

OFFICE AND GUESTHOUSE IMPROVEMENT CONSTRUCTION WORKS					
LOT 1: GUESTHOUSE & OFFICE IMPROVEMENT CONSTRUCTION WORKS IN ELFASHER, NORTH DARFUR					
1 KITCHEN RENOVATION WORKS-					
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
	Partitioning				
1.1	Fabricate partitioning frame from mild steel 40x40x3mm angle frame to receive aluminium panels and doors. The frames must be prepainted	40	LM		
1.2	Fix provided re-used aluminium panels to form a wall of height 3meters	5	LM		
1.3	Standard prefabricated steel door complete with frame, hinges and mortice door locks	2	PC		
1.4	Ventilation fan for the individual cooking area with dimentions 500*500 mm , include electrical fitting fittings required	1	PC		
1.5	Install gulley trap on the floor of the individual cooking area for draining waste water	1	PC		
1.6	Relocate the existing ceiling fan to be at the middle roof area of the individual cooking area	1	ITEM		
	Kitchen sink				
1.7	Construct kitchen sink worktop from brick masonry support, 1 meter high, 3meter long and 0.6m width with marble/granite top. Allow space for installation of kitchen sink	1	PC		
1.8	Double bowl Stainless steel kitchen sink with a drainer complete with sink waste	1	PC		
1.9	Connect the general cooking area sanitation system to the nearest available network the total length minimum 20 meters with 2 inch PVC drain pipe	1	ITEM		
	Floor finish				
1.10	Hack existing sand cement floor screed and lay 330x330mm non-slip floor tiles at the Laundry room floor concrete with spacer blocks and grout sealant	70	SM		
	Kitchen cabinets				
	Approved 20mm thick MDF boards for main frame, shelves and shutter, heavy duty hinges, locks				
1.11	450mm widthx900mm height with a horizontal shelve partition; 2.4 meters long fixed on the aluminium panel walls with sufficient metal hooks	2	PC		
1.12	Ditto for Kitchen cabinets under the worktop	2	PC		
	SUB-TOTAL 1: FOR KITCHEN RENOVATION WORKS:				

2 GYM HALL/LAUNDRY					
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
2.1	Remove, keep safe for re-use aluminium partition panels for the laundry area . The total size of the partition is 5.5 meter long by 2.65 meters high	1	ITEM		
2.2	Remove all ceiling fans and handing over to the client	3	ITEM		
2.3	Supply and replace the damaged window glass measuring 07x07meters. 5mm thick clear	1	ITEM		
2.4	Supply and install two layers stainless steel mosquito mesh for the windows size 1400mmx700mm	8	PC		
2.5	Supply, replace and install the existing lamp/light fittings with new ones	10	PC		
2.6	Supply, pore plain concrete and levelling the eastern area adjacent to the laundry and gym hall and excavating a shallow channel with an appropriate slope to drain storm water	14	SM		
2.7	Excavate a shallow channel with appropriate slope and a maximum depth of 200mm	10	LM		
2.8	Supply and install 12,000 BTU air conditioner split type including source power switch sockets and other fittings	2	PC		
2.9	Hack existing sand cement floor screed and lay 330x330mm non-slip floor tiles at the kitchen cooking floor concrete with spacer blocks and grout sealant	50	SM		
	Shelves				
	Approved 20mm thick MDF boards for main frame, shelves and shutter, heavy duty hinges, locks				
2.10	450mm wide, 2000mm high and 2000mm long partitioned in two vertically and in by 400mm centre/centre horizontally	1	PC		
	SUB-TOTAL 2:GYM HALL/LAUNDRY:				

3 LOBBY DOORS					
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
3.1	Remove existing aluminium glass doors at the lobby in readiness for installation of new heavy duty doors	2	PC		
3.2	Supply and install heavy duty mild steel doors fabricated from 60x30x3mm frames and 4mm thick metal sheet cover, painted with antirust and three coats of oil based paint at the lobby as per drawing ELF-2020-003	2	PC		
3.3	Supply and install three seater outdoor umbrella with canvass cover and wooden hardwood seats as per engineers approval	3	PC		
SUB-TOTAL 3:LOBBY DOORS/GARDEN SHED:					

4 WINDOW GRILLS AND MESH					
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
4.1	Supply and install manhole 600mm x 600mm made of cast iron to replace the two damaged covers of the septic tank and the fresh water tank should be approved by the engineer	2	PC		
	Supply and install stainless steel mosquito mesh two layers small screen for rooms window as per below dimensions size				
	1.5x1.25 meters	8	PC		
4.2	1.2X1.25 meters	16	PC		
4.3	0.67X1.25 meters	8	PC		
4.4	1.2X0.65 meters	8	PC		
4.5	Supply and install mosquito mesh two layers small screen and 40x20x3mm Mild Steel Hollow Section spaced at 150mm C/C bothways for toilets Ventilation fan size 0.8x0.5	16	PC		
4.6	1.35x0.7 meters	8	PC		
4.7	Supply and install mosquito mesh two layers small screen and 40x20x3mm Mild Steel Hollow Section spaced at 150mm C/C bothways for toilets ventilation fan size 0.5X0.5	8	PC		
	SUB-TOTAL 4:WINDOW GRILLS AND MESH				
ADDITIONAL OFFICE ROOM					
6	Masonry works				
6.1	Red bricks wall,200mm thick jointed by sand cement mortar of ration 1:4 cured properly	18	SM		
6.2	Reinforced concrete of mix 1:2:4, in the 200x200mm lintel beam around the wall. Reinforcement of 4 bars of diameter 12 with rings of diameter 8 spaced at 150mm c/c. the reinforcement and the formwork	10	LM		
6.3	Supply and install steel window size 1.5x1.5m made of aluminum, including steel mesh protection grill (similar to existing ones)	2	PCs		
	Plastering and painting				
6.4	Supply material and apply cement sand plaster to the internal and external surfaces of the walls, of mix 1:7 cement sand mortar.	36	SM		
6.5	Apply one coat primer and two coats of silky emulsion paint to both external and internal walls	36	SM		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
	Floor Tiles				
6.6	Hack existing sand cement floor screed and lay 450x450mm glazed floor tiles with spacer blocks and grout sealant	20	SM		
	Electrical Works				
6.7	Flush mounting double socket outlet of 16A 1Phase	2	PC		
6.8	Supply and install 12000 BTU air conditioner split type including power switch with sockets and other fittings	1	PC		
6.9	Supply and fix smoke detector	1	PC		
	Container Filing Shelves				
	<i>Fabricated from mild steel 30x30x3mm sections applied with antirust and three coats of oil based final paint. All joints properly welded and the shelves anchored on the container wall. The horizontal shelves covered with 2mm thick mild steel plate as per the drawing</i>				
6.10	4.7 meter long, 2.2 meter high	2	PC		
6.11	2.3 meter long , 2.2 meter high	1	PC		
6.12	6 meter long by 1.1 meter high grills fabricated to approved pattern and installed at the central office ground floor on the North side entrance.	1	PC		
6.13	Supply and install with concrete 2 meter high concrete bollards.600mm underground from a 100mm diameter Circular hollow section pipes filled with concrete and fixed in the ground with concrete as directed on site. Include painting to approved colours	30	PC		
6.14	Paint with antirust and three coats of gloss paint on all metal surfaces of the existing generator shades and fuel storage at the office compound. Provide for cleaning with sand paper	4	ITEM		
	SUB-TOTAL 5:ADDITIONAL OFFICE ROOM:				
	LOT 1: SUMMARY				
	SUB-TOTAL 1:KITCHEN RENOVATION WORKS				
	SUB-TOTAL 2:GYM HALL/LAUNDRY				
	SUB-TOTAL 3:LOBBY DOORS/GARDEN SHED				
	SUB-TOTAL 4:WINDOW GRILLS AND MESH				
	SUB-TOTAL5:ADDITIONAL OFFICE ROOM				
	TOTAL FOR LOT 1:				

