

## ANNEX B

### BILL OF QUANTITY RENOVATION OF FORMER CONTRACTOR'S OFFICE TO ACCOMODATION

No	ITEM DESCRIPTION	QTY	UNIT	RATE (TZS)	TOTAL AMOUNT(TZS)
<b>A</b>	<b>Mobilisation and demobilisation</b>	1	Sum		
<b>B</b>	<b>CONCRETE WORK</b>				
	<b>Floor hacking</b>				
	Remove the existing top floor and take away from the site	120	Sm		
	<b>Sundries</b>				
<b>C</b>	Supply and fix a 1000 Gauge polythene sheet damp proof membrane, 200mm lapped joint 20mx6m	120	Sm		
	<b>REINFORCEMENT; FABRIC B.S 4483</b>				
	<b>BRC mesh fabric reinforcement ref A63 (weighing 1.5kg/m<sup>2</sup>) beneath floor bed with 6mm main and cross wires @200mm c/c and 200mm laps to cover a 20m X 6m</b>	120	Sm		
<b>D</b>	<b>Vibrated reinforced in-situ concrete grade 20, mix ratio (1:2:4)</b>				
	100mm thick reinforced slab	12	Cm		
<b>2</b>	<b>BLOCK WORK</b>				
	Walling, concrete blocks, BS2028 type A, average compressive strength 4N/sqmm, bedded and jointed in cement mortar (1:4)				
<b>A</b>	150mm thick block wall	25	Sm		
<b>B</b>	230mm thick block wall	25	Sm		
<b>C</b>	230mm thick additional wall over beam	25	Sm		
<b>3</b>	<b>DOOR, WINDOW AND GRILLS GRILLS</b>				

<b>A</b>	Supply and fix a 900mmX2400mm decorated hardwood doors (the cost shall include all necessary accessories like; door hinges, tower bolts (UNION), painting etc.	6	Nr		
<b>B</b>	Hydraulic cylinder door closer SOLEX brand or equivalent	6	Nr		
<b>C</b>	Supply and fix door lock (Brand – UNION)	6	Nr		
<b>D</b>	Supply and fix a 750mmX2400mm decorated hardwood doors (the cost shall include all necessary accessories like; door hinges, tower bolts (UNION), painting etc.	4	Nr		
	Supply and fix a 900mmX 2400mm door grills as per Engineers instruction (the cost shall include two coats of both red oxide, two coats of approved paint and all the necessary accessories.	5	Nr		
<b>E</b>	Supply and fix a 1500mmX1600mm grill window of which <i>four</i> of them should be modified with an escape widow for emergence as per drawing and all necessary accessories like; 350mmX250mm metal plate for openable escape window, two coats of both red oxide and approve paint, hinges, tower bolt etc.	7	Nr		
<b>F</b>	Supply and fix a 750mmX 600mm toilet vent grill window the cost shall include two coats of both red oxide and approve paint	4	Nr		
<b>G</b>	Supply and fix 400mm X 900mm external door vent grills, the cost shall include two coats of both red oxide and approved paint, glass of similar dimensions.	5	Nr		

<b>H</b>	Supply and fix a 750mmX 400mmX4mm thick glass to toilet door vents	4	Nr		
<b>I</b>	Supply and fix 400mm X 900mmX 4mm thick glass to external door vent grills, the cost shall include two coats of both red oxide and approved paint	6	Nr		
<b>4</b>	<b>CEILING FINISHES</b>				
	<b>INTERNALLY CEILING WORK</b>				
	<b>Plain sheet finishings; suspended gypsum board ceiling, 9mm thick; butt joints with joints sealed with and including fibre tape fixed with approved adhesive and aluminium bead</b>				
<b>A</b>	50X50mm timber for brandering at 400mm interval	65	M		
<b>B</b>	Plain sheet finishing; suspended ceiling board, 9mm thick; butt joints with joints sealed with and including fibre tape fixed with approved adhesive. ( <i>Brand - Double elephant</i> ).	22.8	Sm		
<b>C</b>	90 x 13mm; gypsum cornice; forming coved junction with walls; fixing with approved adhesive and nails both internally and externally	130	M		
<b>D</b>	In-situ finishing; Surface limes skimming to be done in three layers	20	Sm		
<b>E</b>	In-situ painting with approved by the Engineer	120	Sm		
	<b>EXTERNALLY/EAVE CEILING WORK</b>				
	<b>4.5 mm thick SUPERFLEX autoclaved cellulose fibre cement flat board (UCO or equivalent) fix with 30mm long nails at 200mm C/C and joints sealed with approved adhesive and fibre tape.</b>				

