Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	CONSTRUCTION AND FURNISHING OF 1NO. CHPS COMPOUND WITH 2NO. NURSES QUARTERS AT KPEKPO HORME				
	BILL NO.1				
	GENERAL ITEMS (PRELIMINARIES)				
	(The Contractor is free to price for additional items under Preliminaries not included in the List below)				
	A: GENERAL CONDITIONS				
	EMPLOYER'S REQUIREMENTS				
A	On-site Administration	1	Item		-
B	Site Meeting and Monitoring of the works	1	Item		-
C	Progress Photographs	1	Item		-
D	Provide adequate security at site	1	Item		-
E	Project Drawing	1	Item		-
F	Insuarances of works	1	Item		-
G	Performance Security	1	Item		-
H	Testing of materials	1	Item		-
	ACCURACY/SETTING OUT GENERALLY				
J	Setting out of the works	1	Item		-
	Facility/Temporary work/Services				
K	Name or sign board	1	Item		-
L	Telephone/Facsimile facilities	1	Item		-
	A40 Contractor's General Cost Items: Management and Staff				
M	Provide for general and trade supervision	1	Item		-
	A41 Contractor's General Cost Items: Site Accommodation				
N	Site accommodation for workers	1	Item		-
	PRELIMINARIES/GENERAL CONDITIONS CARRIED FORWARD	GH¢			-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	BROUGHT FORWARD				-
	A42 Contractor's General Cost Items: Services and facilities				
A	Power for works	1	Item		
B	Lighting	1	Item		-
C	Water for works	1	Item		-
D	Health and safety protectives	1	Item		-
E	Storage of materials	1	Item		-

F	Clearing and disposal of general waste after construction	1	Item		-
G	Protection of work in all sections	1	Item		-
H	EPA Permit	1	Item		
J	Fire Permit	1	Item		-
K	Small plants and tools	1	Item		-
	A43 Contractor's General Cost Items: Mechanical plant				
L	Personnel transport	1	Item		-
M	Concrete plant	1	Item		-
	A44 Contractor's General Cost Items: Temporary Works				
N	Support scaffolding and propping	1	Item		-
	A53 Work by Statutory Authorities				
P	Work by Statutory Authorities	1	Item		-
	BILL NO. 1				
	GENERAL ITEMS (PRELIMINARIES)				
	Carried to General Summay				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	CONSTRUCTION OF 1NO. CHPS COMPOUND AT KPEPO HORME				
	BILL No. 1				
	D10 EARTH WORKS				
	SUBSTRUCTURE				
	EXCAVATIONS AND EARTHWORK				
	SITE PREPARATION				
A	Clear site of all weed and undergrowth, grub up roots and rake to heaps and burn on site or clear away	464	m^2		-
B	Cut off trees girth 0.60m ≤ 1.50mm girth	2	No.		-
C	Cut off trees girth exceeding 1.50m girth	3	No.		-
	EXCAVATIONS				
D	Excavate oversite average 150mm deep to remove topsoil and vegetable matter and deposit in temporary spoil heaps or clear away from site	381	m^2		-
E	Excavate trenches for foundation not exceeding 1.50m deep starting at stripped level.	77	m^3		-
F	Excavate pits to receive column bases not exceeding 1.50m deep starting at strip level	17	m^3		-

G	Extra over all kinds of excavation for excavating in rock	10	m^3		-
H	Backfill and compact selected excavated material around foundation	54	m^3		-
J	Remove surplus excavated material from site	50	m^3		-
	Approved imported granular material				
K	Filling to make up levels;depositing and compacting in layers 150mm maximum thickness;average thickness exceeding 0.25m.	120	m^3		-
	E10:IN-SITU CONCRETE				
	Plain in situ concrete (1:4:6-38 aggregate)in				
L	50mm thick Blinding	0.9	m^3		-
	Plain in situ concrete (1:4:6-38 aggregate)in				
M	Foundation	6	m^3		-
N	Floor bed 150mm thick	10	m^3		-
P	Steps and Ramp	1	m^3		-
	C/F				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	B/F				-
	Reinforced in-situ vibrated concrete (1:2:4-20mm aggregate) as described filled into formwork and packed around reinforcement (both measured separately)				
A	Column bases	2	m^3		-
B	Columns	1	m^3		-
C	Ground beam	2	m^3		-
	E30:REINFORCEMENT FOR IN-SITU CONCRETRE				
	Mild steel round bar reinforcement to B S4449 in:				
	Column Base				
D	Straight or bent,12mm diameter	263	kg		-
	Column				
E	Straight or bent,12mm diameter	192	kg		-
F	Links,8mm diameter	60	kg		-
	Ground beam				
G	12mm diameter bars in column	250	Kg.		-
H	8mm diameter bars as links	70	Kg.		-
	BRC Mesh Reinforcement; BS 4483, hard drawn plain round steel, welded				
J	Steel fabric reinforcement Ref. No. A142 and fixing in bed with 200mm minimum side and end laps (measured net - no allowance made for laps)	150	m^2		-
	E20:FORMWORK FOR IN-SITU CONCRETE				
	Sawn Formwork to:				
K	Vertical side column	33	m^2		-

