

Ministry of Local Government & Ministry of Finance and Development Planing



Republic of Liberia



Bill or Quantities & Technical Specifications for the Construction of County Service Centers Within 15 Counties across Liberia

Client:	Ministry of Local Government/MFDP/GOL	Building Name: Proposed BILL of Quality for Mutiple-purposed one -story building			
Location:	Lofa, Bong, Nimba, Bomi, Grand Gedeh, Grand Kru, River Cess, Maryland, Cape Mount & Others	County:	15 Counties in Liberia		
Cost Estimate					
No.	Description of Activities	Unit	Qty.	Unit Rate	Amount (USD)
1.0	PRELIMINARY WORKS				
1.1	Mobilization and Site Clearance	LS	1.00		\$ -
1.2	Profile Layout	LS	1.00		\$ -
	Sub-total				\$ -
2.0	SUB-STRUCTURE WORK				
2.1	Foundation Work				
2.10	Excavation of Foundation trenches & footings as shown in the drawing & technical spec.	cy	1030.00		\$ -
2.11	Compacted backfilling of Foundation with sutisuitable laterite materials as shown in the drawing & technical spec	cy	2265.00		\$ -
2.12	Concrete for 2" thick Blinding for foundation (C20)	cy	460.00		\$ -
2.12	Concrete for foundation footing, foundation columns and ground/tie beams (C30)	cy	375.00		\$ -
2.13	Concrete for Ground Floor Slab 4" (C30)	cy	420.00		\$ -
2.14	Rebar for foundation work (footing and foundation columns and beams) 16mm	kg	19400.00		\$ -
2.15	Form work for foundaton work (column, beams and ground floor slab)	yd ²	740.00		\$ -
2.16	Sancreteblocks (Provide & install 8" hallow grey stone masonry units with 1" spacing installed complete with mortar (1:3)	pcs	15002.00		\$ -
2.17	Rough Plumbing	LS	1.00		\$ -
	Sub-total for SUB-STRUCTURE WORK				\$ -
3.0	SUPERSTRUCTURE WORK GROUND AND FIRST LEVEL				
3.1.1	MASONRY WORK				
3.1.2	Sancreteblocks (Provide & install 6" hallow grey stone masonry units with 1" spacing installed complete with mortar (1:3)	pcs	20600.00		\$ -
	supply mortar grey stone masonry block lying (1:3)	cy	260.00		\$ -
	Sub-total				\$ -
3.20	CONCRETE WORK (C30)				
3.2.1	Concrete for Columns	cy	560.00		\$ -
3.2.2	Concrete for Beams	cy	350.00		\$ -
3.2.3	Concrete first floor slab	cy	780.00		\$ -
3.2.5	Concrete for stair	cy	60.00		\$ -
	Sub-total				-
3.30	REINFORCEMENT (REBAR) WORK (High yield tensile steel bar reinforcement to BS 4449 as described) 16mm				
3.3.1	Reinforcement for Columns 16mm dimeter steel	Kg	7560.00		\$ -
3.3.2	Reinforcement for Beams 16mm diameter steel	Kg	6240.00		\$ -
3.3.3	Reinforcement for Slab 14mm diameter steel	Kg	7793.00		\$ -
3.3.5	Reinforcement for Staircase 16mm	Kg	5600.00		\$ -
	Sub-total				\$ -
3.40	FORM WORK				
3.4.1	Form for Columns (12mm Shuttering plywood & timbers)	yd ²	459.00		\$ -
3.4.2	From for Beams (12mm Shuttering plywood & timbers)	yd ²	610.00		\$ -
3.4.3	Form for Slab (12mm Shuttering plywood & timbers)	yd ²	1300.00		\$ -

