

## BOQ FOR VARIOUS CONSTRUCTION WORKS

Note: The Items listed below shall correspond to the Items recorded in the Measurement Sheet (BOQ), where the quantities of Items executed by the Contractor are recorded, checked and approved by the Supervisor.  
Prior to preparing the Price Offer on the BoQ, the Contractor shall make reference to the Technical Specifications & Drawings

### LOT 1: METAL AND MANSORY WORKS

1	CONSTRUCTION OF GENERATOR PLATFORM & SHED GUEST HOUSE				
Item	Description	Unit	Quantity	Unit Rate SDG	Total SDG
1.1	Excavate footings size 0.4x0.4 m, 0.5 m depth and supply and pouring plain concrete 1:2:4 to fix the columns	PC	12		
1.2	Supply and fix the column height 3.0 m above NGL, 0.5m under NGL in the first side and 2.7 m above NGL, 0.5 m under NGL in the second side, columns support are made from steel RHS 80x40x3mm with antirust, fixed on above concrete footing. And as per drawings	PC	8		
1.3	Supply and fix the rafters RHS 80x40x3 mm, with antirust, fixed on the columns. And as per drawings	LM	18		
1.4	Supply and fix the purlins RHS 60X30X3 mm, with antirust, fixed on the rafters. And also as horizontal bracing for supporting around the room perimeter with 60x30x3 mm RHS.	LM	54		
1.5	Provide and fix for roof for generator, from corrugated metal sheets (zinc) of 0.35 mm thickness, fixed to steel rafters, including all ridges, fixing bolts, J bolts, connection washers and all other necessary accessories as per manufacturer's specifications.	SM	26		
1.6	Supply and fix expanada metal for Wall of the generator, supported by 60x30x3 mm RHS around the rooms. The rate of RHS 60x30x3 mm rate will be as the above purline item rate, this rate only for expanada metal.	SM	80		
1.7	Supply and fix steel door size 2.2x1.2m double leaf, made of steel RHS external frame 80x40x3 mm and internal frame 60x30x3 mm, heavy metal sheet 2mm thickness and all other necessary accessories as per manufacturer's specifications.	ITEM	1		
1.8	Excavation for wall foundation depth 0.2 m, width 0.3 m around the generator room.	LM	20		
1.9	Provide and build 1 (one) brick wall 200 mm thickness c/s mortar around the guard booth. wall height 0.7 m above NGL and 0.2 m under NGL, as per specifications & drawings and directions of the Engineer.	LM	20		
1.10	Supply, provide & apply Internal & external and Top Plastering 20 mm thick cement sand 1:8 mix finished semi rough for external walls & smooth internally, in the generator shed walls curing up to seven day's minimum.	SM	16		
1.11	Supply, level and compact minimum 600mm approved quarry material as back fill in preparation for the ground slab	SM	24		
1.12	Provide & Cast Plain concrete 1:2:4 Grade 20, at Floor concrete, 10cm thick min. Rate to include for surface rendering with 1:2:4 cement mix and floated with cement. Also rate to include for form work, workmanship and curing for 7 days min. in guard booth floor, as directed by the engineer.	SM	24		
1.13	Supply and apply three (3) coats of water based, weather shield external emulsion paint of approved brand and manufacture, on generator shed curbing walls, and color as directed by site engineer.	SM	16		
1.14	Supply and apply three (3) coats of oil based, paint of approved brand and manufacture, on generator shed expanded metal as directed by the engineer.	SM	70		

