
BILL OF QUANTITIES
FOR THE
**PROPOSED RENOVATION OF A BLOCK OF
STUDENTS HOSTEL AT SASAKWA**

FOR
**CENTRE FOR BIOTECHNOLOGY, AHMADU BELLO
UNIVERSITY ZARIA**

December, 2017

DEMOLITION AND ALTERATION

Carefully remove and convey to Estate Department store/yard

A	Remove existing 44mm honey comb core flush doorsize 900 x 2100mm; in offices main	16	nr	3,000.00	48,000.00
B	Ditto: Door size 750 x 2100mm; in offices main entrance	8	nr	3,000.00	24,000.00
C	Remove/scrape existing flt work on corridor/passagge and toilet decking	114	m2	400.00	45,600.00
D	Remove existing asbestors roof covering	251	m	600.00	150,600.00
E	Ditto; asbestors ceiling and noggins	245	m	800.00	196,000.00
	Allow a provisional sum for the demolition of concrete surface tank stand size 2000 x 2000 x 600mm high and the subsequent disposal of debris		item		120,000.00
G	Carefully remove broken louver glass size 150 x 600mm	80	nr	300.00	24,000.00
H	Allow a provisional sum for the removal of all door and window netting with its associated hard wood framing		sum		50,000.00
I	Ditto; All electrical fittings to include sockets (16nr), fans (12nr) and switches		sum		50,000.00

DEMOLITION AND ALTERATION

Carried to Summary

708,200.00

ROOFING

Supply and fix Queensway 0.55m long span colour coated aluminium roofing sheet and accessories in approved colour finish lapped and fixed in accordance with manufacturers instructions (m/s) including coating all surfaces in contact with concrete with bituminous paint

A	Roof covering	253	m	3,200.00	809,600.00
B	Flashing 450mm	85	m	2,300.00	195,500.00
C	Ditto; eave angle	85	m	800.00	68,000.00
<u>Bitumen Felting Roofing</u>					
D	25mm rendering to slope on roof decking	114	m2	2,300.00	262,200.00
E	Supply and spread MCO1 Bituminous primer on redred walls	114	m2	2,600.00	296,400.00
<u>Single layer paralon NT4 water material comprising underlay of impertene primer and top paralon NT\$ water proofing with 100mm side and end lap bounded together with 100mm side and end lap bounded together with flame heat to preheated concrete surface; finished with brilliant Aluminium point</u>					
F	Roof decking in toilets	114	m2	3,500.00	399,000.00

ROOFING

Carried to Summary

2,030,700.00

WINDOWS AND DOORS

DOORS

Supply and fix; purpose made steel (1.5mm thick plate) door of approved metal design, complete with frames, handles, lock set of approved quality, hooks for padlock; Prime with good quality rust inhibitive primer and apply superfine anamel by spray application to match

A	Door size 900 x 2100mm complete	16	nr	28,000.00	448,000.00
B	Door size 750 x 2100mm complete	8	nr	28,000.00	224,000.00
<u>WINDOWS</u>					
C	Clearsheet 4mm louverglass size 600 x 150mm using approved glaziers	80	nr	1,400.00	112,000.00
	<i>Mosquito wire netting to opennings: with 50 x 50mm hardwood timber framing: to</i>				-
D	Door size	16	nr	2,100.00	33,600.00
E	Window size; 1200 x 1200mm	20	nr	2,100.00	42,000.00
F	Ditto; 600 x 1200	4	nr	2,100.00	8,400.00
G	Ditto; 600 x 600	8	nr	2,100.00	16,800.00

WINDOWS AND DOORS

Carried to Summary

884,800.00

WALL FINISHES

Painting and Decorations

Prepare surfaces and supply one under coat with two finishing coats of approved quality emulsion paint; to

A	Walls; rooms and corridors passages	813	m2	600.00	487,800.00
B	Ditto; Widths not exceeding 300mm	271	m	400.00	108,400.00
C	Ceramic tiles to BS6431; 200 x 300 x 8mm walls tiles; fixed with cement mortar to redered wall surfaces; in internal areas of toilet walls	163	m2	2,500.00	407,500.00

External Painting

Prepare surfaces and apply one under coat with two finishing coats of approved quality textured paint; to

D	Walls;	305	m2	600.00	183,000.00
E	Ditto; widths not exceeding 300mm	101	m2	450.00	45,450.00
F	Allow a provosional sum for the maintenance existing structural defects to be expended as directed by the Architects and/or the Engineer		sum		100,000.00