3.4.5	Form for Staircase (12mm Shuttering plywood & timbers)	yd ²	720.00		\$ -
	Sub-total				\$ -
3.5.0	CEILING WORK (CEILING INSTALLATION WORKS)				
3.5.1	Ceiling for interior of the Building (Suspended PVC Ceiling Tiles & Grid System 2'x2')	yd ²	2400.00		\$ -
3.5.2	Ceiling for exterior/overhangs (Plywood ceiling with 2"x2" @2' c/c)	yd ²	569.00		\$ -
	Sub-total				\$ -
3.6.0	PLASTERING WORK				
3.6.1	Masonry work for interior and exterior plastering (1" mortar properly mix with specified sand to acceptable standards. Use ordinary Portland Cement)	yd ²	11133		\$ -
	Sub-total				\$ -
3.7.0	TILING WORK				
3.7.1	24" x 24" one body non slip ceramic tiles floor tile for Building	cut	1800.00		\$ -
3.7.2	10" x 24" ceramic tiles on bathroom walls at 7ft height	cut	650.00		\$ -
	Sub-total				\$ -
3.80	PAINTING WORK				
3.8.2	Provide enamel paint to wall, doors, frames & fascia board incl. thinner for mixing	ft ²	100200.00		\$ -
3.8.4	Others (Scaffolding, Brush, Rollers, etc)	LS	1.00		\$ -
	Sub-total				\$ -
3.90	ELECTRICAL WORK (Allow for the complete electrical services including site reticulation, cabling, wiring, ducting and accessories, conduits, trenches, cable pits, power outlets, light fittings, switches, earthing system and switchboards all in accordance with the specifications and as shown on the drawings including):				
3.9.1	Electrical Fixtures. Including: pipes, cups, panel boxes, scokets, etcs	LS	1.00		\$ -
3.9.2	Electrical Finishing; lightening, receptacles, switches, etc.	LS	1.00		\$ -
	Sub-total				\$ -
3.9.1	PLUMBING, WATERLINE and WATER SUPPLY WORK				
3.9.1.1	Plumbing fixtures, including: excavation of biodigester, provision and installation of system, utility lines, interior plumbing line system, etc.	LS	1.00		\$ -
3.9.1.2	Plumbing finishing, including: bath and washrooms accessories and other plumbing work.	LS	1.00		\$ -
	Sub-total				\$ -
3.9.2	FINISHING WORK				
3.9.2.1	Windows				
3.9.2.2	Provide & install 6'-0" x 5'-6" double Aluminum framed Awning window with 12mm security steel bars fitted in @ 12" c/c:	PCS	11.00		-
3.9.2.3	Provide & install 3'-6" x 4'-6" Sliding Aluminum framed window with 12mm security steel bars fitted in @ 12" c/c:	PCS	110.00		-
3.9.2.4	Provide & install 2'-6" x 2'-0" Aluminum framed Awning window with 12mm security steel bars fitted in @ 12" c/c:	PCS	40.00		-
3.9.2.5	Provide & install 92.5" x 2.5" Aluminum framed Awning window with 12mm security steel bars fitted in @ 12" c/c:	PCS	20.00		-
3.9.3	Doors				-
3.9.3.1	Provide & install double p double-pannel hardwood Door (5'-0" x 7'-0") with 60" X 84" metal Brass necessary bucks & hardware complete (Cylinder Lock, hinges, etc.)	pcs	3.00		-
3.9.3.3	Provide and install tripple Shutter hollow Door - 6'-0" x 7'-0" Hardwood in wooden frame with necessary bucks & hardware complete (cylinder lock, hinges, etc).	pcs	4.00		-

3.9.3.4	Provide and install a double steel door (3" x 7'-0") frame with necessary bucks & hardware complete (Cylinder Lock, hinges, etc.)	pcs	112.00		-
3.9.3.5	Provide and install a double steel door (2'-6" x 7'-0") frame with necessary bucks & hardware complete (Cylinder Lock, hinges, etc.)	pcs	64.00		-
3.9.3.6	Provide and install steel window bars/ Buglary Bar for all windows to include, steel and welding materials and installation	L/S	1.00		-
	Sub-total				-
3.50	ROOF WORK (ROOF SUPPORT STRUCTURE & COVERING)				
3.5.1	Provide 1"X12' for facal board	pcs	492.00		-
3.5.2	Provide 6"X12' for Roof Truss , King post and and barcing	pcs	360		\$ -
	Provide 2' X 4" X 14" for rafter and barcing	pcs	750		\$ -
3.52	Provide 2" X 2" X 14' for Purlins (galvanized) - total length	pcs	1,750		\$ -
3.53	Provide for Fixings & accessories (cumming, roofing fel, screws, washers, sealant)	L/s	1		\$ -
3.54	Roof sheeting (Install Decra roofing sheets over the entire roof area)	pcs	4560.00		\$ -
	Sub-total				\$ -
	Land scaping	L/S	1.00		\$ -
	Septic Tank & Exterial Plumbing Works	L/s	1.00		\$ -
	Bolewhole, Reservior, Exterior Water Supply System	L/s	1.00		\$ -
	Sub-total				\$ -
	General Material cost				-
	Transportation Cost @ 15%		0.15		-
	Labor Cost @ 25%		0.25		-
	Contegency, Overhead @5%		0.50		-
	General total for SUB /SUPER-STRUCTURES WORK				-