LOT 2: GUESTHOUSE IMPROVEMENT WORKS NYALA, SOUTH DARFUR

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ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
1	PRELIMINARIES				
1.1	Mobilization of labor, mobile workshop to be used for fixing maintaining and repairing of any kind of work such as steel, carpentry ...etc.	1	ITEM		
	SITE CLEARANCE				
	The contractor shall exercise due care to avoid damages to existing structure and facilities				
1.2	dissemble of fittings where works required, and re-fix after works complete	1	ITEM		
1.3	Clearing the site after completing the whole Job and before handover.	1	ITEM		
	SUB-TOTAL 1: PRELIMINARIES				
2	REMODELING WORKS: BEDROOMS / TOILETS / KITCHENS (GRD & 1ST FLR)				
	BED ROOMS				
2.1	Build new brick walls to close openings /create zones / bedrooms / self contained toilets (as shows in attached drawings), build with red bricks thick of 20cm, with C/S 1:5 mortar, rate includes all materials, labor and all related works	46	SM		
2.2	Supply materials and Plaster new walls/Partitions, includes sills, door sills and corners, smooth plaster with C/S (1:6), rate includes materials, labor and all related works	44	SM		
2.3	Remove and refix of selected doors, Rectifying old openings and plaster/smooth sill, re-fix door at new positions(as in attached design) rate to includes materials, change of power lines affected, labor and all related works, contractor shall exercise due care to avoid damages to doors / power lines / switches	9	LS		
2.4	Supply and fix (80 X 220cm) size steel door, locally made, using steel rectangular pipes for door and frame, covered with steel sheet, price to include fixing with hinges, locking system, paint, etc.	2	No.		
	TOILETS				
2.5	Supply and fix (50 X 70cm) size new steel window of high quality materials, price to includes wall opening, fixing with hinges, locking system, mosquito net, paint, etc.	2	No.		
2.5	Supply materials, prepare/lay internal water network for new toilets/Laundry, using PPR pipes ½" high quality Cold/Hot, and drainage/sewage pipes using PVC pipes 2&4", rate includes all related work	5	LS		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
2.6	Supply materials, prepare internal power network, using high quality wires for new toilets, points: water heater, mirror,exhaust fan, light, switches, rate includes all related materials and works	3	LS		
2.7	Supply and install new wall tiles 20X50cm, with C/S mortar 1:6 to toilets height of wall, rate includes preparation of wall/removing old tiles and all related works	128	SM		
2.8	Supply and install floor tiles 330X330, design to match wall tiles, with C/S mortar 1:8, for toilets, rate includes preparation all related works	22	SM		
2.9	Supply and install high quality hand wash basin, flat back white glazed vitreous china wash basin with stand, includes center tap ,with C.I. enamel painted brackets, as directed by the engineer.	2	LS		
2.10	Supply and install high quality English seat, with C.I. enamel painted brackets, with water hose, as directed by the engineer, rate includes all connections	2	LS		
2.11	Supply and install high quality Fiber showers, 80X80 cm size white color, rate includes all connections.	2	LS		
2.12	Supply and install high quality bath water mixer with flexible shower hose of approved quality	2	LS		
2.13	Supply, fix and installation of water heaters 30 LTR in kitchens and toilets, rate includes water connections, wires, switches and all related materials.Contractor Must submit product description/sample prior to purchase	2	No.		
2.14	Supply, fix wall mirror in toilets of approved type	8	No.		
2.15	supply and installation of exhaust fan 30cm for toilets of approved type, rate includes all related works	2	No.		
2.16	Supply and fix shower curtains fixed on a alumium tube covering the shower tray	8	No.		
	KITCHENS				
2.17	supply materials, prepare/lay internal water network for new kitchens, using PPR pipes ½" high quality Cold/Hot, and drainage/sewage pipes using PVC pipes 2" , rate includes all related work	2	LS		
2.18	supply and install new wall tiles , with C/S mortar 1:6 to kitchen height of wall, rate to include all related works	94	M ²		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
2.19	Supply and installation of High quality MDF kitchen cabinets (Upper cabinets+Base cabinets type) standard dimensions, L shape design/selected color (includes all hardware & accessories needed), rate include pre-cast marble counter top (white) with pre cast double sink and tap with water connections contract must submit the product description/sample/design prior to supply (Preferred Turkish Made) (2 kitchens)	14	ML		
2.20	Supply and installation of High quality MDF kitchen cabinets, Base cabinets open kitchen design / selected colors, standard dimension (includes counter gas burner, all hardware & accessories needed), rate include gas cooker, pre-cast marble counter top (white) with pre cast sink and tap with water connections contract must submit product description/sample/design prior to supply (Preferred Turkish Made) (2 kitchens)	10	ML		
2.21	Supply and installation of exhaust fan 40cm for kitchen of approved type, rate includes wall opening and all related works	2	No.		
SAFE ROOM / SAFETY					
2.22	Supply and fix (100 X 220cm) size new solid steel door, locally made, using heavy steel for door and frame, covered with heavy steel sheet 4mm, price includes modifying of opening, sill plaster, fixing with hinges, locking system, locking bars, etc.	3	No.		
2.23	Supply and fix (90 X 200cm) size new solid steel door, locally made, using heavy steel for door and frame, covered with heavy steel sheet 4mm, price includes modifying of opening, sill plaster, fixing with hinges, locking system, locking bars, etc.	3	No.		
2.24	Supply materials and fabricate / reinforce steel window in safe room, using heavy steel pipes for frame, covered with heavy steel sheet 4mm, price to includes fixing with hinges, locking system, locking bars, paint, etc.	1	No.		
2.25	Supply materials and reinforce steel main gates, using heavy steel pipes for bars, covered with heavy steel sheet 4mm, price to includes fixing with hinges, locking system, locking bars, paint, etc.	2	No.		
2.26	Supply materials and reinforce main doors, using heavy galvanized steel pipes 3" / welded in T shape, 3 Meter, 1 meter hole in ground, price includes locking system in ground, paint, etc.	3	LS		
2.27	supply materials and raise perimeter walls by 30cm, build with red bricks thick of 20cm, with C/S 1:5 mortar, rate to includes remove of razor wires and fix back, labor and all related works	19	M ²		
2.28	Supply materials and reinforce loose barbered razor wire of perimeter wall, using steel support anchors, price to includes all related works	1	LS		
2.29	supply and installation of smoke detectors ceiling type (preferred battery powered)	5	No.		
2.3	Fill and cover MASTABA area front of building with interlock tiles, rate includes filling materials, interlocks tiles and labor.	36	M ²		
SUB-TOTAL 2: REMODELING EXISTING ROOMS:					