WALL FINSIHES

Carried to Summary

1,332,150.00

FLOOR FINISH

Stone/Concrete Ceramic Tiling

ceramic tiles to BS 6431; glazed and polished; in approved colour; 600 x 600 x 12mm; laid in an approved pattern, fixing on 38mm cement and sand thick bed adhesive; pointed and jointed neat in matching cement mortar (1:3)

A	Hostel rooms	178	m2	3,000.00	534,000.00
B	Ditto; 150mm high skirting	278	m2	2,100.00	583,800.00
C	Ceramic tiles to BS 6431; unglazed; in approved colour; 300 x 300 x 8mm; fixed on 42mm cement and sand bedding; 1 toilet	15	m2	3,000.00	45,000.00

FLOOR FINISH

Carried to Summary

1,162,800.00

CEILING FINISHES

Plastic PVC Ceiling

A	Supply and fix 180 x 6000 x 6mm fire and water proof PVC suspended ceiling fixed to hardwood noggings (measured Separately)	245	m2	2,500.00	612,500.00
B	Prepare and supply one under coat with two finishing coats of approved emulsion paint	115	m2	600.00	69,000.00

CEILING FINISHES

Carried to Summary

681,500.00

MECHANICAL INSTALLATIONS

Supply and fix the following:

A	Water closet suite, TWYFORD or other equal and approved; low level, white vitreous china pedestal; closed coiple washdown; double plastic ring seat; 9 litres flushing cistern on pair of galvanised mild steel concealed brackets with and including screwing pedestal to floor	8	nr	45,000.00	360,000.00
B	Wash hand basin; TYWFORD or other equal and approved; to BS 1188, with pedestal in white vitroues china; 590 x 495mm; complete with 2Nr silver plated pillar taps, lift type, waste fitting, chain, stay and plug and fixing to pair of wall bracket and to floors	8	nr	22,000.00	176,000.00
C	Wall mirror; 450 x 500mm size; Pilkinton silver coated glass; Fixed adequately to tiled wall	8	nr	7,000.00	56,000.00
D	Allow a provisional sum for water supply connections and waste water disposal		sum		50,000.00
E	Construct surface tank stand size 2000 x 2000 x600mm using 230mm block work; crossed internally and filled solid with imported laterite/rubles	1	nr	320,000.00	320,000.00
F	Construct inspection chamber using 230mm thick sandcrete, render both surfaces and 75mm thick reinforced concrete cover slab size 1200 x 800mm	1	nr	220,000.00	220,000.00

MECHANICAL INSTALLATIONS

Carried to Summary

1,182,000.00

ELECTRICAL INSTALLATIONS

ALL PROVISIONAL

<u>Fittings and accessories: of approved make</u>					
A	5a 1-gang 2-way A&B Switch	30	nr	2,000.00	60,000.00
B	13A 3-pin twin flush type white plastic socket outlet	18	nr	2,000.00	36,000.00
C	LED surface 18w modular ceiling fitting of approved brand	24	nr	2,000.00	48,000.00
D	Ditto; 12w modular fittings in toilets	8	nr	2,100.00	16,800.00
E	ORL Ceiling fans of approved brand	12	nr	2,100.00	25,200.00
F	Allow a provisional sum for works related to cabling and conducting, unforeseen electrical defects and phase balancing to be expended as directed by the Architect or Engineer		sum		100,000.00

ELECTRICAL INSTALLATIONS

Carried to Summary

286,000.00

SUMMARY

DEMOLITION AND ALTERATION	708,200.00
ROOFING	2,030,700.00
DOORS AND WINDOWS	1,162,800.00
WALL FINISHES	681,500.00
FLOOR FINISHES	1,182,000.00
CEILING FINISHES	286,000.00
<u>DEMOLITION AND ALTERATION</u> <u>Carried to General Summary</u>	6,051,200.00

GENERAL SUMMARY

Bill Nr 1 Preliminaries	726,144.00
Bill Nr 2 Main Building (including external works)	6,051,200.00
SUBTOTAL	6,777,344.00
Add Contingencies	2,000,000.00
TOTAL	8,777,344.00
Add VAT 5%	438,867.20
SUM	9,216,211.20
Add Professional Fees	0.00
ESTIMATED TOTAL COST (ETC)	9,216,211.20

Address : _____

Completion Period within _____ weeks of possession of site

Signature on behalf Tenderer _____ Date _____ 20

General Summary