2 GRILLS-GUEST HOUSE/OFFICE					
Item	Description	Unit	Quantity	Rate SDG	Amount SDG
	<b>Mild steel grills fabricated from MS measuring 60x30x3mm frames with high tensile steel mesh of 16mm diameter bars spaced at 150mm centre to centre. The work includes applying anti-rust paint and three coats of oil based paint as per the drawing ELF-2020-006. The cost shall include supply fabrication and installation</b>				
2.1	1200X2100 permanently fixed with stainless mosquito mesh two layers at the office extension	PC	1		
2.2	1200X2100 permanently fixed with stainless mosquito mesh two layers at the guesthouse	PC	2		
2.3	1400x2100 with frame and hinges opened as per the drawing for Office block B	PC	1		
2.4	1400x2100 permanently fixed with stainless mosquito mesh, two layers at the office extension	PC	1		
2.5	1200x2100 with frame and hinges to be opened as per drawing for offices	PC	6		
2.6	500x500 permanently fixed for bathroom vents with two layer stainless mosquito mesh for office extension	PC	10		
2.7	Repair the main entrance door grill by introducing a new frame 60x30x3mm and relocate the three locking mechanism	PC	4		
2.8	Backfill with existing brick debris outside the office block and pour plain concrete as a ramp for the entrance gate with a serated finish for vehicle approach and extend existing pvc drainage pipes	CM	5		
	<b>SUB-TOTAL 2</b>				
3 CAR PARKING SHADE-GUEST HOUSE					
Item	Description	Unit	Quantity	Rate SDG	Amount SDG
3.1	Excavation of 600x600x1000mm deep holes to receive steel columns	CM	8		
3.2	Mass concrete class 25 to anchor columns to the ground	CM	3		
3.3	Mild steel Circuler Hollow section, CHS, 75mm Dimater, 3mm thick for columns	LM	55		
3.4	Mild steel Rectangular Hollow Section, 80x40x3mm for Tiebeams and rafters	LM	65		
3.5	Mild steel Rectangular Hollow Section,60x30x3mm for Purlins spaced at 1000mm Center to centre	LM	96		
3.6	Mild steel Rectangular Hollow Section,40x40x3mm for Ties and struts	LM	28		
3.7	0.35mm Thick Galvanised Corrugated Iron sheets fixed on the roof frame with J-bolts and rubber washers	SM	90		
3.8	Applying two coats of antirust paint to all metal surfaces	ITEM	1		
3.9	Applying three coats of oil based paint to all metal surfaces	ITEM	1		
	<b>SUB-TOTAL 3</b>				

<b>LOT II - MINOR METAL REPAIRS, PAINTING AND ELECTRIC</b>					
<b>4 RENOVATION OF SECURITY BOOTH - GUESTHOUSE</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate SDG</b>	<b>Amount SDG</b>
4.1	Supply and install Flush mounting single socket outlet of 16A 1Phase for the two police posts the rate including all necessary connection made	PC	4		
4.2	Relocate and install the two window air conditioner from the roof rooms to the police posts the rate includes power switch with sockets and other fittings	PC	2		
4.3	Repair existing armed police booth by sealing leaking roof and repair of floor boards, replacement of broken window glass and connect to the nearby power source	ITEM	1		
4.4	Repair the un-armed security guard booth by increasing the container height to 2.1meter and add two windows measuring 600x600mm windows covered with fibre glass	ITEM	1		
4.5	Clear bushes inside and out side the compound as directed on site	ITEM	1		
4.6	supply and fix form material to fill all the gaps at the iron sheets for the pedestrain unarmed guards booth	ITEM	1		
4.7	Apply three coats oil based paint on both interior and exterior of the existing guard booth	SM	96		
4.8	Fabricate grills to fill the gap on top of the perimeter gates for the guesthouse. The grill will be 200mm wide covering the entire gate	PC	3		
<b>SUB-TOTAL 4</b>					