3	NEW STRUCTURE: ROOF FLOOR (2ND FLR)				
	GYM / KITCHEN / TOILETS				
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
3.1	Supply materials and build new brick wall to create new rooms, build with red bricks thick of 20cm, with C/S 1:5 mortar, rate to includes materials, doors / windows openings, labor and all related works	165	SM		
3.2	Ditto but for roof parapet.	15	SM		
3.3	Supply materials and cast reinforced concrete (1:2:4) with 4Ø12mm steel bars for ring beams 20x20cm, rate to include form works, steel works and all related works	2.4	SM		
3.4	supply materials and Plaster new walls/Partitions, C/S (1:6) mix, includes plaster of sills, doors and windows sills, walls corners, rate to includes materials, labor and all related works	130	SM		
3.5	Supply materials and fabricate roof support structure from rectangular steel pipes 10x5cm and 8x4cm for roof support grids (for offices) rate includes painting, fixing on the tie herons using all necessary accessories.	78	SM		
3.6	Supply and fix a pre painted corrugated steel sheets 0.35mm thick, rate includes fixing steel gutter, fixing on the purlins, drilled nails with washer and all necessary accessories.	78	SM		
3.7	Supply materials and fix false ceiling tiles 60x60cm fix in aluminum mesh, with led lights, fix in the walls by nails and hang in the roof rectangular steel pipe by tying cables.	78	SM		
3.8	Supply and fix (120 X 220cm) size new solid steel door, locally made, using rectangular pipes for door and frame, covered with steel sheet, price to include , fixing with hinges, locking system, paint, etc.	1	No.		
3.9	Supply and fix (100 X 220cm) size new solid steel door, locally made, using steel rectangular pipes for door and frame, covered with steel sheet, price to include , fixing with hinges, locking system, paint, etc.	1	No.		
3.10	Supply and fix (90 X 220cm) size new solid steel door, locally made, using steel rectangular pipes for door and frame, covered with steel sheet, price to include , fixing with hinges, locking system, paint, etc.	1	No.		
3.11	Supply and fix (120 X 100cm) size new steel windows, locally made, using steel rectangular pipes for frame, covered with clear glass, price to includes fixing with hinges, locking system, glass, paint, etc.	3	No.		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
3.12	Supply and fix (50 X 70cm) size new steel windows, locally made, using steel rectangular pipes for frame, covered with clear glass, price to includes fixing with hinges, locking system, glass, paint, etc.	1	LS		
3.13	Supply materials, prepare/lay internal water network for kitchen / toilets, using PPR pipes ½" high quality, Cold/Hot, and drainage/sewage pipes using PVC pipes 2 & 4", rate includes all materials and related works	2	SM		
3.14	supply and install new wall tiles , with C/S mortar 1:6 to kitchen/toilets, height of wall, rate to include all related works	72	SM		
3.15	Supply and install floor tiles 30X30cm, design to match wall tiles, with C/S mortar 1:8, for toilets, rate to include all related works	5	SM		
3.16	Provide and install floor tiles 40X40cm, with C/S mortar 1:8, for kitchen/GYM, rate to include all related works	65	SM		
3.17	Ditto but for skirting, same color of floors, height of 10cm	3	LM		
3.18	Supply and installation of High quality Aluminum cabinets (Upper cabints+Base cabinets) standard dimensions, L shape design / selected color (includes all hardware & accessories needed), rate include marble counter top (white) with double sink and tap with water connections contract must submit the product description/sample/design prior to supply (Preferred Turkish Made)	6	LS		
3.19	Supply and install high quality hand wash basin, flat back white glazed vitreous china wash basin with stand, includes center tap ,with C.I. enamel painted brackets, rate includes water connections	1	LS		
3.20	Supply and install high quality English seat, with C.I. enamel painted brackets, with water hose, as directed by the engineer, rate includes all connections	1	LS		
3.21	Supply and install high quality Fiber showers, 80X80 cm size white color, rate includes all connections.	1	LS		
3.22	Supply and install high quality water mixer with flexible shower hose of approved quality	1	No.		
3.23	Supply, fix wall mirror in toilets of approved type	1			
	SUB-TOTAL 3: FIRST FLOOR NEW STRUCTURE:				

4	ELECTRICAL SUPPLY & EQUIPMENT'S				
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
4.1	Wiring of new structures with internal pipes for electrical fittings, (05) power points 13A for kitchen, (06) for GYM, ceiling/wall lights, ceiling fans wires and light switches using 2.5mm wire approved quality, includes the cost of wires, ducts, power points, switches, labor and connection to main distribution board	1	LS		
4.2	wiring of new toilets/kitchens with internal power network, using high quality wires, for points: water heater, mirror,exhaust fan, light, switches, price includes the cost of wires, ducts, power points, switches, labor and connection to main distribution board	1	LS		
4.3	wiring of new structures with internal pipes, for A/C units, wiring with 4mm wires of approved high quality and power point for AC connect , price includes the cost of wires, pipes, switches , labor and connection to main distribution board.	1	LS		
4.4	Supply, fix and installation of new Main distribution board with main switch, 3 phase of approved type, with complete set of fuses and connection to main power lines, rate includes all related materials, works	1	No.		
4.5	supply, fix and installation of security lights 300 watt LEDs at selected positions by engineer on 1.5 meter 4" pipe anchored in the perimeter wall corners	6	No.		
4.6	Supply, fix and installation of water heaters 30 LTR in kitchens and toilets, rate includes water connections, wires, switches and all related materials. Contract Must submit product description/sample prior to purchase	1	No.		
4.7	supply and installation of led lamp, 20 watt (circular) of approved quality (preferred Philips) false ceiling type, (04) for kitchen, (08) for GYM, (04) for toilets, and terrace, rate to includes wires, switches and labor	14	No.		
4.8	supply and installation of ceiling fan (preferred brand KDK or ORIENT), rate includes wires, switches and related works	3	No.		
4.9	supply and installation of exhaust fan 40cm for kitchen of approved type, rate to include all related works	1	No.		
4.10	supply and installation of exhaust fan 30cm of approved type, rate to include all related works	1	No.		
	SUB-TOTAL4: ELECTRICAL :				