L	Sides of horizontal beam	114	m^2		-
M	Vertical side of step	1	m^2		-
N	Edges of floor bed 150mm thick	98	m		-
P	Edge of riser 150mm wide	70	m		-
	C/F				-
Item	**Description**	**Qty**	**Unit**	**Rate GH¢**	**Total GH¢**
	B/F				-
	F10:BRICK/BLOCK WALLING				
	Sandcrate,lightweight aggregate blocks, 450mm x 225mm,solid; compresive strength 2.5N/mm2 in cement mortar (1:4)				
A	150mm thick wall	180	m^2		-
	M20:PLASTERING/RENDERED/ROUGHCAST COATINGS				
	Mortar,cement and sand (1:4);steel trowelled				
B	12mm thick on Blockwork or concrete	75	m^2		-
	M60:PAINTING/CLEAR FINISHING				
	Prepare and apply three coats of Acrylic emulsion paint on:				
C	Render wall	75	m^2		-
	Surface Treatment				
D	Treat all surfaces of excavation and filling with anti - termite treatment	1	Item		-
V	**Allow the provisional sum of GH₵ 40,000.00 For Medical Equipement**				
	SUBSTRUCTURE CARRIED TO SUMMARY:				-
Item	**Description**	**Qty**	**Unit**	**Rate GH¢**	**Total GH¢**
	SUPERSTRUCTURE				
	IN-SITU CONCRETE/LARGE PRECAST CONCRETE				
	Reinforced in-situ vibrated concrete (1:2:4-19 aggregate)				

A	Column	1	m^3		-
B	Lintle	2	m^3		-
	Concrete Carried to Summary:				-
	E30:REINFORCEMENT FOR IN-SITU CONCRETRE **Mild steel round bar reinforcement to B S4449 in:** **Column**				
C	Straight or bent,12mm diameter	390	kg		-
D	Links,8mm diameter	70	kg		-
	Lintle				
E	Straight or bent,12mm diameter	168	kg		-
F	Links,8mm diameter	75	kg		-
	Reinforcement carried to Summary:				-
	E20:FORMWORK FOR IN-SITU CONCRETE				
	Sawn Formwork to:				
G	column	72	m^2		-
H	Lintle	114	m^2		-
	Formwork carried to Summary:				-
	MASONRY **Sandcrate,lightweight aggregate blocks, 450mm x 125mm,solid; compresive strength 2.5N/mm^2 in cement mortar (1:4)**				
J	125mm thick wall	378	m^2		-
	Block Work Carried to Summary:				-
	STRUCTURAL/CARCASSING METAL/TIMBER				
	G20: CARPENTRY/TIMBER FRAMING/FIRST FIXING				
	Hardwood; treated with preservative; sawn				
K	50 x 150mm Ridge Board	44	m		-
	C/F				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	B/F				-
A	50 x 150mm Valley Rafter	32	m		-
B	50 x 100mm Rafters	448	m		-
C	50 x 75mm Purlins	576	m		-
B	50 x 50mm Noggings	1187	m		-
E	50 x 50mm Hangers	165	m		-
	Hardwood; treated with preservative; wrought				

