding, straining, surface preparation and hoisting into position	20.90	m	\$ 5.00	\$ 104.50
	Roof Covering				
4.4.5	Supplying & fixing of gauge 28 pre-painted Super Five IT4 profiled roofing sheets (0.5mm) of approved colour: fixed with J-bolts to 100 x 50 x 2mm zed purlins (measured separately) and rubber capping to tops of bolts	42.51	m2	\$ 15.00	\$ 637.65
	Rain Water Disposal				
	Supply and fix rain water system to manufacturer's instructions.				
4.4.6	250x350 GMS 2mm thick gutter	18.20	m	\$ 10.00	\$ 182.00
4.4.7	Rainwater outlets with nozzle for 100mm rainwater down pipe outlet.	2.00	Nr	\$ 8.00	\$ 16.00
4.4.8	1000L Plastic tank including plumbing work (pipe connections and taps)	1.00	lump sum	\$ 450.00	\$ 450.00
4.4.9	Water tank concrete plinth construction including supply and installation of all materials and labour	1.00	lump sum	\$ 1,200.00	\$ 1,200.00
4.4.10	Soak pit construction including supply and installation of all materials and labour	1.00	lump sum	\$ 600.00	\$ 600.00
4.4.11	Storm water drainage	25.50	m	\$ 5.00	\$ 127.50
4.5	DOORS, WINDOWS, FINISHES, PLUMBING - 1 block of latrine, 2 stances with washroom for girls				\$ 7,269.96
	Doors				
	Note: All doors to be supplied and fixed as per the details and schedule provided. All iron Mongery that has not been measured separately shall be priced together with the corresponding door.				
4.5.1	Door D1 90x237cm - RHS steel frame 40mm x 40 mm x 2mm painted with 2 coat of antirust paint and 1 coat of enamel paint with door leaf 180D opening made of 0.5mm flat metal pane with burglar proofing (RHS 25x25x2mm vertical steel bars at equal intervals welded to frame on the interior side. Louvers is 0.5mm thick welded at to frame.	2.00	Nr	\$ 280.00	\$ 560.00
4.5.2	Door D2 100x237cm - RHS steel frame 40mm x 40 mm x 2mm painted with 2 coat of antirust paint and 1 coat of enamel paint with door leaf 180D opening made of 0.5mm flat metal pane with burglar proofing (RHS 25x25x2mm vertical steel bars at equal intervals welded to frame on the interior side. Louvers is 0.5mm thick welded at to frame.	1.00	Nr	\$ 300.00	\$ 300.00
4.5.3	Door D3 100x170cm - RHS steel frame 40mm x 40 mm x 2mm painted with 2 coat of antirust paint and 1 coat of enamel paint with door leaf 180D opening made of 0.5mm flat metal pane with burglar proofing (RHS 25x25x2mm vertical steel bars at equal intervals welded to frame on the interior side. Louvers is 0.5mm thick welded at to frame.	1.00	Nr	\$ 200.00	\$ 200.00
	Louvers				
4.5.4	600x400mm high windows, RHS steel frame 40x40x2mm painted with 2 coats of antirust paint & one coat of enamel paint with steel louvers	3.00	Nr	\$ 120.00	\$ 360.00
	Finishes				
	Floor finishes				
	In situ cement and sand (1:3) screed				
4.5.5	50mm thick screed for floor and ramp	39.62	m ²	\$ 15.00	\$ 594.30
	Wall Finishes				
	Internal and external Walls: 12mm thick cement sand plaster, with steel trowelled finish, as described to:-				
4.5.6	Internal wall plaster	75.70	m ²	\$ 15.00	\$ 1,135.50
4.5.7	External wall plaster	51.96	m ²	\$ 15.00	\$ 779.40
4.5.8	Wooden fascia board paint, 1 coat of emulsion under coat & 3 coats of oil based gloss white paint	20.72	m ²	\$ 8.00	\$ 165.76
	Miscellaneous				
4.5.9	Manhole Cover (supply and form concrete for 600x600x10mm RC cover)	1.00	Nr	\$ 120.00	\$ 120.00
	Plumbing installations				
4.5.10	PSN Seat attached with handrails support, casted with concrete and finished with tiles (400mm x 300mm x 400mm).	1.00	Nr	\$ 400.00	\$ 400.00
4.5.11	Construct a masonry Drainage channel 1.2m long with channel width 0.15m having 1.2% slop and install shower head connected to the water supply with all the required accessories/fittings draining to a soak away pit	1.00	lump sum	\$ 1,500.00	\$ 1,500.00
4.5.12	Supply and install handwash basin and 50l water bucket with its drainage (refer to hand wash details on the drawing)	1.00	lump sum	\$ 600.00	\$ 600.00
4.5.13	Well finished squat hole with foot rest	2.00	Nr	\$ 60.00	\$ 120.00
4.5.14	Handrails for length of ramps (on both sides)	2.00	Pairs	\$ 200.00	\$ 400.00
4.5.15	Vent-pipe	1.00	Item	\$ 35.00	\$ 35.00
	BILL SUMMARY				
BILL NO. 4	BoQ- FOR 1 BLOCK OF 2 STANCES LATRINE WITH WASHROOM ATTACHED FOR GIRLS	1.00	unit	\$ 32,118.53	\$ 32,118.53
			TOTAL		\$ 32,118.53
	BILL SUMMARY				
	Project Description: Expansion of 4 classrooms, Construction of 1 block of 2 stances latrine with urinal for boys, Construction of 1 block of 2 stances latrine with washroom for girls, and Drilling and construction of borehole with handpump at Mangayat Primary School GPS (N 8.225400, E 25.857061)- Mangayat Boma, Raja Town Payam, Raja County, Western Bhar El Ghazal State				Tender No.18
ITEM	DESCRIPTION	QTY	UNIT	RATE (USD)	AMOUNT(USD)
BILL NO. 1	PRELIMINARIES	1.00	unit	\$ 20,450.00	\$ 20,450.00
BILL NO. 2	BOQ-FOR CONSTRUCTION OF 4 CLASSROOMS BLOCK-NORMAL SOIL	1.00	unit	\$ 164,989.65	\$ 164,989.65
BILL NO. 3	BoQ-FOR CONSTRUCTION OF 1 BLOCK OF LATRINE WITH 3 STANCES AND URINAL FOR BOYS	1.00	unit	\$ 36,282.03	\$ 36,282.03
BILL NO. 4	BoQ- FOR 1 BLOCK OF 2 STANCES LATRINE WITH WASHROOM ATTACHED FOR GIRLS	1.00	unit	\$ 32,118.53	\$ 32,118.53
			GRAND TOTAL		\$ 253,840.20