5 WAREHOUSE POLICE BOOTH					
Item	Description	Unit	Quantity	Rate SDG	Amount SDG
	<b>All metal surfaces MUST be painted with antirust and two coats of oil based paint. This includes iron sheet walls</b>				
	<b>BOOTH</b>				
5.1	Excavate footings size 0.4x0.4 m, 0.5 m depth and supply and pouring plain concrete 1:2:4 to fix the columns	PC	5		
5.2	Supply and fix the column height 3.0 m above NGL, 0.5m under NGL in the first side and 2.7 m above NGL, 0.5 m under NGL in the second side, columns support are made from steel RHS 80x40x3mm with antirust, fixed on above concrete footing. And as per drawings	PC	5		
5.3	Supply and fix the rafters RHS 80x40x3 mm, with antirust, fixed on the columns. And as per drawings	LM	12		
5.4	Supply and fix the purlins RHS 60x30x3 mm, with antirust, fixed on the rafters. And also as horizontal bracing for supporting around the room perimeter with 60x30x3 mm RHS.	LM	45		
5.5	Provide and fix for roof and walls of both, from corrugated metal sheets (zinc) of 0.35 mm thickness, fixed to steel rafters, including all ridges, fixing bolts, J bolts, connection washers and all other necessary accessories as per manufacturer's specifications.	SM	50		
5.6	Supply and fix steel door size 2.2x1.2m double leaf, made of steel RHS external frame 80x40x3 mm and internal frame 60x30x3 mm, heavy metal sheet 2mm thickness and all other necessary accessories as per manufacturer's specifications.	ITEM	1		
5.7	Supply and fix steel door size 1x1m single leaf, made of steel RHS external frame 60x40x3 mm and internal frame 60x30x3 mm with expanded wire mesh as grill with a transparent fibre glass for necessary accessories as per manufacturer's specifications.	ITEM	2		
5.8	Excavation for wall foundation depth 0.2 m, width 0.3 m around the police room.	LM	12		
5.9	Provide and build 1 (one) brick wall 200 mm thickness c/s mortar around the guard booth. wall height 0.7 m above NGL and 0.2 m under NGL, as per specifications & drawings and directions of the Engineer.	LM	12		
5.10	Supply, provide & apply Internal & external and Top Plastering 20 mm thick cement sand 1:8 mix finished semi rough for external walls & smooth internally, in the generator shed walls curing up to three day's minimum.	SM	9		
5.11	Provide & Cast Plain concrete 1:2:4 Grade 20, at Floor concrete, 10cm thick min. Rate to include for surface rendering with 1:2:4 cement mix and floated with cement. Also rate to include for form work, workmanship and curing for 7 days min. in guard booth floor, as directed by the engineer.	SM	9		
5.12	Supply and apply three (3) coats of water based, weather shield external emulsion paint of approved brand and manufacture, on generator shed curbing walls, and color as directed by site engineer.	SM	16		

<b>TOILET</b>					
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate SDG</b>	<b>Amount SDG</b>
5.13	2x1 meter prefabricated toilet booth from mild steel frame of 60x30x3mm with GCI iron sheet cover for both walls and roof on a concrete foundation with brick masonry foundation walling. The booth will be installed with an approved WC connected to the toilet pit inside the warehouse. The booth will have metal fabricated door with mortice locks. The works include connection to the fresh water line and installation of a wash handbasin outside the toilet to be located next to the police booth. All metal surfaces will be painted with antirust and two coats of oil based paint. Install vent connected to the power source	ITEM	1		
5.14	Supply,level and compact minimum 300mm approved quarry material as back fill in preparation for the gorund slab	SM	24		
5.15	Deliver, level and compact at optimum moisture approved quarry select material at the entrance of the warehouse door to facilitate access of trucks and vehicles	CM	10		
5.16	General repair of th existing entrace gate, sand paper and paint with three coats of oil based paint to Engineer's approval	ITEM	1		
	<b>Electrical for the booth and toilet</b>				
	<b>supply and fix</b>				
5.17	2" pvc pipe for laying of cables from the power line along the fence to the security booth	LM	18		
5.18	3 core, 6sqmm cable for connecting thesecurity booth to the main power distribution along the fence	LM	45		
5.19	4 way Distribution box for police booth connected to the main power source	PC	1		
5.2	MCCBS, 32A, 20A	PC	5		
5.21	Ceiling fan complete with control switch	PC	1		
5.22	Two way one gang switch	PC	2		
5.23	Double outlet socket	PC	2		
5.24	Ceiling rose light fitting	PC	2		
5.25	Window AC complete with sockets and installation cables 6sqmm	PC	1		
	<b>SUB-TOTAL 5</b>				
<b>6</b>	<b>EXTERNAL PAINTING-GUESTHOUSE</b>				
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate SDG</b>	<b>Amount SDG</b>
	<b>Provide for scaffolding, safety belts and all other scaling equipment required for safe working on a four story building</b>				
6.1	Scrap, clean and prepare general surface areas to be free from molds, cracks, and any other unwanted materials. Use white cement sealant where applicable	SM	710		
6.2	Prepare the surface with general primer/undercoat in readiness for the paint	SM	710		
6.3	Apply three coats of weather guard exterior paint to the approved color scheme	SM	710		
6.4	Prepare surfaces and primer paint for all external balustrades at the balcony	ITEM	1		
6.5	Apply oil based paint on all metal surfaces as directed by UNHCR Engineer	ITEM	1		
	<b>SUB-TOTAL 6</b>				