F	Fascia and barge boards; width not exceeding 300; 25mm x 250mm	107	m		-
	Carpentry carried to Summary:				-
	CLADDING/COVERING				
	H72: ALUMINIUM SHEET COVERING/FLASHINGS				
	Raincoat or equally approved Longspan aluminium, corrugated sheets; pre-painted; standard profile; 0.5mm gauge, two corrugations side laps, 150mm end laps; bedded with mastic sealing strips				
G	Roofing coverings; fixing to timber purlins at 1050mm general spacing with galvanised drive screws, nuts, washers, caps; drilling holes; pitch 45 degrees	466	m^2		-
H	Preformed Ridge Capping; preformed, 600mm girth; 150mm lapped joints; fixing to timber with galvanised drive screws, nuts, washers and caps	46	m		-
J	Preformed valley; preformed, 600mm girth; 150mm lapped joints; fixing to timber with galvanised drive screws, nuts, washers and caps	32	m		-
K	150mm side trim fixed to facia boards	107	m		-
L	150mm preformed Gutter ,600mm girth	96	m		-
	Cladding/Covering Carried to Summary:				-
Item	**Description**	**Qty**	**Unit**	**Rate GH¢**	**Total GH¢**
	JOINNERY/ METAL WORKS				
	WINDOWS/DOORS/STAIRS				
	L20: TIMBER DOORS/SHUTTERS/HATCHES				
	Doors in hardwood; treated with preservative; wrought				
A	44mm thick **(finished)** hardwood panel **Size 1500mm x 2050mm**	4	No.		-
B	Ditto: size **850mm x 2050mm**	11	No.		-
C	Ditto: **size 750mm x 2050mm**	6	No.		-
	Door frames in hardwood; treated with preservative; wrought				
D	50 x 150mm hardwood frame plugged to wall	424	m		-
E	Door stoper	47	m		-
F	Window stoper	36	m		-
G	Butterns	320	m		-
	WINDOW/DOOR				
	Joinnery/Metal Carried to Summary:				-
	IRONMONGERIES				

	Supply and fix the following ironmongeries complete with screws				
H	1 Pair 150mm brass butt hindges	24	No.		-
J	Mortice lock complete	15	No.		-
K	WC indicator lock complete	6	No.		-
L	Barrel Bolt to doors	66	No.		-
M	Pair Louvery Carriers 1200mm long	68	No.		-

N	Ditto 600mm Long	13	No.		-
P	16mm mild steel rods in window frames	472	kg		-
Q	50mm x 50mm welded mesh cut into variouse shapes ,sizes and fixed to window openings	80	m^2		-
R	Nylon screen mosquito net fixed on widow openings in variouse shapes and sizes	80	m^2		-
	IRONMONGERIES Carried to Summary				-
Item	**Description**	**Qty**	**Unit**	**Rate GH¢**	**Total GH¢**
	GLAZING				
A	150mm wide plain/obscre glass louvre blade with slightly round long exposed edges and into metal clip 900mm long clip	596	No.		-
	Glazing Carried to Summary				-
	Plumbing and Engineering works				
B	Allow the provisional sum of GH₵ 5,000.00 for all plumbing pipe work in connection with all pipes and associated fittings	1	sum		-
C	Allow the provisional sum of GH₵ 7000.00 for supply of 4000 liters storage tank with stand and work in connection with pipes and associated fittings	1	sum		-
	Sanitary Appliances				
	Supply and install the following appliances complete				
D	Approved low level W.C suit complete with trap comprising 9 litres ceramic flushing cistern,push in type twyford	5	No.		-
E	White glaze wash hand basin with complete tap	5	No		-
F	Industrious Buffer sink complete with tape	4	No		-
G	Chromuim plated toilet roll holder	5	No.		-
H	Approved low level urinal pot complete with traps, type twyford	2	No.		-
J	Floor drain(stainless steel type)	8	No.		-
K	Dressing Mirror	4	No.		-
	Plumbing carried to Summary:				-
	ELECTRICAL WORKS				
L	Allow a provisional sum of GH₵ 20,000.00 for work in connection with the Natinal Grid and Earthing.	1	Sum		-
	The rates inserted in the section of the bill of Quantities are to include all cost associated with the material, handling, fixing and contractor's mark-up.				
M	To supply and install electrogalvanised metalclad, Distribution board with 6-Way 1 incoming 100A TPN Adjustable MCCB, CT's Indicating light, metering panel, cable termination, with outgoing as per specification and Drawings. Include surge arrestor.	1	No.		-
N	Supply and install 100A RCD Circute Breaker	1	No.		-

