

PROPOSED BOQ FOR CONSTRUCTION OF WGFS IN AWUL PAYAM AT PAGAKDIT TONJ NORTH COUNTY.

Dimensions: 12m x 6m.

S/No	Item Description	Unit	Qty	Rate in \$	Amount
1	<u>General Item</u>				
1.1	Allow for mobilization of materials and workers to the site	Item	1		
	Subtotal general of General Item				
2	Site Clearance and Excavation works				
2.1	Clear site of grass, bushes all shrubs and dispose off Materials from site as will be directed by the TOCH supervisor.	M ²	112		
2.2	100x100mm timbers for columns of 3000mm long commencing at reduced level but not exceeding 400mm deep. Rates to include casting insitu concrete for the footings.	M ³	0.24		
2.3	400mm wide for internal store, office walls and for the entire hall. The excavated soil should be Discarded away.	M ³	9.93		
2.4	Backfilling				
2.5	Allow for at least 150mm thick selected material preferably murrum or broken bunt bricks as back filling material to foundation trenches for Store and office foundation, around plinth wall and on floor ready to receive concrete.	M ³	15		
	Sub total for Site Clearance and Excavation works				
3	Concrete Works				
3.1	Allow 100mm thick mass concrete C-20 prepared, Placed and compacted in strip foundations of store and office, footings of timber columns and floor beds. Ratio	M ³	6.4		
	Termite Treatment				
3.2	Supply and apply ant termite treatment	M ²	112		
3.3	Polythene				
	Supply and use polythene to prevent Moisture transfer from sub-structure to superstructure	M ²	10		
	Subtotal for Concrete Works				
4	Masonry Wall				
4.1	190mm x 90mm x 90mm work load bearing 7N/mm ² to BS 6098 embedded and jointed in cement sand mortar of 1:4 to build 1 layer brick of 200mm thick wall of	M ²	55.46		
	Splash Apron				
4.2	Allow for supply of 190mm x 90mm x 90mm red burnt clay bricks for building apron of 400mm high around the entire WGFS	M ²	12		
	Subtotal for Masonry Works				
5	Steel Reinforcements				
	Rate to include for supplying, cleaning, cutting, bending, fabricating, placing and the provision of all necessary temporary fixings and supports etc. including binding wires, bends, hooks, tying wires,				
	Tor steel reinforcement (to BS 4449 and characteristic strength $f_y = 460\text{N/mm}^2$) and Mild steel reinforcement (to BS 4449 and				

5.1	Y12 High yield reinforcement bars for reinforcing beams for office and store	Kgs	24		
	Timber Columns				
5.2	Provide square timber columns of 3000mm	M	27		
	Welded Security Mesh				
5.3	Provide security mesh of 2.4M X 1.2 M to be fixed at 0.5m above short wall	M	7		
5.4	Timber 3x2 as vertical poles for fixing wire mesh and iron sheets to the wall placed at spacing of 1.2m.	M	16		
5.5	Timber 4x3 as wall plates for welding wire mesh to the vertical frames around the top of short iron sheet wall in the entire meeting hall.	M	36		
	Subtotal Reinforcement Works				
6	ROOFING/Timber Works				
	Rate shall include; all rivets, nails, clips, strips, delivering and fixing in position.	M	52		
6.1	a) 100x 75mm wall plates				
6.2	b) 100x50mm in tie beams	M	45		
6.3	c) 100x50mm in rafters, struts and ties	M	60		
6.4	d) 75x50mm in purlins	M	90		
6.5	e) 200x25mm dressed fascia boards	M	36		
	Subtotal ROOFING/Timber Works				
7	Roof Covering				
7.1	Supplying & fixing of gauge 30 pre-painted roofing sheet of approved color	M ²	124		
	Ridge Caps				
7.2	Providing and fixing similar 30 gauge roofing caps with provision of edges	M	18		
	Wall covering				
7.3	Supplying & fixing of gauge 30 galvanized roofing sheets of approved color: fixed Separately) and rubber capping to nail tops.	M ²	17.2		
	Subtotal Roof Covering				
8	DOORS and window Openings				
8.1	Provide steel metallic door of 2100mm x 900mm with single leaf complete with all locks and iron monger final finish, & fixing with concrete	Nos	1		
8.2	Provide steel metallic door of 240mm x 1200mm with double leaf complete with all locks and iron monger final finish, & fixing with concrete	Nos	1		
8.3	Provide steel metallic door of 240mm x 1200mm with single leaf complete with all locks and iron monger final finish, & fixing with concrete	Nos	1		
	Window Openings				
8.4	Provide steel metallic windows of 1000mm x 1200mm with double leaf complete with all locks and iron monger.	Nos	2		
	Subtotal for DOORS and Openings				
9	General Finishes				
	Plastering				
9.1	Plaster internal and external walls in cement sand mortar 1:4. Minimum 12mm thick including soffits and jambs of doors and vents	M ²	69.52		
	Floor				
9.2	Screed all floors and ramps surfaces minimum 25mm	M ²	50.6		
	Splash Apron Finish				
9.3	Screed splash apron with anti-crack grooves and finish off with cement grout trowel smooth	M ²	12		
	Subtotal General Finishes				
10	General Painting and Decoration				

	External Wall				
10.1	Paint all external rendered walls in 1 coat of Primer and 2 coats of weather guard paint, TOCH color internal walls	M ²	66.8		
	Paint all internal plastered walls in 1 coat of primer and 2 coats of silk vinyl interior paint-soft white				
10.2	sadolin paint	M ²	65		
	Doors and Vents				
10.3	Paint all the exposed metallic surfaces of doors and vents in 3 coats of gloss blue light paint	M ²	12.3		
	Subtotal for General Painting and Decoration				
	Grand Total for 1 WGFS				

