

**NEW ARCHIVE OVER ENTRANCE FOYER**

**BILL OF QUANTITIES**

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	<b>ALTERATION</b>				
	<b>Information</b>				
	The contractor is advised to visit the site and access the nature and extent of demolition work to be executed				
	Alteration and demolition of parts of existing structures and other associated works.				
	The contractor should however refer to the various architectural and structural details in relation to this section of work for the nature of detailed content of the work to be executed				
A	Carefully demolish where necessary and redirect existing services if necessary, remove all existing roof elements, steel canopies, mild steel columns etc to include dispose and carefully cart away.		item		
B	<b>Allow for additional works in this section</b>		item		
	<b>ALTERATION CARRIED TO SUMMARY</b>				
2	<b>SUBSTRUCTURE</b>				
	<b>Information</b>				
	This work in this section comprises of excavations,levelling and compactions to support existing floor and introduction to support decks, upper floors and other ancilliary works				
	<b>Excavation</b>				
A	<b>Excavate foundation pits for pad foundations not exceeding 600mm width , maxmum depth, not exceeding 600mm starting at stripped level</b>	2	m3		
B	<b>Back and remove previously excavated materials to site</b>	2	m3		

	Surface Treatment				
C	Level and compact bottom of excavation to receive concrete	4	m2		
	Concrete work				
D	Plain in-situ concrete { 1:4:8 } binding not exceeding 50mm thick in : foundations, under pad footings	1	m3		
	Vibrated reinforced in-situ concrete { 1:2:4-19mm aggregate} filled into formwork and well packed around reinforcement measured seperately in;				
E	Pad footings 600mm deep	1	m3		
	Support				
F	High yeild foundation support in form cleave or gutted plates fabricated to support existing foundation footings at 2m intervals	18	nos		
	Reinforcement				
	High yeild reinforcement to BS4449 in straight and bent bars cut to length including hooks spacers distance blocks tying wires, welding to threaded nuts to receive structural steelUB Columns measured seperately				
G	10 - 16mm diametre	45	kg		
H	BRC mesh ref A -142 to slab according to the structural Engineers specifications	7	m2		
	Sawn formwork to;				
I	Edges of footings not exceeding 600mm deep	4	m2		
J	Protect all works in this element		item		
	SUBSTRUCTURE CARRIED TO SUMMARY				
3	FRAMES, UPPER FLOORS AND STAIRCASES				
	Information				
	Referrence is made to Architects drawing for details and work description required in this section				

	<b>Concrete work</b>				
	Vibrated reinforced in- situ concrete { 1:2:4 - 19mm aggregate } filled into formwork and well packed around reinforcement measured seperately in:				
A	Floor slabs, 50mm thick	3	m3		
	<b>Vibrated reinforced precast concrete {1: 2 :4 - 19mm aggregate} well packed around BRC mesh reinforcement measured seperately in;</b>				
B	Steps 50mm thick	1	m3		
	<b>Reinforcement</b>				
C	BRC mesh to upper floor slab, according to the structural engineers specifications	55	m2		
D	Ditto to precast step slabs	12	m3		
	<b>Structural Steel Frames, Upper floor and Staircase</b>				
E	Steel metal deck plate welded to structural steel frames receive concrete slab inclusive of storage container floor slab according to the structural engineers specifications	40	m2		
	<b>Unfabricated Steel work</b>				
F	Allow for the fabrication and installation of weldable structural steel frames and staircase to BS4360 including necessary specified Universal beams, H Beams welded to base plate to support, L Angles, steel plates and bolts etc, cut to length and primed with anti corrosion primers, to wall support frame, staircase and handrails, according to the architects specifications		sum		
G	Protect all works in this element		item		
	<b>FRAMES, UPPER FLOORS AND STAIRCASES CARRIED TO SUMMARY</b>				
<b>4</b>	<b>WALL</b>				
	<b>Information</b>				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				