	C/F				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	B/F				-
	CABLES AND ACCESSORIES				
A	1.5mm tropical cables for lighting systems (Red and Black)	400	m		-
B	2.5mm tropical cable for electrical sockets (Red,Black and Yellow)	900	m		-
C	4mm tropical cables for A.C socket (Red,Black and Yellow)	300	m		-
D	16mm tropical cables for connecting the Meter to the Distribution Board and it accessories (Red and Black)	120	m		-
E	T .V cable	100	m		-
	CONDUIT				
F	20mm diameter pvc conduit including all fixing accessories in floor screeds or chases in block work	300	m		-
G	Rectangular flush steel boxes; 150mm x 75mm x 25mm	25	No.		-
H	Rectangular flush steel boxes; 75mm x 75mm x 25mm	18	No		-
J	Circlar box	85	No.		-
K	Pattress (Junction) boxes; 200mm x 250mm	1	No.		-
	LUMINAIRES AND CEILLING FANS				
	Supply, install and connect the following luminaires with all Necessary accessories complete (lamps,attachments etc.)				
L	Energy saving Bulb complete with it necessary accessories (23W)	35	No.		-
M	Chrompton ceilling (type long blade) complete with accessories	16	No.		-
	FLUSH PLATE SWITCHES				
N	6 Amp; 1 Gang; 1 Way; single pole switch	8	No.		-
P	6 Amp; 2 Gang; 2 Way; single pole switch.	12	No.		-
Q	AC switch.	16	No.		-
	Sockets				
R	13 Amp 2 gang switched socket outlet,	25	No.		-
	FIRE DETECTION AND ALARM				
	Supply and install the following fire detection and alarm equipment.				
S	Fire Alarm Sounder - Addressable	5	No.		-
	Electrical Work carried to Summary				-
Item	**Description**	**Qty**	**Unit**	**Rate GH¢**	**Total GH¢**

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	FLOOR ,WALL AND OTHER FINISHINGS				
	Cement and sand (1:4) as described				
A	12mm rendering to wall surface	684	m^2		-
B	12mm backing to receive wall tiles	62	m^2		-
C	38mm thick screeding on floor bed to received floor tiles.	450	m^2		-
	Ceiling				
D	6mm Plywood fixed to ceiling joists	450	m^2		-
	Tiles				
E	400mm x400mm x 8mm unit to floors on cement and sand base; level to a fall only not exceeding 15 degree from horizontal;plain	254	m^2		-
					-
F	250mm x 500mm x10mm unit to walls on cement and sand based ;plain,with exceeding 300mm	62	m^2		-
	Floor,Wall an finishings carried to Summary:				-
	PAINTING AND DECORATING				
	Prepare surface wall with home charm as base for two finishing coat				
	Prepare and apply two (2) coats of Acrylic emulsion paint to				
H	wall	658	m^2		-
	Knot ,stop, prime prepare and apply two(2) undercoat and one (1) finishing coats to				
J	General hardwood surfaces	45	m^2		-
K	Soffit of ceiling	450	m^2		-
L	Surface not exceeding 300mm girth	60	m		-
	Painting and Decoration carried to Summary				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	COLLECTIONS				
	SUBSTRUCTURE				-
	CONCRETE WORK				-
	REINFORCEMENT				-
	FORMWORK				-
	BLOCK WORK				-
	CARPENTRY				-
	ROOFING				-
	JOINNERY/METAL WORK				-
	IRONMONGERIES				-
	GLAZING				-
	PLUMBING				-
	ELECTRICALS				-
	FINISHING				-
	PAINTING AND DECORATION				-
	CARRIED TO GENERAL SUMMARY:				-

	APPRONE AND DRAIN				
A	Clear site off all vegetation and debris and burnt on site	50	m²		-
B	Excavation of foundation trench for the drain	15	m³		-
C	Backfil excavated material around pit walls	21	m³		-
D	Load off surplus excavated material off site	3	m³		-
E	Plain in-situ concrete, 150mm thick,(1:3:6, agg. < 38mm)	1	m³		-
F	125mm solid block wall layed with cement sand mortar,ratio 1:4 mix	5	m²		-
H	Ditto 750mm X 1000mm Slab	2	No.		-
J	Sawn formwork to slab	4	m^2		-
K	12mm main bars in concrete beam	20	kg		-
L	12mm thick sand, cement rendering to inner wall surfaces, ratio 1:4 aggregate	10	m^2		-
M	38mm thick, cement sand screeding ,to an average gradient flow of 15 degrees.	15	m^2		-
	Approne and Drain Carried to Summary				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	SEPTIC TANK				