<b>F</b>	50X50mm timber for brandering at 400mm interval	110	M		
<b>G</b>	Plain sheet finishing; suspended cellulose fibre cement board, 9mm thick; butt joints with joints sealed with and including fibre tape fixed with approved adhesive.	25	Sm		
<b>H</b>	In-situ finishing; Surface limes skimming to be done in three layers	25	Sm		
<b>5</b>	<b>ELECTRICAL WORK</b>				
	<b>Supply and fix the following electrical equipment and appliances</b>				
<b>A</b>	1.5sq mm twin cable rolls	200	M		
<b>B</b>	2.5sq mm twin cable rolls	200	M		
<b>C</b>	4.0sq mm twin cable	40	M		
<b>D</b>	Control cooker unit	1	Nr		
<b>E</b>	Switch sockets	10	Nr		
<b>F</b>	One way 2 gang switch	9	Nr		
<b>G</b>	One way 1 gang switch	1	Nr		
<b>H</b>	DP Switch 20A with neon indicator and cord outlet provision, white colour, flush mounted.	9	Nr		
<b>I</b>	Ceiling fans, 36inch sweep diameter, complete with speed regulators with “on” and “off” positions NATIONAL brand or equivalent.	4	Nr		
<b>J</b>	LED Panel illuminator lighting size 250x250	15	Nr		
<b>K</b>	One way gang switch	5	Nr		
<b>l</b>	Single square metal box	25	Nr		
<b>M</b>	Twin square metal box	10	Nr		
<b>N</b>	20mm PVC conduit	30	Nr		
<b>O</b>	25mm PVC conduit	20	Nr		
<b>P</b>	10L water heater (one to be fixed in radio unit room)	5	Nr		

6	<b>AIR CONDITIONS AND VENTILATION INSTALLATIONS</b>				
	<b>Supply and install the following outdoor and indoor condensing unit, LG brand or approved equivalent brand by service engineer. Each brand shall be marine environment weather proof type. Refrigerant type R22, f 50Hz power 230v</b>				
A	Single split system, one outdoor one indoor wall mounted type cooling capacity 12000 Btu/hr including refrigerant piping and fittings, interunit wiring and condensate drainage piping (for 4.0m distance), the cost shall include all necessary accessories	4	Nr		
7	<b>PLUMBING AND SANITARY INSTALLATIONS</b>				
	<b>Supplying and fixing sanitary fittings; subjected to prior approval of the Engineer</b>				
A	White VITREOUS China 57cm WASH basin with pedestal including single tap holes, chain stay holes, super spa ½in pillar tap (PEX or Equi), 1¼ in bead chain waste and plug, bottle trap isovalve servicing, 80 mm slotted tail, bolt stay. Ex China	4	Nr		
B	White VITREOUS China 50cm Vanity basin with single tap holes, chain stay holes, super spa ½in pillar tap (PEX), 1¼ in bead chain waste and plug, bottle trap isovalve servicing, Ex China	4	Nr		
C	White VITREOUS China closed couple back to wall low level 9 litre Water Closet including pneumatic push button flush, seat cover, flush pipe; Eastern type Ex China	4	Nr		