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
5	INTERNAL / EXTERNAL PAINT (ALL BUILDING)		LS		
5.1	Rectify internal wall plaster defects, fill cracks, openings, same plaster mix, rate includes materials and all related works	1	LS		
5.2	Supply and Apply quick drying prime (Suitable for interior walls) two coats to make the surface of walls adhesive to receive new paint.	1	LS		
5.3	Supply and Apply paint (suitable for interior walls) 2 layers of paint (selected color) for all internal rooms walls/ceilings (All floors) rate includes all materials and related works	1	LS		
5.4	Supply and Apply paint (suitable for exterior walls) 1 layers of paint (selected colors) for external building elevations, rate includes all materials related works	1			
	HAVC		No.		
5.5	dismantle, reposition and installation of split unit air conditions (installation only)	1	No.		
	SUB-TOTAL5: PAINTING WORKS				
6	FRESH WATER (ALL BUILDING)				
6.1	Provide materials and dig, lay & extend 3/4 , 1/2inch PPR fresh water pipe line to serve all new/exist toilets blocks and kitchens from tanks line, with all required fittings, taps & valves complete job. The rate includes provision of pipes and all needs/ requirements to implement the job properly.	1	LS		
	WASTE WATER/DRAINAGE (ALL BUILDING)				
9.1	Supply & install 2" & 4 "U.P.V.C return/waste pipes, as appropriate, from all new toilets/kitchens, and for all sanitary fittings up to soak away main line, with bobbins, nails etc., include all branches, elbows, bends, tees, plugs, union, clips, etc. including making holes in walls& floors & cutting trenches in any soil or through concrete or masonry, as directed by the engineer. Rate to include all required materials/works	1	LS		
	SUB-TOTAL6: WATER WORKS				
7	BOOM BARRIERS				
1	Excavation of 1000by1200 by 1000mm deep holes to receive steel columns	2	ITEM		
2	Mass concrete class 25 to anchor columns to the ground	5	CM		
3	I-section columns, Universal 100mm, for vertical supports fixed into concrete with steel lags. The sections will be 2000mm long	6	PC		
4	100mm diameter Circular Hollow section, CHS, 3mm thick to be fabricated as cross bars	10	LM		
5	50mm diameter Circular Hollow section, CHS, 3mm thick to be fabricated as bracing for the cross bars	4	LM		
6	25mm diameter dead bolts for anchoring the cross bars to the vertical verticals including the holding brackets to approval	2	SET		
7	Mild steel plate, 3mm thick to be fabricated into a box for thebalancing weight	4	SM		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
8	25x25x3mm Angle Bars for reinforcing of the balancing weight box	10	LM		
9	Painting on two coats of antirust paint to all metal surfaces	1	ITEM		
10	Painting on three coats of oil based paint to all metal surfaces	1	ITEM		
11	Allow for transportation and onsite fixing to approved quality	1	ITEM		
	SUB-TOTAL 7: BOOM BARRIER				
	SUMMARY FOR LOT 2:				
	SUB-TOTAL 1: PRELIMINARIES				
	SUB-TOTAL 2: REMODELING EXISTING ROOMS				
	SUB-TOTAL 3: FIRST FLOOR NEW STRUCTURE				
	SUB-TOTAL4: ELECTRICAL				
	SUB-TOTAL5: PAINTING WORKS				
	SUB-TOTAL6: WATER WORKS				
	SUB-TOTAL 7: BOOM BARRIER				
	TOTAL FOR LOT 2				