	SUBSTRUCTURE				
A	Clear site off all vegetation and debris and burnt on site	30	m²		-
B	Excavate pit for latrine, 3m depth and place the excavated material minimum of 3m away from the pit.	20	m³		-
C	Backfil excavated material around pit walls	10	m³		-
D	Load off surplus excavated material off site	15	m³		-
E	Plain in-situ concrete, 150mm thick,(1:3:6, agg. < 38mm)	1	m³		-
F	150mm solid block wall layed with cement sand mortar,ratio 1:4 mix	10	m²		-
G	R.C in-situ concrete Slab (1:2:4, agg. <19mm)	1	m³		-
H	Ditto, Column	1	m³		-
J	Ditto, Beam	1	m³		-
K	Ditto 600mm X 600mm slab	2	No.		-
L	Sawn formwork to slab	16	m^2		-
M	Sawn formwork to column	14	m^2		-
N	12mm main bars in concrete Slab	60	kg		-
P	16mm main bars in concrete column & beam	35	kg		-
Q	12mm thick sand, cement rendering to inner wall surfaces, ratio 1:4 aggregate	20	m^2		-
R	38mm thick sand,cement screeding at base to enable sluges settle with absorbing in the first two tanks.	12	m^2		-
S	100mm diameter pvc pipe with vent cap	2	No.		-
	Septic Tank Carried to Summary				-
Item	**Description**	**Qty**	**Unit**	**Rate GH¢**	**Total GH¢**

	EXTERNAL WORKS				
	Approne and Drain				-
	Septic Tank				-
	EXTERNAL WORKS CARRIED TO COLLECTION				-
Item	**Description**	**Qty**	**Unit**	**Rate GH¢**	**Total GH¢**

	COLLECTIONS OF BILL No. 2				
	MAIN WORKS				-
	EXTERNAL WORKS				-
	BILL No.2 CARRIED TO GENERAL SUMMARY				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	BILL No 2 **CONSTRUCTION OF 2NO. NURSES BUNGALOWS AT KPEKPO HORME**				
	SUBSTRUCTURE **EXCAVATIONS AND EARTHWORK** **SITE PREPARATION**				
A	Clear site of all weed and undergrowth, grub up roots and rake to heaps and burn on site or clear away	321	m^2		-
B	Removal of tree, girth not exceeding 1.5m	8	No.		-
	EXCAVATIONS				

C	Excavate oversite average 150mm deep to remove topsoil and vegetable matter and deposit in temporary spoil heaps or clear away from site	300	m^2		-
D	Excavate trenches for foundation not exceeding 1.50m deep starting at stripped level.	52	m^3		-
E	Excavate pits to receive column bases not exceeding 1.50m deep starting at strip level	18	m^3		-
F	Backfill and compact selected excavated material around foundation	31	m^3		-
G	Remove surplus excavated material from site	39	m^3		-
	Approved imported granular material				
H	Filling to make up levels;depositing and compacting in layers 150mm maximum thickness;average thickness exceeding 0.25m.	150	m^3		-
	E10:IN-SITU CONCRETE				
	Plain in situ concrete (1:4:6-38 aggregate)in				
J	50mm thick Blinding	1	m^3		-
	Plain in situ concrete (1:4:6-38 aggregate)in				
K	Foundation	14	m^3		-
L	Floor bed 150mm thick	14	m^3		-
	Reinforced vibrated in-situ concrete(1:3:6:19mm aggregate)in:				
M	Column bases	2	m^3		-
N	Columns	1	m^3		-
	C/F				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	B/F				-
	E30:REINFORCEMENT FOR IN-SITU CONCRETRE				
	Mild steel round bar reinforcement to B S4449 in:				
	Column Base				
A	Straight or bent,12mm diameter	180	kg		-
	Column				
B	Straight or bent,12mm diameter	200	kg		-
C	Links,8mm diameter	56	kg		-
	E20:FORMWORK FOR IN-SITU CONCRETE				
	Sawn Formwork to:				
D	Vertical side column	35	m^2		-
E	Edges of floor bed 150mm thick	72	m		-
	F10:BRICK/BLOCK WALLING				

	Sandcrate,lightweight aggregate blocks, 450mm x 225mm,solid; compresive strength 2.5N/mm2 in cement mortar (1:4)				
F	150mm thick wall	293	m^2		-
	M20:PLASTERING/RENDERED/ROUGHCAST COATINGS				
	Mortar,cement and sand (1:4);steel trowelled				
G	12mm thick on Blockwork or concrete	58	m^2		-
	M60:PAINTING/CLEAR FINISHING				
	Prepare and apply three coats of Acrylic emulsion paint on:				
H	Render wall	58	m^2		-
	Surface Treatment				
J	Treat all surfaces of excavation and filling with anti - termite treatment before laying concrete (Dieldrex anti-termite treatment to foundations)	1	Item		-
	J20: WATER PROOFING				
	J31: Transparent polythene sheet				
K	Transparent polythene sheet; to soffit of concrete slab	288	m²		-
L	Allow a provisional sum of **Two Thousand Ghana Cedis (GH₵ 2,000.00)** for any additional works that may arise from earth works.	1	Item		-
	SUBSTRUCTURE CARRIED TO SUMMARY:				-