## LOT III - ELECTRIFICATION

7 ELECTRICAL WORKS-GUESTHOUSE AND OFFICE					
Item	Description	Unit	Quantity	Rate SDG	Amount SDG
<b>Supply, installation and commisioning</b>					
7.1	Flourescent lighting fittings: 2x40W, 240v, 50Hz, IP20 four feet with double parabolic high purity aluminium louver and electronic ballast, as Phillips OR equivalent for Guesthouse	PC	10		
7.2	Ditto: 2 feet for Rooms for Guesthouse	PC	23		
7.3	Two way one gang switch, 10A,240V,MK UK or equally approved; Guesthouse	PC	50		
7.4	One way one gang switch, 10A, 240V, MK Uk or equally aproved: Guesthouse	PC	30		
7.5	Socket outlets, 13 A, 240V with indicator lamp and switch, 3 pin rectangular for Guesthouse	PC	60		
7.6	Duplex socket outlet, 13A,250V with indicator lamp and switch, 3 pin rectuangular for Guesthouse and Office extension	PC	130		
7.7	Alarm control panel 1 loop complete with power cable for Guest house	PC	8		
7.8	Alarm bell installation, testing and commisioning of switch outlets, wiring, boxes and all other accessories required, specified and approved by engineer for Guest house	ITEM	1		
7.9	100A MCCB, 600v, 3 phase, 50Hz NO, 18 ways complete with distribution board for security light at the guest house and one for the Office extension	ITEM	2		
7.10	MCCBs, 30A,25A,20A,15A,10A,5A for guesthouse and office extension	PC	32		
7.11	Installation, testing and commisioning of standby generator 250KVA Complete with necessary accessories-35sqmm cable, cable cleats, , earthing as approved	ITEM	1		
7.12	250w outdoor high pressure sodium street lights IP65 Die casting Aluminum for HPS Lamps	ITEM	20		
7.13	GI Pipes 2 inch diameter, 5 meter long with clips including welding two 500mm long GI pipe lamp holdersand concrete lugs for the perimeter lighting. Provide for excavation and concrete works of 500mm deep for the foundation of the pole	ITEM	28		
7.14	6mmsq three core cable for installation of security lights, 90m rolls	ROLLS	4		
<b>SUB-TOTAL 6</b>					