D	150x150mm White VITREOUS China semi-recessed toilet paper roll holder Ex China	4	Nr		
E	Chromium plated Soap tray Ex china	4	Nr		
F	600x450x6mm thick silvered float glass with chamfered and polished edges fixed with chrome plated mirror screws to wall Ex China	4	Nr		
G	Hand bidet with flexible pipe Ex China	4	Nr		
H	Bib tap 1/2 " (PEX, or equivalent)	4	Nr		
I	Angle Valve 1/2" (PEX- or equivalent)	4	Nr		
J	Construct standard manholes not exceeding 500mm deep, internal size 450mmx450mm comprising 230mm block wall, 200mm concrete grade20 bed, 100mm thick reinforced concrete cover slab (grade 20) including A142 fabric mesh reinforcement, medium duty manhole cover, 20mm cement and sand (1.3) screed to floors and render to block work internally as detailed including excavations, formwork and disposal of surplus excavated material complete all pipe connection to inspect. Chambers and backfilling to pipe trenches.	6	Nr		
K	Supply and fix a 100mm diameter UPVC pipe to connect all inspection chamber to septic tank, the cost shall include excavation, 50mm sand bed and 100mm top sand cover	45	M		
L	Supply and fix a 500mmX1200 standard kitchen sink, the cost shall include all necessary accessories like fittings, correlating inlet IPS water, wastewater pipe and e.t.c	1	Nr		
8					
	<b>Water Supply Installation</b>				
A	Supply and install 50mm diameter, HDPE Pipe from existing water storage water networks including all fittings and fixtures	30	Nr		

	in trench 800mm deep complete with excavation cost and labour.				
	<b>Water Supply IPS pipes and associated fittings to BS 4660, all Class B</b>				
	<b>Supply, Install, and join the IPS pipes, valves and fittings to BS 4660 or equivalent including pipe supports, labour chasing of walls and all builder works and all Elbow and T-Joints as per drawings</b>				
	<b>IPS pipes c/w associated fittings to BS4660</b>				
<b>B</b>	15 mm diameter pipe	50	M		
<b>C</b>	20 mm diameter pipe	25	M		
<b>D</b>	25 mm diameter pipe	25	M		
<b>E</b>	32 mm diameter pipe	25	M		
	<b>Valves and Fittings to BS 1387</b>				
<b>F</b>	<b>PEX or Equivalent</b>				
<b>G</b>	32 mm diameter gate valve	4	Nr		
<b>H</b>	32 mm diameter non-return valve	4	Nr		
<b>I</b>	25 mm diameter gate valve	4	Nr		
<b>J</b>	20 mm diameter gate valve	4	Nr		
<b>K</b>	20 mm diameter non-return valve	4	Nr		
<b>L</b>	15 mm diameter gate valve	4	Nr		
<b>M</b>	Floor traps (with 150x150 stainless steel cover plate)	8	Nr		
<b>9</b>	<b>WALL FINISHES</b>				
	<b>In-situ finishing; render, cement and sand plaster (1:4) to make a smooth surface. Work to walls - block work</b>				
<b>A</b>	15mm thick wall plaster	120	Sm		

<b>B</b>	In-situ finishing; lime plaster skimming (1:1:7) steel trowelled surface finish	120	Sm		
<b>C</b>	In-situ finishing; lime plaster skimming to gypsum and eave ceiling board (1:1:7) steel trowelled surface finish	120	Sm		
<b>10</b>	<b>DECORATIONS</b>				
	<b>(Gold star, sadolin or approved equivalent)</b>				
	<b>EXTERNAL WALLING</b>				
<b>A</b>	Prepare and apply one thinned coat and two full coats of Acrylic Based Weather Guard paint	135	Sm		
	<b>INTERNAL WALLING</b>				
<b>B</b>	<b>Painting;</b> internal work; one undercoat and two coats of wash wear silk emulsion on plastered surface including preparing the surface and any point on wall or gypsum board that might be scratched during construction	200	Sm		
<b>11</b>	<b>Floor Tilling</b>				
<b>A</b>	50mm thick rough floor	120	Sm		
<b>B</b>	600mmx600mm tiles in an approved pattern as per Engineer's instructions	120	Sm		
<b>C</b>	Wall tilling	45	Sm		
<b>D</b>	Skirting	100	M		
<b>E</b>	Cleaning after finishing work	1	Sum		
	<b>Sub total</b>				
	<b>VAT (18%)</b>				
	<b>TOTAL</b>				