Item	Description	Qty	Unit	Rate GH₵	Total GH₵
	SUPERSTRUCTURE				
	IN-SITU CONCRETE/LARGE PRECAST CONCRETE				
	Reinforced in-situ vibrated concrete (1:2:4-19 aggregate)				
A	Column	2	m^3		-
B	Lintle	7	m^3		-
	Concrete Carried to Summary:				-
	E30:REINFORCEMENT FOR IN-SITU CONCRETRE				
	Mild steel round bar reinforcement to B S4449 in:				
	Column				
C	Straight or bent,12mm diameter	355	kg		-
D	Links,8mm diameter	80	kg		-
	Lintle				
E	Straight or bent,12mm diameter	710	kg		-
F	Links,8mm diameter	120	kg		-
	Reinforcement carried to Summary:				-

	E20:FORMWORK FOR IN-SITU CONCRETE				
	Sawn Formwork to:				
G	column	50	m^2		-
H	Lintle	130	m^2		-
	Formwork carried to Summary:				-
	MASONRY				
	Sandcrate,lightweight aggregate blocks, 450mm x 125mm,solid; compresive strength 2.5N/mm2 in cement mortar (1:4)				
J	125mm thick wall	385	m^2		-
	Block Work Carried to Summary:				-
	STRUCTURAL/CARCASSING METAL/TIMBER				
	G20: CARPENTRY/TIMBER FRAMING/FIRST FIXING				
	Hardwood; treated with preservative; sawn				
K	50 x 150mm Ridge Board	26	m		-
	C/F				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	B/F				-
A	50 x 100mm Rafters	396	m		-
B	50 x 75mm Purlins	610	m		-
C	50 x 50mm Noggings	1023	m		-
D	50 x 50mm Hangers	300	m		-
	Hardwood; treated with preservative; wrought				
E	Facia and barge boards; width not exceeding 300; 25mm x 250mm	88	m		-
	Carpentry carried to Summary:				-
	CLADDING/COVERING				
	H72: ALUMINIUM SHEET COVERING/FLASHINGS				
	Raincoat or equally approved Longspan aluminium, corrugated sheets; pre-painted; standard profile; 0.5mm gauge, two corrugations side laps, 150mm end laps; bedded with mastic sealing strips				
F	Roofing coverings; fixing to timber purlins at 1050mm general spacing with galvanised drive screws, nuts, washers, caps; drilling holes; pitch 45 degrees	345	m^2		-
G	Preformed Ridge Capping; preformed, 600mm girth; 150mm lapped joints; fixing to timber with galvanised drive screws, nuts, washers and caps	26	m		-
H	Preformed 150mm side trim fixed to facia boards with galvanised drive screws, nuts, washers and caps	74	m		-

J	150mm preformed Gutter ,600mm girth	42	m		-
	Cladding/Covering Carried to Summary:				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	JOINNERY/ METAL WORKS				
	WINDOWS/DOORS/STAIRS				
	L20: TIMBER DOORS/SHUTTERS/HATCHES				
	Doors in hardwood; treated with preservative; wrought				
A	44mm thick **(finished)** hardwood panel; **Size 9000mm x 2050mm**	5	No.		-
B	Ditto: size **800mm x 2050mm**	3	No.		-
	Door frames in hardwood; treated with preservative; wrought				
C	50 x 150mm hardwood frame plugged to wall	140	m		-
D	Door stoper	72	m		-
E	Window stoper	77	m		-
F	Butterns	500	m		-
G	Prefabricated metal gate 1800mm x 2100mm as main entrance gate to the courtyard with it associted fittings and locking mechanism	1	No.		-
	WINDOW/DOOR				
	Joinnery/Metal Carried to Summary:				-
	IRONMONGERIES				
	Supply and fix the following ironmongeries complete with screws				
H	1 Pair 150mm brass butt hindges	12	No.		-
J	Mortice lock complete	8	No.		-
K	Barrel Bolt to doors	6	No.		-
L	Pair Louvery Carriers 1200mm long	16	No.		-
M	Ditto 600mm Long	4	No.		-
N	16mm mild steel rods in window frames	182	kg		-