LOT 3: GUESTHOUSE IMPROVEMENT WORKS -ZALINGEI, CENTRAL DARFUR

LOT 3: GUESTHOUSE IMPROVEMENT WORKS -ZALINGEI, CENTRAL DARFUR

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
1	POLICE ROOM				
1.1	Supply and Install a new prefabricated Booth/Caravana 4 x 2 meter, to be approved by the Engineer prior purchasing.Installation includes preparation of the foundation with required support concrete pillars	1	PC		
1.2	Supply, install and connect one roof fan (orient) with fan regulator and wiring and connect to nearest electrical power source	1	PC		
1.3	Supply, connect & Install one swich with socket inside the carvana with 2.5 sq mm wiring.	1	PC		
1.4	Supply, connect to the nearest elec source with 2.5 sq mm wiring & install one lamp in the wall Lamp 105 watt.	1	PC		
1.5	cutting welding and fabricate Air conditioner holder height 1.5 m from the ground, fabrication by 80x40x1mm pipe and 60 x 30 x 1mm pipe fixing to the ground	1	PC		
1.6	Supply install AC Freon window type 12000 unit with wiring 4mm sqm, connect to the nearest elec source, the price inclusive oppenning 60x60 cm in caravana wall.	1	PC		
1.7	Supply and installl a separate prefabricated booth measuring 2x1 meter with a WC toilet and cistern connected to the nearest manhole with PVC pipes and necessary accesories. Include connection to the fresh water line, electrical light with a switch and bulb holder. Allow for preparation of the foundation with necessary concrete support pillars	1	PC		
	SUB-TOTAL 1: POLICE ROOM				
2	GENERATOR AND FUEL SHADE				
	<i>Provide for proper welding and painting with antirust all metal surfaces and allpy two coats of additional oil emulsion paint</i>				
2.1	Excavate footings size 0.4x0.4 m, 0.5 m depth and supply and poring plain concrete 1:2:4 to fix the columns	12	PC		
2.2	Supply and fix the column height 3.2 m above NGL, 0.4 m under NGL in the first side and 3.4 m abov NGL, 0.4 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	12	PC		
2.3	Supply and fix the rafters RHS 80x40x3 mm, with antirust, fixed on the columns. And as per drawings	36	LM		
2.4	Supply and fix the purlins RHS 60X30X3 mm, with antirust, fixed on the rafters. And also purline for supprting around the room perimeter with 60x30x3 mm RHS.	60	LM		
2.5	Provide and fix for roof for generator and fuel room, 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.	50	SM		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
2.6	Supply and fix expanada metal for Wall of the generator room and fuel room, 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.	90	SM		
2.7	Supply and fix steel door size 2.2x1.2 sq.m 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.	2	ITEM		
2.8	Excavation for wall foundation depth 0.2 m, width 0.3 m around the generator room and fuel shade room.	40	LM		
2.9	Supply approved quarry material for foundation backfill in 300mm thick compacted layer to receive ground slab	48	SM		
2.10	Provide and build 1 (one) brick wall 20 cm 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.	40	LM		
2.11	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 guard booth walls curing up to three day's minimum.	32	SM		
2.12	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.	48	SM		
2.13	Supply and apply three (2) coats of water based, weather shield external emulsion paint of approved brand and manufacture, on guard booth curbing walls, and color as directed by site engineer.	64	SM		
SUB-TOTAL 2: GENERATOR/FUEL SHADE					
3	PERIMETER WALL				
3.1	Rise up the level of wall plinth (Gassa) by provide and build 2 (Two) brick wall height (up to existing Guest house wall plinth level), of first class ordinary burnt red clay bricks in c/s mortar 1:6 for wall plinth, as per specifications & drawings. All types of bricks must be approved by the Engineer before using.	39	SM		
3.2	Provide and build 1 (one) brick wall height 2 m 1:6 c/s mortar for fence wall as per specifications, drawings and directions of the Engineer. (Note: the outside height of the fence wall shall not be less than 2.5 m).	150	SM		
3.3	Provide and build pier height 2 m from 1½ (one and half) brick, 30 cm width and 2 m height above the Gassa, as per drawing, from burn red clay brick and 1:6 c/s mortar @ 4 m c/c.	19	ITEM		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
3.4	Supply and install angle size 2 inch 3mm thick, to be fixed in the top of the wall (Y) shape, to be fixed on plain concrete 20x20x20 cm, as per drawing to support the barbed wires 1m diameter @ 2.0 m c/c, sample should be approved prior installation. Include painting with two coats for all metal surfaces	19	ITEM		
3.5	Supply & install razor wire wire 1 m diameter, on the top of fence wall surrounding all buildings and on the top of the Doors.	75	LM		
3.6	Supply, fabricating & installing door size 4 m x 2.5 m as the main gate fabricated from 80x40x3mm main frame with internal partitions of 60x30x3mm. The gate frame will be covered with a 4mm thick mild steel plate properly welded. All metal surfaces shall be polished and painted with antirust paint and three coats of oil emulsion paint as per drawings. The gate will be fixed into 300x300 reinforced columns cast with concrete of ration 1;2;4 reinforced with four bars of diameter 16 bars with 1000x1000mm reinforced base. The base will have a mesh of bars 16mm diameter spaced at 150mm c/c	1	ITEM		
3.7	Open in the wall as shown in the drawing and fix new metal door size 1m width x 2.2m height.	1	ITEM		
3.8	Supply, provide & apply Internal & external Plastering 20 mm thick cement sand 1:6 mix, in the fence walls. Curing up to three day's minimum.	375	SM		
3.9	Supply and apply three (3) coats of water based, weather shield external emulsion paint of approved brand and manufacture, on fence walls, and color as directed by site engineer.	375	SM		
SUB-TOTAL 3: PERIMETER WALL:					
SECURITY RECEPTION					
1	Bill 1, SETTING OUT ALIGNMENT				
	Setting out alignment. Allow for setting out of works in accordance with drawings.	1	L.S		
2	Bill 2, Excavations and Earth Works				
2.1	Excavate for Strip foundation 70x50 cm, including dressing the sides & leveling the bed of the foundation to the required width & required depth, for guard room, all as per drawings & specifications.	16	LM	3.00	
2.2	Provide and lay granular fill material of 700mm depth of approved type in layers not exceeding 200mm thick well-watered and compacted as specified for the floor in the guard room as per drawings & specifications.	8	CM		
3	Bill 3, Masonry Works Under NGL				
3.1	Provide and lay stone for foundation 50 cm width, 70 cm height (height as per measurements at site) in cement sand mortar mix 1:6 for guard room.	6	CM		
3.2	Provide and build 2 (Two) brick wall height 0.7 m from NGL, of first class ordinary burnt red clay bricks in c/s mortar 1:6 for wall plinth, as per specifications & drawings. All types of bricks must be approved by the Engineer before using. For guard room & toilet.	8	SM		
3.3	Provide and build 1 (one) brick wall 1:6 c/s mortar for walls and parapets as per specifications, drawings and directions of the Engineer.	57	SM		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
4	BILL 4, Plain Concrete Works				
4.1	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.	16	SM		
5	BILL 5, RC Concrete Works				
5.1	Provide & Cast Reinforced Concrete 1:2:4 Grade 25 on the ground beam (30 cm height x 30 cm width), in the guard room as per drawings. Rates to include the rebar, rate also for form work and curing for 7 days min, as directed by the engineer. Note: the detailing of rebar is 3 in the top and 3 in the bottom in the beam of ϕ 12 mm bars, and stirrups of ϕ 6 mm@ 20 cm c/c	16	LM		
5.2	Provide & Cast Reinforced Concrete 1:2:4 lintel beam (20x20cm) for the guard room and toilet opens lintels to be over doors and windows not surrounding all room, as per drawings. Rates to include the rebar, rate also for form work and curing for 7 days min., as directed by the engineer. Note: the detailing of rebar is 2 top and 3 bottom in the beam of ϕ 12 mm bars, and stirrups of ϕ 6 mm@ 20cm c/c	6	LM		
6	BILL 6, Walls finishes				
6.1	Supply, provide & apply Internal & external Plastering 20 mm thick cement sand 1:6 mix finished semi rough for external walls & smooth internally, in the guard room. The rate of square meter to include plastering of walls and parapet and narrow widths - voids are not considered in the measuring-curing up to three day's minimum.	114	SM		
6.2	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, the color as directed by the engineer	57	SM		
6.4	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.	57	SM		
7	BILL 7, Floors and Tiling works				
7.1	Supply and fix 400X400mm Heavy Duty, water resistant, ceramic floor tiles, Samples shall be approved by site Engineer prior to procurement	16	SM		
7.3	Provide and fix ceramic skirting 10 cm high, grade one with good quality.	16	LM		
8	BILL 8, Roof for the room & toilet				
8.1	Supply and erect steel roof structure minimum yield strength of 275 MPA all according to size and shape specified on the detail drawing including all scaffolds, connect plates, end plates and one coat of red oxide primer & two coats of synthetic enamel paint application to structural steel works				

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
8.2	Provide and fix roof for veranda and room, from corrugated metal zinc sheets of 0.35 mm thickness to be fixed to the steel purlins 30x60x1 mm and 40x80x1 mm rafters including all ridges, fixing bolts, washers and all other necessary accessories as per manufacturer's specifications. Price shall include gutter and downpipes installation. All the steel members to be coated with antirust coating and two spray coats of oil paint to approval and all needed accessories to the satisfaction of the engineer. Sample of materials should be submitted for approval prior to supplying to site. As per drawing and specification. All metal surfaces to be painted with antirust and three coats of oil emulsion paint	16	SM		
8.3	Supply 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 sample to be presented prior installation	16	SM		
8.4	Provide and fix rafters made of rectangular steel pipes 40x80x3 mm. with antirust. The price is inclusive of fixing in the walls and grout with concrete to fix the rafters.	4	LM		
8.5	Provide and fix purlins made from rectangular steel pipes 30x60x3 mm @ 100 mm c/c, painted with oil paint, anti rust, for verandah as per specifications and drawings.	16	LM		
9	BILL 9, Doors, windows				
	Provide, manufacture, assemble & fix metal steel or aluminium doors, windows & partitions as per drawings and below specifications;				
	Main frame from rec. steel pipes (4x8) as specified in drawings				
	Leaf from rec. steel pipe (4x8) filled with (2x4) steel pipe complete with paint covered by steel sheets from inside.,				
	6 mm plain glass for fanlight.				
	Brass hinges.				
	Horizontal mortise lock (Turkey) with int. & ext. handles for doors as per drawings				
	Sample of steel and aluminium must be approved by the Engineer.				