LOT IV- MASONRY ELECTRICAL AND PLUMBING WORKS					
8	POLICE POST IN DALIL BABIKER, NORTH DARFUR				
Item	Description	Unit	Quantity	Rate SDG	Amount SDG
8.1	Mobilization, Establishing contractor's camps, supply equipment ,personnel, Lab, accommodation and construction plant on the site.	L.S	1		
8.2	Demobilization, removal of site establishments of the contractor's organization, camps and reinstating the site to the existed conditions	L.S	1		
8.3	Excavation for strip foundation 80 cm depth, 50 cm width, rate to includes disposal of excavation to away or selected area/use.	ml	83.0		
8.4	Supply and build stone strip foundation under the wall 0.5 m width x 0.8 m depth, with filling by sand by layers, watered well.	ml	83.0		
8.5	Provide and build 2 (Two) brick wall height 0.3 m from NGL, of first class ordinary burnt red clay bricks in c/s 1:8 mortar for wall plinth, as per specifications & drawings. All types of bricks must be approved by the Engineer before using.	ml	83.0		
8.6	Provide & Cast Reinforced Concrete 1:2:4 Grade 25 on the ground beam (40 cm height x 30 cm width), in the police post as per drawings. Rates to include for form work and curing for 7 days min, as directed by the engineer. The rebar rate is in below item, Note: the detailing of rebar is 3 in the top and 3 in the bottom in the beam of ø12 mm bars, and stirrups of ø6 mm@ 20 cm c/c	m3	10.0		
8.7	Provide and lay granular fill material of 60 cm depth of approved type in layers not exceeding 200mm thick well-watering, leveling and compaction with as specified for the floor in the room by allowing 10 cm thick for plain concrete, as per drawings & specifications.	m3	76.8		
8.8	Provide and build 1½ (one and half) brick wall height 2.3 m, in cement sand mortar 1:8, <b>For all walls</b> as per specifications, drawings and directions of the Engineer.	m2	191.0		
8.9	Provide & Cast Reinforced Concrete 1:2:4 tie beam/ ring beam (20 cm height x 30 cm width) for police post, as per drawings. Rates to include for form work and curing for 7 days min, as directed by the engineer. The rebar rate is in below item, Note: the detailing of rebar is 2 top and 3 bottom in the beam of ø12 mm bars, and stirrups of ø6 mm@ 20cm c/c	m3	5.0		
8.10	Provide and build 1½ (one and half) brick wall height 1.2 m, in cement sand mortar 1:8, <b>For Office 1, Office 2, and Hall walls</b> which will have zinc roof as per specifications, drawings and directions of the Engineer.	m2	36.9		
8.11	Provide and build 1½ (one and half) brick wall height 0.6 m, in cement sand mortar 1:8, <b>For Cell 1, Cell 2, Store 1 and Store 2 walls</b> which will have RCC Slab roof as per specifications, drawings and directions of the Engineer.	m2	30.3		
8.12	Provide & Cast Reinforced Concrete 1:2:4 roof beam/ slab beam (30x20cm) for the 2 Cells, 2 Stores, as per drawings. Rates to include for form work and curing for 7 days min., as directed by the engineer. The rebar rate is in below item, Note: the detailing of rebar is 2 top and 3 bottom in the beam of ø12 mm bars, and stirrups of ø6 mm@ 20cm c/c	m3	3.0		
8.11	Provide & Cast Reinforced Concrete slab, for the 2 Cell and 2 Store, thickness 12 cm, rate 1:2:4 the mesh of ø12 mm should be 15cm spacing both side, as per drawings. Rates to include for form work and curing for 7 days min., as directed by the engineer.	m3	7.3		

Item	Description	Unit	Quantity	Rate SDG	Amount SDG
8.13	Supply and fix reinforcement bars 12 mm or other diam, all as per the drawing. Price shall include supply, cutting, bending, placing and tying bars all as per the structural drawings.	ton	1.8		
8.14	Provide & Cast Plain concrete 1:3:6 Grade 20, for floors, 10 cm thick min. Rate to include for surface rendering with 1:3:6 cement mix and floated with cement. Also rate to include for form work, workmanship and curing for 7 days minimum. in floors, as directed by the engineer.	M2	110.0		
8.12	Supply and fix the <b>rafters RHS 80x40x1 mm</b> , with antirust, fixed on the wall by height 3.3 m from Grade Beam, @ 2 m c/c	ml	55.0		
8.15	Supply and fix the <b>purlins RHS 60X30X1 mm</b> , with antirust, fixed on the rafters @0.9 m c/c.	ml	75.0		
8.16	Provide and fix roof for thw 2 Offices and Hall, from corrugated metal sheets (zinc) of 0.35 mm thickness, fixed to steel rafters, including all ridges, fixing bolts, J bolts, connection washers and all other necessary accessories as per manufacturer's specifications.	m2	85		
8.13	Provide and fix suspended ceiling from gypsum board square tiles 60x 60 cm, and Aluminium frames T profile, and the suspended hanging system, including aluminum L profile. The tiles shall be approved by the Engineer prior to supplying on site	m2	66		
8.17	Provide and build 1 (one) brick wall 1:8 c/s mortar for parapets wall and steps curping wall, 0.4 m height as per specifications, drawings and directions of the Engineer.	m2	33		
8.18	Supply, provide & apply Internal roofs, walls & external walls, Plastering 20 mm thick cement sand 1:8 mix finished semi rough for external walls & smooth internally, in the room walls. parapet, external retaining wall of corridor and steps, Curing up to three day's minimum.	m2	700		
8.14	Supply and apply three (3) coats of water based emulsion paint of approved brand, manufacture and color on internal walls as directed by site Engineer. The price is inclusive of applying quick drying prime coat.	m2	300		
8.19	Supply and apply three (3) coats of water based emulsion paint of approved brand, manufacture and color on internal roofs as directed by site Engineer. The price is inclusive of applying quick drying prime coat.	m2	50		
8.2	Supply and apply three (3) coats of water based, weather shield external emulsion paint of approved brand and manufacture, and color as directed by site engineer. For external walls and parapet	m2	300		
8.15	supply instal lighting and ventilation opens size 60 x 30 cm, fabricated from steel rectanguler pipes RHS 6x3 cm and 16 mm mild steel bars, sixbanda and namly for mosquitonet	nos	8		
8.21	Supply, Install and paint ribbed heavy-duty steel Window of size 120x120 cm with frames and transparent fiberglass. The work includes protection bars, sxbanda and mosquito steel screens/ nemly 2 layers and all accessories. the sample shall be approved before fabricating. For 2 Offices.	no	4		
8.22	Supply, Install and paint ribbed heavy duty steel door of size 220x120 cm with frames And steel sheet 2mm thick and accessories including lock (turkish lock). For For Hall entrance.	no	1		
8.16	Ditto for D2 size 220x100 cm for 2 Offices and 2 Stores	no	4		