P	50mm x 50mm welded mesh cut into variouse shapes ,sizes and fixed to window openings	20	m^2		-
Q	Nylon screen mosquito net fixed on widow openings in variouse shapes and sizes	20	m^2		-
	IRONMONGERIES Carried to Summary				-
Item	**Description**	**Qty**	**Unit**	**Rate GH¢**	**Total GH¢**
	GLAZING				
A	150mm wide plain/obscre glass louvre blade with slightly round long exposed edges and into metal clip 900mm long clip	100	No.		-
	Glazing Carried to Summary				-
	Plumbing and Engineering works				
B	Allow the **Provisional Sum** of **GH₵ 4,000.00** for work in connection with pipes and associated fittings	1	sum		-
C	Allow the provisional sum of GH₵ 8,000.00 for supply of 4000 liters storage tank with stand and work in connection with pipes and associated fittings	1	sum		-
	Sanitary Appliances **Provide and fixed the following appliances complete**				
D	Approved low level W.C suit complete with trap comprising 9 litres ceramic flushing cistern,push in type twyford	3	No.		-
E	White glaze wash hand basin with complete tap	3	No		-
F	Chromuim plated toilet roll holder	3	No.		-
G	Kitchen sink	3	No.		-
H	Floor drain(stainless steel type)	3	No.		-
J	Dressing Mirror	2	No.		-
	Plumbing carried to Summary:				-
	ELECTRICAL WORKS				
K	Include a **Provisional Sum** of **GH₵ 9,000.00** for work in connection with the National Grid and Earthing.	1	Sum		-
	The rates inserted in the section of the bill of Quantities are to include all cost associated with the material, handling, fixing and contractor's mark-up.				
L	To supply and install electrogalvanised metalclad, Distribution board with 6-Way 1 incoming 100A TPN Adjustable MCCB, CT's Indicating light, metering panel, cable termination, with outgoing as per specification and Drawings. Include surge arrestor.	3	No.		-
M	Supply and install 100A RCD Circute Breaker	3	No.		-
	C/F				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	B/F				-
	CABLES AND ACCESSORIES				
A	1.5mm tropical cables for lighting systems (Red and Black)	720	m		-
B	2.5mm tropical cable for electrical sockets (Red,Black and Yellow)	1080	m		-
C	4mm tropical cables for A.C socket (Red,Black and Yellow)	480	m		-
D	16mm tropical cables for connecting the Meter to the Distribution Board and it accessories (Red and Black)	120	m		-
E	T .V cable	80	m		-
	CONDUIT				
F	20mm Diameter pvc conduit including all fixing accessories in floor screeds or chases in block work	750	m		-
G	Rectangular flush steel boxes; 150mm x 75mm x 25mm	18	No.		-
H	Rectangular flush steel boxes; 75mm x 75mm x 25mm	14	No		-
J	Circlar box	60	No.		-
K	Pattress (Junction) boxes; 200mm x 250mm	3	No.		-
	LUMINAIRES AND CEILLING FANS				
	Supply, install and connect the following luminaires with all Necessary accessories complete (lamps,attachments etc.)				
L	Energy saving Bulb complete with it necessary accessories (23W)	36	No.		-
M	Chrompton ceilling (type long blade) complete with accessories	7	No.		-
	FLUSH PLATE SWITCHES				
N	6 Amp; 1 Gang; 2 Way; single pole switch	10	No.		-
P	6 Amp; 2 Gang; 2 Way; single pole switch.	8	No.		-
Q	6 Amp; 3Gang; 2 Way; single pole switch	6	No.		-
	Sockets				
R	13 Amp 2 gang switched socket outlet,	24	No.		-
S	16 Amp 2 gang cook socket outlet,	3	No.		-
	FIRE DETECTION AND ALARM				
	Supply and install the following fire detection and alarm equipment.				
T	Fire Alarm Sounder - Addressable	3	No.		-
	Electrical Work carried to Summary				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	FLOOR ,WALL AND OTHER FINISHINGS				
	Cement and sand (1:4) as described				
D	12mm rendering to wall surface	756	m^2		-
E	12mm backing to receive wall tiles	62	m^2		-