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
9.1	Supply, fabricate and fix steel door size (1000x2200 mm) complete with fixtures and lock in the designated building made of box section steel with 4 X 8cm frame, 3X6 cm for leave frame, with 1½X 1½ cm internal frames all sections should be from heavy-duty types, the lower half bottom of the leave of decorated thick metal sheet and the upper one with decorated glass protected with 10mm square steel bars grill shaped in a decorative way with butt hinges, lockers, etc. all of the good quality and approved types by the engineer. Rate to include for antirust coating and two coats of oil paint to approval. A sample of materials should be submitted for approval prior to supplying to the site. As per drawing and specification	2	No		
9.2	Supply, fabricate and fix three panel windows (1200 X1200 mm) made of box section steel with 3 X6 cm frame, 2X4cm for window leave, with 1½X 1½ cm internal frames all sections should be from heavy duty types, the leave should be from decorated glass protected with 10mm square steel bars shaped in decorative way, two layer of fine mosquito mesh, with butt hinges, lockers and all windows are grill-box shape 20X40mm-180mm c/c spacing RHs window metal grill 150X100cm,etc. of good quality and approved types. Sample of materials should be submitted for approval prior to supplying to site. As per drawing and specification window and steel protection grill coated with red oxide base antirust coating and two coats of oil paint and all the necessary fittings for fixture. The price is inclusive of mosquito net (Nmly) 2 layer	1	No		
9.30	Ditto but 60 x 60 cm/ w2.	1	No		
10	ELECTRICAL FITTINGS				
	Protection Index: Protection Index shall not be less than IP 40 for indoor and IP43 for outdoor that complies with the EN60529 standard.Class II fixture (double insulation).No grounding needed.				
10.1	Ty+B109:B115pe 1, disano 825EL Comfort (156538-00) with 4x18W	2	No		
10.2	Type 6, disano 921 Hydro (164534-00) with 2x36W (4 inch lamp)	1	No		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
10.3	Supply and fix 105W energy saving lamp with wiring of 2x2.5mm ² cable inside PVC conduit of 16mm diameter to be fixed at outside the Buildings.	2	No		
10.4	Feeder Power Cables				
	Extra Over Light Points for Flush Mounted Switches Legrand Décor or approved equivalent				
10.5	Single Switch	1	No		
10.6	Double Switch.	2	No		
	Sub/Main Distribution Board				
10.7	Flush/Surface mounted Sub/Main Distribution Board in steel sheet enclosure, CMDB with lockable door and including bus bars of 100A Amp 3 Phase/ICU=10KA, all necessary fixing and connecting accessories, complete and consisting:-				
10.8	1 Pc 50A, MCB, 3Phase	1	No		
10.9	1 Pc 100A, MCCB, 3 Phase (Main Switch)	1	No		
11	BILL 11, Fire Extinguishers				
11.1	Supply and install 6 Kg ABC Powder Fire Extinguisher containing Mono Ammonium Phosphate Powder 50, Stored Pressure Type, Pressure Gauge, fitted with discharge hose and wall mounting bracket, discharge time less than 15 Secs, controllable discharge mechanism, minimum range 4 Meters, applicable on Class A,B,C and electrically started fire	1	No		
	SUB-TOTAL 4:SECURITY RECEPTION				
	DRIVERS ROOM				
	Drivers Room size 6x4 sq. m				
1	Bill 1, SETTING OUT ALIGNMENT				
1.1	Setting out alignment. Allow for setting out of works in accordance with drawings.	1	L.S		
2	Bill 2, Excavations and Earth Works				
2.1	Excavate for Strip foundation 70x50 cm, including dressing the sides & leveling the bed of the foundation to the required width & required depth, for guard room, all as per drawings & specifications.	20	LM		
2.2	Provide and lay granular fill material of 700mm depth of approved type in layers not exceeding 200mm thick well-watered and compacted as specified for the floor in the guard room as per drawings & specifications.	17	CM		
3	Bill 3, Masonry Works Under NGL				
3.1	Provide and lay stone for foundation 50 cm width, 70 cm height (height as per measurements at site) in cement sand mortar mix 1:6 for guard room.	7	CM		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
3.2	Provide and build 2 (Two) brick wall height 0.7 m from NGL, of first class ordinary burnt red clay bricks in c/s mortar 1:6 for wall plinth, as per specifications & drawings. All types of bricks must be approved by the Engineer before using. For guard room & toilet.	14	SM		
3.3	Provide and build 1 (one) brick wall 1:6 c/s mortar for walls and parapets as per specifications, drawings and directions of the Engineer.	71	SM		
4	BILL 4, Plain Concrete Works				
4.1	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.	24	M2		
5	BILL 5, RC Concrete Works				
5.1	Provide & Cast Reinforced Concrete 1:2:4 Grade 25 on the ground beam (30 cm height x 30 cm width), in the guard room as per drawings. Rates to include the rebar, rate also for form work and curing for 7 days min, as directed by the engineer. Note: the detailing of rebar is 3 in the top and 3 in the bottom in the beam of \varnothing 12 mm bars, and stirrups of \varnothing 6 mm @ 20 cm c/c	20	LM		
5.2	Provide & Cast Reinforced Concrete 1:2:4 lintel beam (20x20cm) for the drivers room, opens lintels to be over doors and windows not surrounding all room, as per drawings. Rates to include the rebar, rate also for form work and curing for 7 days min., as directed by the engineer. Note: the detailing of rebar is 2 top and 3 bottom in the beam of \varnothing 12 mm bars, and stirrups of \varnothing 6 mm @ 20cm c/c	6	LM		
6	BILL 6, Walls finishes				
6.1	Supply, provide & apply Internal & external Plastering 20 mm thick cement sand 1:6 mix finished semi rough for external walls & smooth internally, in the guard room. The rate of square meter to include plastering of walls and parapet and narrow widths - voids are not considered in the measuring-curing up to three day's minimum.	142	SM		
6.2	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, the color as directed by the engineer	71	SM		
6.4	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.	71	SM		
7	BILL 7, Floors and Tiling works				
7.1	Supply and fix 400X400mm Heavy Duty, water resistant, ceramic floor tiles, Samples shall be approved by site Engineer prior to procurement	24	SM		
7.2	Provide and fix ceramic skirting 10 cm high, grade one with good quality.	20	LM		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
8	BILL 8, Roof for the room & toilet				
	Supply and erect steel roof structure minimum yield strength of 275 MPA all according to size and shape specified on the detail drawing including all scaffolds, connect plates, end plates and one coat of red oxide primer & two coats of synthetic enamel paint application to structural steel works				
8.1	Provide and fix roof for veranda and room, from corrugated metal zinc sheets of 0.35 mm thickness to be fixed to the steel purlins 30x60x1 mm and 40x80x1 mm rafters including all ridges, fixing bolts, washers and all other necessary accessories as per manufacturer's specifications. Price shall include gutter and downpipes installation. All the steel members to be coated with antirust coating and two spray coats of oil paint to approval and all needed accessories to the satisfaction of the engineer. Sample of materials should be submitted for approval prior to supplying to site. As per drawing and specification	24	SM		
8.2	Supply 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 sample to be presented prior installation	24	SM		
8.3	Provide and fix rafters made of rectangular steel pipes 40x80x3 mm @ 2 m C/C. with antirust. The price is inclusive of fixing in the walls and grout with concrete to fix the rafters.	12	LM		
8.4	Provide and fix purlins made from rectangular steel pipes 30x60x3 mm @ 100 mm c/c, painted with oil paint, anti rust, for verandah as per specifications and drawings.	24	LM		
9	BILL 9, Doors, windows				
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
	Provide, manufacture, assemble & fix metal steel or aluminium doors, windows & partitions as per drawings and below specifications; Main frame from rec. steel pipes (4x8) as specified in drawings Leaf from rec. steel pipe (4x8) filled with (2x4) steel pipe complete with paint covered by steel sheets from inside. 6 mm plain glass for fanlight. Brass hinges. Horizontal mortise lock (Turkey) with int. & ext. handles for doors as per drawings Sample of steel and aluminium must be approved by the Engineer.				
9.1	Supply, fabricate and fix steel door size (1000x2200 mm) complete with fixtures and lock in the designated building made of box section steel with 4 X 8cm frame, 3X6 cm for leave frame, with 1½X 1½ cm internal frames all sections should be from heavy-duty types, the lower half bottom of the leave of decorated thick metal sheet and the upper one with decorated glass protected with 10mm square steel bars grill shaped in a decorative way with butt hinges, lockers, etc. all of the good quality and approved types by the engineer. Rate to include for antirust coating and two coats of oil paint to approval. A sample of materials should be submitted for approval prior to supplying to the site. As per drawing and specification	1	No		