Item	Description	Unit	Quantity	Rate SDG	Amount SDG
8.23	Supply, Install and paint ribbed heavy duty steel door of size 220x120 cm with frames D3 az per the drawing from mild steel 16 mm @ 10 cm c/c and accessories including lock (turkish lock). For 2 Cells.	no	2		
8.24	Provide and lay light weight plain concrete (khafga) 10 cm average thickness on the new roofs of 2 Cells and 2 Stores, maintaining proper slope and fixing of roof drainage pipes from pvc pipes 4 inchs.	m2	45		
8.17	Provide and apply water proof sealant for the roof on top of new applied khafga	m2	45		
<b>TOTAL FOR BILL 1, POLICE POST</b>					
<b>BILL 2, ELECTRICAL</b>					
8.18	Ceiling mounted sweep fan Vortices NORDIK DESIGN 1S 160/60" (61460*) 14m3/h with Accessories like wall mounted 5-Position Speed Control, Infrared remote-control unit, non-corrosive type blades, regulator, fan hook, extension rod and all other accessories required. Minimum fan-to-floor distance shall be 230cm. Price shall include PVC insulated conductors of 3x2.5mm2 inside PVC conduit of 16mm diameter including junction boxes with covers and insulating screw cap connectors.	no	6		
8.19	Type 1, disano 825EL Comfort (156538-00) with 4x18W	No	10		
8.2	Type 6, disano 921 Hydro (164534-00) with 2x36W (4 inch lamp) with wiring	no	4		
8.21	Flush mounting Single socket outlet of 16A 1Phase.	no	6		
8.22	Single Switch	no	6		
8.23	Double Switch.	no	3		
8.24	Supply and fix 105W energy saving lamp with wiring of 2x2.5mm2 cable inside PVC conduit of 16mm diameter to be fixed at outside the police post	no	2		
8.25	1 Pc 100A, MCCB, 3 Phase (Main Switch)	no	1		
<b>TOTAL FOR BILL 2, ELECTRICAL</b>					
<b>BILL 3, LATRINES</b>					
8.26	Excavate to the required depth for pit. The work includes disposal of excavation to an approved area.	M3	27.66		
8.27	Supply and build brick continues foundation with cement mortar (1:6). The width of wall 40cm (two brick) under the reinforced slab beam. Depth 1 m or directed by the Engineer	m2	12.20		
8.28	Supply and cast reinforced concrete beam (1:2:4), 30 cm width & 20 cm depth with 5 bars 12 mm .Rates to include for form work and curing for 7 days min, as directed by the engineer. Note: the detailing of rebar is 2 in the top and 3 in the bottom in the beam of ø12 mm bars, and stirrups of ø6 mm@ 20 cm c/c	M3	0.98		
8.29	Supply and cast reinforceed concrete slab (1:2:4), for the 3 latrines, thickness 15 cm, the mesh of ø 12 mm should be 15 cm spacing both side, as per drawings. Rates to include for form work and curing for 7 days min., as directed by the engineer.	M3	1.45		
8.3	Supply and build brick for external walls of Latrine in and the parapet wall with cement mortar (1:6). The width of wall 30cm (one and half brick).	m2	30.50		
8.31	Supply and build brick for the internal walls of Latrine and parapet wall with cement mortar (1:6), The width of wall 20cm (one brick)	m2	12.38		
8.32	Supply and lay plaster of cement mortar (1:6) for internal and external walls and parapet.	m2	85.76		
8.33	Supply and paint 3 coats of an approved type and color emulsion paint for internal and external use of walls and parapet,	m2	85.76		