F	38mm thick screeding on floor bed to received floor tiles.	282	m^2		-
	Ceiling				
G	6mm Plywood fixed to ceiling joists	315	m^2		-
	Tiles				
H	400mm x400mm x 8mm unit to floors on cement and sand base; level to a fall only not exceeding 15 degree from horizontal;plain	282	m^2		-
J	250mm x 500mm x10mm unit to walls on cement and sand based ;plain,with exceeding 300mm	90	m^2		-
	Floor,Wall an finishings carried to Summary:				-
	PAINTING AND DECORATING				
	Prepare and apply three (3) coats of emulsion paint to				
A	wall	756	m^2		-
	Knot ,stop, prime prepare and apply two(2) undercoat and one (1) finishing coats to				
B	General hardwood surfaces	53	m^2		-
C	Soffit of ceiling	315	m^2		-
D	Surface not exceeding 300mm girth	88	m		-
	Painting and Decoration carried to Summary				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	COLLECTION				
	SUBSTRUCTURE				-
	CONCRETE WORK				-
	REINFORCEMENT				-
	FORMWORK				-
	BLOCK WORK				-
	CARPENTRY				-

	ROOFING				-
	JOINNERY/METAL WORK				-
	IRONMONGERIES				-
	GLAZING				-
	PLUMBING				-
	ELECTRICALS				-
	FINISHING				-
	PAINTING AND DECORATION				-
	CARRIED TO GENERAL SUMMARY:				-

Item	Description	Qty	Unit	Rate GH₵	Total GH₵
	SUBSTRUCTURE				
A	Clear site off all vegetation and debris and burnt on site	40	m²		-
B	Excavation of foundation trench for the drain	40	m³		-
C	Backfil excavated material around pit walls	20	m³		-
D	Load off surplus excavated material off site	40	m³		-
E	Plain in-situ concrete, 150mm thick,(1:3:6, agg. < 38mm)	2	m³		-
F	125mm solid block wall layed with cement sand mortar,ratio 1:4 mix	20	m²		-
H	Ditto 750mm X 1000mm Slab on walkway	1	No.		-
J	Sawn formwork to slab on walkway	4	m^2		-
K	12mm diameter mild steel bars in concrete slab	40	kg		-

L	12mm thick sand, cement rendering to inner wall surfaces, ratio 1:4 aggregate	40	m^2		-
M	38mm thick, cement sand screeding ,to an average gradient flow of 15 degrees.	40	m^2		-
	Approne and Drain Carried to Summary				**-**

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	(SEPTIC)				
A	Clear site off all vegetation and debris and burnt on site	30	m^2		-
B	Excavate pit for latrine, 3m depth and place the excavated material minimum of 3m away from the pit.	20	m^3		-
C	Backfil excavated material around pit walls	10	m^3		-
D	Load off surplus excavated material off site	12	m^3		-
E	Plain in-situ concrete, 150mm thick,(1:3:6, agg. < 38mm)	1	m^3		-
F	150mm solid block wall layed with cement sand mortar,ratio 1:4 mix	15	m^2		-
G	R.C in-situ concrete Slab (1:2:4, agg. <19mm)	2	m^3		-
H	Ditto, Column	1	m^3		-
J	Ditto, Beam	1	m^3		-
K	Ditto 600mm X 600mm slab	3	No.		-
L	Sawn formwork to slab	16	m^2		-
M	Sawn formwork to column	14	m^2		-
N	12mm diameter mild steel bars in concrete Slab	70	kg		-

P	16mm main bars in concrete column & beam	35	kg		-
Q	12mm thick sand, cement rendering to inner wall surfaces, ratio 1:4 aggregate	30	m^2		-
R	38mm thick sand,cement screeding (1: at base to enable sluges settlement with absorbing in the first two tanks.	12	m^2		-
S	100mm diameter pvc pipe with vent cap	2	No.		-
	Septic Tank Carried to Summary				**-**

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	BILL NO. 3				
	EXTERANAL WORKS				
	APPRONE AND DRAIN				-
	SEPTIC TANK				-
	BILL NO. 3				
	EXTERNAL WORKS				**-**

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	COLLECTIONS OF PAGES				
	MAIN WORKS				-
	EXTERNAL WORKS				-
	MAIN WORKS CARRIED TO GENERAL SUMMARY				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	GENERAL SUMMARY				
	BILL No. 1 (PRELIMINARIES)				
	BILL No. 2 MAIN WORKS (BUNGALOW)				-
	SUB TOTAL				-
	GRAND TOTAL TO FORM OF TENDER				-

Item	Description	Qty	Unit	Rate GH¢	Total GH¢
	GENERAL SUMMARY				
	BILL No. 1 (PRELIMINARIES)				-
	BILL No.2 (CHPS COMPOUND)				-
	BILL No.3 NURSES BUNGALOW)				
	SUB TOTAL				-
	GRAND TOTAL TO FORM OF TENDER				-