	<b>Panel Walls</b>				
A	50mm thick sandwich cold room pallet sourced from Vitapur Nigeria Limited equally approved complete with necessary installation interlocks and accessories, fixed according to the architects instructions	68.5	m2		
	50mm thick panel walls, 2.5m high				
B	Protect all works in this element		item		
	<b>WALL CARRIED SUMMARY</b>				
5	<b>ROOF</b>				
	<b>Information</b>				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				
	<b>Roof carcass</b>				
A	Allow for the fabrication and installation of steel roof carcass, including necessary specified L Angles plates, bolts etc, well welded, cut to length, primed with anti corrosion primers, to receive longspan aluminium covering attached above support frame with attached fascia board to receive aluminium roof fascia as directed		sum		
	<b>Covering</b>				
	Approved longspan corrugated aluminium otherwise approved roofing sheets fixed to purlins with necessary accessories including drive screws and bolts, nut washers and bituminous sealers all in accordance with manufacturers printed instructions				
B	0.55mm thick roofing sheets	65	m2		
C	0.55mm thick ridge 300mm girth	15	m		
D	Allow for aluminium roof gutter system, connected to attached PVC pipes according to the architects specifications		sum		
E	Protect all works in this element		item		
	<b>ROOF CARRIED TO SUMMARY</b>				

6	<b>FINISHES</b>				
	<b>Information</b>				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				
	<b>Floor Finishes</b>				
	Approved 10mm thick fully vitrified floor tiles finish laid to approved pattern fixed with tile adhesives but jointed and pointed in matching grout, laid on screeded bed{ tile cost 3500 per m2},screed measured seperately in all office spaces and step on tiles for external stairwell thread and landing				
A	Floors	44	m2		
B	42mm cement and screeded bed {1:3}	44	m2		
	Floors				
	<b>Ceiling Finishes</b>				
	Supply and install approved 600mm x 600mm suspended mineral fibre boards fixed to galvanized steel knoggings				
C	Ceilings { upper floor new archive} and{ ground floor Entrance foyer}	90	m2		
	<b>Cladding</b>				
	Supply and fix neatly high gloss quality alucobond to Hbeam supports at the ground floor as cladding	15	m2		
E	Allow a provisional sum for additional works to the following finshing items		sum		
F	Protect all works in the element		item		
	<b>FINISHINGS CARRIED TO SUMMARY</b>				

7	<b>WINDOWS , BURGLARS AND DOORS</b>				
	<b>Information</b>				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				
	<b>Windows</b>				
	Tower Economy sliding Aluminium powdered coated approved window with 6mm clear glass and flyscreen complete with all iron mongery assembled and fixed				
A	<b>450mm x 1700mm high projected</b>	<b>14</b>	<b>nos</b>		
B	<b>3000mm x 600mm high projected with 3000mm x300mm{2nos fixed}. Refer to architectural details</b>	<b>1</b>	<b>nos</b>		
	Approved burglar proofz screens to window openings consisting of 25 x 25 x 20mm metalbar sections pipe at 150mm centres vertically and horizontally welded together and coated with same specified above aluminium profile infused to window frame to suit opening as directed by Architect;				
C	<b>Allow a provisional sum for fabrication and installation of burglars to windows</b>		<b>sum</b>		
	<b>Doors</b>				
	Supply and fix American Panel flush Doors of superior quality with woodlike finish complete with approved frames, architraves, and set of necessary iron mongery obtained from approved suppliers				
D	<b>900mm x 2100mm high imported turkey security door</b>	<b>1</b>	<b>nos</b>		



	<p>Allow a provisional sum for mounting a locally insitu fabricated mild steel container beside existing fence and conference building with dimension 1800mm wide x 3300mm long at 2400mm headroom height suspended at 700mm above floor level. Attached is a 900mm x 700mm high window, 900mm x 2100mm imported turkey security door, panel boarded fully, screeded and painted inernally, suspended ceiling works, tiling works on floor with applicable electrical works and fittings ditto to 20FT container in place.</p>		sum		
Protect all works in this item					
<b>FABRICATED STEEL CONTAINER STORAGE</b>					
<b>SUBTOTAL</b>					



SUMMARY				
Alteration				
Substructure				
Frames, Upper floor and Staircases				
Walls				
Roof				
Finishings				
Windows , burglars and Doors				
Engineering services				
<b>SUBTOTAL</b>				
Fabricated steel container storage				
<b>TOTAL{CARRIED TO GENERAL SUMMARY}</b>				