

RENOVATION/ RAHABILITATION OF A BLOCK OF 3 CLASSROOMS & 2 OFFICES AT UHI COMMUNITY, EDO STATE.

Cordinates: LAT.N 06° 35' 44" N, LONG. E 06 ° 00' 42"

S/N	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE	AMOUNT
	ELEMENT NO. 1 : PRELIMINARIES,DEMOLITION AND SUB-STUCTURE WORKS				
a	Allow for the mobilization and demolization of equipment and labour to site		sum		0
b	Allow for the careful removal of the existing damaged rafter , fascia, ceiling boards in preparations for the installation of new roofing sheets and keep/ dispose as will be directed.		sum		0
c	Allow for backfilling and compaction of veranda using selected backfilled materials as will be approved	1.4812	M3		0
d	Allow for demolition and expansion of door size from 900 mm to 1200 mm for the 3 number doors and dress with cement / sand screeding.	1	sum		0
	To Summary:				₦ -
S/N	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE	AMOUNT
2	ELEMENT NO. 2: Reinforced Concrete Design (RCD)				
	<u>IN SITU CONCRETE/LARGE PRECAST CONCRETE</u>				
	<u>IN SITU CONCRETE</u>				
a	Allow for the construction of concrete ramp with gradient = or < 10 degrees for ease of access - PLwD's.	0.45	m3		-
b	Allow for the installation of handrail for the ramp : Using 50 mm pure black pipe for the top rail and the stand and 38 mm for the runners with all accessories, painting and installtion cost.	3	m		-
	<u>REINFORCEMENT FOR IN SITU CONCRETE</u>				
	<u>Reinforcement: High yield steel reinforcement to BS 4449 grade 250</u>				
e	Bars 12 nominal size for treatment of cracks around the building	48	kg		-
	To Collection				-
S/N	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE	AMOUNT
3	ELEMENT NO. 3: Roofing Works				
	ROOF				
	<u>0.55 Guage coloured longspan Aluminium sheet roofing laid with 150mm end and side lap and nailed on wooden trusses with accessories and installation</u>				
a	Roof covering	348	m2		0

b	Eaves angle installed to the roofing sheets edges	48	m		0	
c	Ditto: Ridge Cappings	32	m		0	
CARPENTRY/TIMBER FRAMING /FIRST FIXING						
d	50x100mm hardwood timber -rafter support	600	m		-	
e	50x75mm hardwood timber (purlins)	580	m		-	
f	50x50mm hardwood timber (noggings)	750	m		-	
g	25x300mm hardwood timber (Fascia boards)	32	m		-	
Roofing works to Summary:					-	
S/N	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE	AMOUNT	
4	ELEMENT NO. 4: Windows and Doors WINDOWS <u>WINDOWS/ DOORS</u> <u>Aluminium; Powder coated aluminium windows with 8mm thick laminate glass with 0.37mm PVB inter-lay all to Architects specification</u> <u>Purpose -Made Casement Window</u> a size 1800 x 1800 mm b size 600 x 1700 mm Steel Burglar Proofing <u>Mild steel; 75x50mm hollow square vertical bars, spaced at 100mm centres; 38x8mm flat horizontal bars, spaced at 100mm centres as bracing; all butt welded; plugged and screwed to concretework or blockwork; complete with all necessary accessories</u> c size1800 x 1800 mm d size 600 x 1700mm e Allow for the fabrication of visibility sign post in the premises made of 75 mm CGI pipes stand and pan of size 4 x5 feet with graphics + installation works DOOR <u>PURPOSE AMERICAN SECURITY DOORS</u> <u>American steel security doors with all accessories and installations works and its frame with locks complete.</u> <u>Purpose -Made Doors (Door level at 2100 with steel mesh for ventilation at 600 mm)</u> f size 1200 x 2700 mm high overall g Size 900 x 2100 mm high overall To Summary:					
S/N	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE	AMOUNT	
5	ELEMENT NO. 5: Finishes					

CEILING WORKS				
ALL				
a	PVC ceiling installed on 600 x 600 noggings with all conices and installation works	320	m2	0
b	Ditto: PVC ceiling boards for the veranda and eaves of the exterior	81	m2	0
WALL FINISHES				
Surface Finishes				
PLASTERED/RENDERED/ROUGH CAST COATINGS				
Render: Cement and Sand (1:3): external and Internal				
c	internal and Exterior of the building	369	m ²	-
Floor Tiles				
400 x 400 x 8mm nigerian royal floor tiles of appropriate colour laid on screeded bed with cement & sand mortar (1:3). (measured separately)				
d	Main building and veranda with skirting	312	m2	0
PAINTING AND DECORATION				
INTERNAL WALL & EXTERNAL				
Painting Works				
Painting to wall shall be measured in square meters. Paint shall be supplied to site in seal containers and approved by the engineer. The rate shall include supply of all materials, workmanship, surface preparations by applying 3-5mm thickness of plaster of paris screed on the walls and protection of painted surfaces .				
Internal and External walls				
e	3-5 mm thick screeding inpreparation to receive painting	817	m2	-
f	One undercoat and two coat - Berger emulsion paint for internal walls in the building.	817	m2	-
Finishes to Summary:				-
S/N	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE
ELEMENT NO. 6: ELECTRICAL WORKS				
Electrical Works				
EQUIPMENT AND CONTROL GEARS				
Cables Installation				
a	Allow provisional sum for all electrical works reconnection of 2mm cable with PVC conduiting for the building and all connections works to include fittings and sockets points in the building as will be directed + switches and fittings for the building	1	sum	-
b	Allow for installation of earthing works and connection to main power source in the school.	1	sum	-
ELECTRICAL FITTINGS INSTALLTIONS				
c	12 Watts energy saving ceiling mounted modular lighting fitting complete with accessories. Fixed to the suspended ceiling	15	No	-
d	Veranda lightening points- 18 watts energy saving bulbs for the veranda	8	No	-
Sockets & Switches				
e	10Amps, 2-Gang, 1-Way flush switch (Schneider model)	12	No.	-
	2- way wall swtiches 16 AX, 250 V -1 way	4	No	-
f	Supply and installe giant - 56 inches ceiling fan with its accesoires and installtion works	6	No.	-

SOLAR SYSTEM					
3.5 KVA/48V SOLAR SYSTEM INSTALLATION. (1 No.)					
g	Provide and install high quality 300 watts 24V mono-crystalline solar-panel, complete with all the necessary wiring, accessories and connections. With total distance of about 16 m for connection,	8	no	-	
h	3.5KVA Felicity hybrid pure sine wave solar inverter	1	no	-	
i	220AH 24/48V Tubular battery	4	no	-	
k	Accessories & Installation of total distance of about 16 m	1	sum	-	
j	Battery- Rack Fabrication	2	no	-	
Electrical Installation to Summary:				-	
S/N	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE	AMOUNT
SUMMARY					
1	PRELIMINARIES, DEMOLITION AND SUB-STRUCTURAL WORKS				-
2	REINFORCED CONCRETE WORKS				-
3	ROOF				-
4	WINDOWS AND DOORS				-
5	FINISHING				-
6	ELECTRICAL WORKS				-
SUB-TOTAL					-
Contigencies (2.5 %)					-
GRAND TOTAL					₺ -
TOTAL IN USD					\$ -