Item	Description	Unit	Quantity	Rate SDG	Amount SDG
8.34	Supply and fix a rectangular hollow section RHS steel pipe 80x40x1 mm as a rafter. The work includes pre painting, fixing on the walls using all necessary concrete, plates, bolts, welding and accessories.	ml	6.00		
8.35	Supply and fix a hollow rectangular steel section 60x30mm as a purlin. The work includes pre painting, fixing on the rafters using all necessary plates, bolts, welding and accessories.	ml	6.00		
8.36	Supply and fix a pre painted corrugated steel sheets 0.35mm thick, The work includes, fixing on the purlins using J bolts with washer and all necessary accessories.	m2	10.00		
8.37	Supply, Install and paint double leaves heavy duty steel door of size 200x80 cm with frames And rabbid steel sheet and accessories including lock. for D4 size 200x80 cm for 3 latrines	no	3.00		
8.38	supply instal liting and ventilation opens size 40 x 30 cm, fabricated from steel rectangular pipes RHS 6x3 cm, sixbanda and namly for mosquitonet	nos	3.00		
<b>TOTAL FOR BILL 3, LATRINES</b>					
<b>BILL 4, WATER TANK</b>					
8.39	Purchase, Supply and install approved quality of elevated water plastic tank of 1000 liter capacity, the price is inclusive of fixing on 1000mm elevated masonry support (brick wall plinth) as shown on the drawing and site plan. Exact location to be determined on site.	job	1.00		
<b>TOTAL FOR BILL 4, WATER TANK</b>					
<b>BILL 5, Chain-link Fence Construction</b>					
8.4	Excavation and pouring concrete 1:2:4 for fence support posts size of footing 0.4x0.4x0.5 cum.	pcs	32.00		
8.41	Supply and fix chain-link fence supports 2" circular steel pipes of 2mm thickness and height not less than 2.0 m above ground and 30 cm under NGL, fixed in plain concrete (1:3:6) footing size (0.40m x 0.40m x 0.50m) with welding to steel angles size 1.5cm x 1.5 cm inside the footing. the supports distances to be @ 2.5 m c/c. The price is inclusive of applying antirust paint to the fence posts and gates.	pcs	32.00		
8.42	Ditto for Supports at the corners are from 4" steel pipes fixed as above.	pcs	4.00		
8.43	Supply and fix 3mm GI Chain-link height 2 m to be fixed on the supports, and welded well.	ml	80.00		
8.44	Supply and fix Two painted 12mm steel bars to be provided at top and bottom of fence according to drawings	ml	160.00		
8.45	Gate size (4 m x 2 m) consists of 2 leaves. External frame from steel box section 80x40x3mm and internal frames of steel box section 60x30mm. Leaf filling is with steel sections 20x40x3mm vertically and horizontally each 20 cm C/C. Gate supports are from steel pips 4" fixed on plain concrete footing (0.40m x 0.40m x 0.50m). All steel sections must be painted with red-oxide paint and 2 coats of approved oil paint	pcs	1.00		
8.46	A fabricated mild steel visibility board measuring 2meter by 1meter with vertical mild steel columns of 80x40x3mm. The test and logo design to be as directed by engineer	pcs	1.00		
<b>SUB-TOTAL 8</b>					
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	<b>SUMMARY PAGE</b>				
	<b>LOT I</b>				
	SUB-TOTAL 1				
	SUB-TOTAL 2				
	SUB-TOTAL 3				
	<b>LOT II</b>				
	SUB-TOTAL 4				
	SUB-TOTAL 5				
	SUB-TOTAL 6				
	<b>LOT III</b>				
	SUB-TOTAL 7				
	<b>LOT IV</b>				
	SUB-TOTAL 8				
	<b>GRAND TOTAL</b>				
	<b>NAME &amp; TITLE:</b>				
	<b>ON BEHALF OF:</b>				
	<b>SIGNATURE / STAMP :</b>				
	<b>DATED:</b>				