9.2	Supply, fabricate and fix three panel windows (1000 X1200 mm) made of box section steel with 3 X6 cm frame, 2X4cm for window leave, with 1½X 1½ cm internal frames all sections should be from heavy duty types, the leave should be from decorated glass protected with 10mm square steel bars shaped in decorative way, two layer of fine mosquito mesh, with butt hinges, lockers and all windows are grill-box shape 20X40mm-180mm c/c spacing RHs window metal grill 150X100cm,etc. of good quality and approved types. Sample of materials should be submitted for approval prior to supplying to site. As per drawing and specification window and steel protection grill coated with red oxide base antirust coating and two coats of oil paint and all the necessary fittings for fixture. The price is inclusive of mosquito net (Nmly) 2 layer	3	No		
9.30	Ditto but 60 x 60 cm/ w2.	1	No		
10	BILL 10 Electrical Works				
10.1	Freon type AC 18000 btu/hr. And with RHS metal section seat and steel cage protection made from RHS pipes. Price shall include 25A/2P breaker inside the distribution board, Tumbler Switch inside separate box, surface mounted 3x4mm2 cable to be installed inside diameter 25mm conduit with clip over the wall and ceiling at maximum interval of 50cm.	1	No		
10.2	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.	1	No		
10.3	Ditto but wall mounted Ventilation FAN for Bath/ toilets. W3	1	No		

ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
10.4	16A/1P socket outlet and Ceiling fan points fed through PVC insulated conductors of 3x2.5mm ² inside PVC conduit of 16mm diameter including junction boxes with covers and insulating screw cap connectors.	1	No		
10.5	Flush mounting Single socket outlet of 16A 1Phase.	1	No		
10.6	Light Fittings and Lamps				
	Connected and tested including lamps and accessories complete, all as specified or described in lighting fittings schedule and as shown on the drawings. Approved Light fitting manufacturers are disano, Thorn, GE, OSRAM, and Philips all original.Housing: made of sheet steel.Coating: Housing & reflector in white, UV-stabilized polyester powder.Lamp holder: Polycarbonate with phosphorous bronze contacts.Electric gear: 230-240V/50-60Hz power supply with electronic ballast. Hard wire, cross section 0.5 sq mm, and high temperature resistant (up to 90oC) PVC-HT sheath, in accordance with CEI 20-20 standards. 2P + T terminal block. V Protection Index shall not be less than IP 40 for indoor and IP43 for outdoor that complies with the EN60529 standard. Class II fixture (double insulation).No grounding needed.				
11.1	Type 1, disano 825EL Comfort (156538-00) with 4x18W	2	No		
11.2	Type 6, disano 921 Hydro (164534-00) with 2x36W (4 inch lamp)	1	No		
11.3	Supply and fix 105W energy saving lamp with wiring of 2x2.5mm ² cable inside PVC conduit of 16mm diameter to be fixed at outside the Buildings.	2	No		
	Extra Over Light Points for Flush Mounted Switches Legrand Décor or approved equivalent				
11.4	Single Switch	1	No		
11.5	Double Switch.	2	No		
	Sub/Main Distribution Board				
	Flush/Surface mounted Sub/Main Distribution Board in steel sheet enclosure, CMDB with lockable door and including bus bars of 100A Amp 3 Phase/ICU=10KA, all necessary fixing and connecting accessories, complete and consisting:-				
11.6	1 Pc 50A, MCB, 3Phase	1	No		
11.7	1 Pc 100A, MCCB, 3 Phase (Main Switch)	1	No		
12	BILL 12, Fire Extinguishers				
12.1	Supply and install 6 Kg ABC Powder Fire Extinguisher containing Mono Ammonium Phosphate Powder 50, Stored Pressure Type, Pressure Gauge, fitted with discharge hose and wall mounting bracket, discharge time less than 15 Secs, controllable discharge mechanism, minimum range 4 Meters, applicable on Class A,B,C and electrically started fire	1	No		
	SUB-TOTAL 5: DRIVERS ROOM:				

6	SAFE ROOM				
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
1	Create an opening of 1500mm wide through a masonry wall between two rooms including plastering the cut surfaces to a smooth finish	1	PC		
2	construct a partitioning wall 2000mm long for partitioning of toilet	1	PC		
3	Heavy duty metallic door: Height 2100x1050mm width. 60x30X3mm frame, 4mm thick single metal sheet cover, 12mm diameter metal dead bolts for locking; 50mm diameter hinges, primed and painted with oil based emulsion as per the drawing ZAL-2020-002	1	PC		
4	Ditto but measuring 1000x1000 as window	1	PC		
5	12000 BTU split Airconditioner complete including installation outdoor frame, sockets				
6	Internal bathroom door complete with frame and mortice lock				
7	WC toilet to the approval by the Engineer complete including connection to the nearest manhole. Include a pedestal wash hand basin. All fitting are ceramic and include all waste drainage fittings and connection to the fresh water line	1	SET		
SUB-TOTAL 6: SAFE ROOM					
7	GROUND FLOOR PARTITION				
1	Partitioning wall of mild steel 80x40x3mm with angle frames frame with gypsum board clad on both sides	10	LM		
2	Remove existing door and fill with brick masonry complete with plaster and painting of the filled surface	1	PC		
3	Remove existing door, plaster the cut surfaces and paint to maintain it as an opening	2	PC		
4	Remove masonry wall to create door opening and plaster the edges including painting	1	PC		
5	Cut existing masonry wall and reinstall one of the reallocated door to internal finish complete with painting	1	PC		
6	Provide for cleaning and carting away any excess debries and paint touch to make good all surfaces	1	LS		
SUB-TOTAL 7:GROUND FLOOR PARTITION:					

8 CAR PARK					
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)
	Supply and Fix				
1	Excavation of 600 X600X1000mm deep holes to receive steel columns	8	CM		
2	Mass concrete class 25 to anchor columns to the ground	3	CM		
3	Mild steel Circular Hollow section, CHS, 75mm Diameter, 3mm thick for columns	71	LM		
4	Mild steel Rectangular Hollow Section, 80x40x3mm for Tiebeams and rafters	88	LM		
5	Mild steel Rectangular Hollow Section, 60x30x3mm for Purlins spaced at 1000mm Center to centre	126	LM		
6	Mild steel Rectangular Hollow Section, 40x40x3mm for Ties and struts	30	LM		
7	0.35mm Thick Galvanised Corrugated Iron sheets fixed on the roof frame with J-bolts and rubber washers	126	SM		
8	Painting on two coats of antirust paint to all metal surfaces	1	ITEM		
9	Painting on three coats of oil based paint to all metal surfaces	1	ITEM		
SUB-TOTAL 8: CAR PARKING SHADE					
9 BOOM BARRIERS(2NO)					
1	Excavation of 1000by1200 by 1000mm deep holes to receive steel columns	4	ITEM		
2	Mass concrete class 25 to anchor columns to the ground	5	CM		
3	I-section columns, Universal 100mm, for vertical supports fixed into concrete with steel lags. The sections will be 2000mm long	12	PC		
4	100mm diameter Circular Hollow section, CHS, 3mm thick to be fabricated as cross bars	20	LM		
5	50mm diameter Circular Hollow section, CHS, 3mm thick to be fabricated as bracing for the cross bars	8	LM		
6	25mm diameter dead bolts for anchoring the cross bars to the vertical verticals including the holding brackets to approval	4	SET		
7	Mild steel plate, 3mm thick to be fabricated into a box for the balancing weight	8	SM		
8	25x25x3mm Angle Bars for reinforcing of the balancing weight box	20	LM		
9	Painting on two coats of antirust paint to all metal surfaces	2	ITEM		
10	Painting on three coats of oil based paint to all metal surfaces	2	ITEM		
11	Allow for transportation and onsite fixing to approved quality	2	ITEM		
SUB-TOTAL 9: BOOM BARRIER					

10	GRILLS AND REINFORCEMENTS WORKS					
ITEM	DESCRIPTION	QTY	UNITS	RATE (USD)	AMOUNT (USD)	
	Supply and fix					
1	Door grills fabricated from 60x30x3mm Mild steel sections with proper welded joints, antirust painting and two coats of oil emulsion paints as per the drawing. Door grill measurements will be 1400x2100mm	1	PC			
2	Door grills fabricated from 60x30x3mm Mild steel sections with proper welded joints, antirust painting and two coats of oil emulsion paints as per the drawing. Door grill measurements will be 1200x2100mm	3	PC			
3	Window grills measuring 1500x1500mm fabricated from 60x30x3mm and installed as directed on site	6	PC			
4	Replacement of fibre glass sheet with 3mm thick metal sheets for the two front gates. Include repair of dead bolts, hinges and painting with antirust and two coats of oil emulsion paint	2	PC			
5	Supply and install with concrete 2 meter high concrete bollards. 600mm underground from a 100mm diameter Circular hollow section pipes filled with concrete and fixed in the ground with concrete as directed on site. Include painting to approved colours	30	PC			
	SUB-TOTAL 10: GRILLS AND REINFORCEMENT					
11	GENERAL SITE IMPROVEMENT FOR THE PARKING SPACE					
1	Clear the parking space and levelise with machine the whole compound	500	SM			
2	Excavate and lay 900mm diameter concrete pipe culverts laid on a mass concrete bedding and backfilled with quarry material to direct the existing natural drainage line across the plot	40	LM			
3	supply a single layer of gravel/quarry approved material, levelise and compact to proper finish for the parking lot space	500	SM			
4	Construct a masonry/ concrete ramp at the exit joining the office compound and the parking space. The rampo will be 2 meter wide by 4 meter long with fixed mild steel guardrails on each side	1	PC			
	SUB-TOTAL 11: GENERAL SITE IMPROVEMENT :					

SUMMARY FOR LOT 3					
SUB-TOTAL 1- Police Room					
SUB-TOTAL 2-Generator and Fuel Shade					
SUB-TOTAL 3-Perimeter Fence					
SUB-TOTAL 4- Security Reception					
SUB-TOTAL 5- Drivers room					
SUB-TOTAL 6-Safe Room					
SUB-TOTAL 7-Ground Floor partition works					
SUB-TOTAL 8-CAR PARK					
SUB-TOTAL 9: BOOM BARRIER					
SUB-TOTAL 10: GRILL WORKS AND REINFORCEMENT					
SUB-TOTAL 11: GENERAL SITE IMPROVEMENT					
TOTAL FOR LOT 3:					
MAIN SUMMARY					
LOT 1: ELFASHER GUESTHOUSE/OFFICE					
LOT 1: NYALA GUESTHOUSE					
LOT 3: ZALINGEI GUESTHOUSE					
GRAND TOTAL					
NAME & TITLE:					
ON BEHALF OF:					
SIGNATURE / STAMP :					
DATE:					