

COST FOR CONSTRUCTION OF ONE STOREY RESIDENTIAL BUILDING
LOCATED IN IN PLOT:609, KIVUMU CELL, GISENYI SECTOR, RUBAVU DISTRICT
DEVELOPER: Mr.SEBACURUZI GERARD

N/S	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (Frw)
	PLERIMINARY WORKS				
I	SETTING UP THE CONSTRUCTION SITE				
1	Demolition and removal of existing building structure	ls	1.00	2,000,000	2,000,000
2	Cleaning and Ground Levelling	ls	1	500,000	500,000
3	Site mobilization and supplies	ls	1	1,500,000	1,500,000
4	Excavate foundation trenches (1.6m*0.8m) and footing (2.2m*2.2m)	Sqm	400	400	160,000
	S/T				4,160,000
II	CONCRETE WORKS				
1	R.C Footing	Cum	9.8	300,000	2,940,000
2	Sub-column	Cum	7.5	300,000	2,250,000
3	R.C. Colomuns mix 1:1:2/20mm aggregate	Cum	36.72	300,000	11,016,000
4	Oversite concrete	Cum	25	80,000	2,000,000
5	R.C beams mix 1:1:2/20mm aggregate	Cum	12.5	300,000	3,750,000
6	RC slab mix 1:1:2/20mm aggregate	Cum	44.775	300,000	13,432,500
7	R.C Stair	Cum	7.5	300,000	2,250,000
	S/T				37,638,500
III	FOUNDATION WALL				
1	Stone masonry foundation bond with cement mortar mixed at 250kg/m ³	cum	165.75	25,000	4,143,750
2	Backfill around walls and oversite leveling, dewatering and compaction.	cum	147.4	2,000	294,800
3	Antitermites chemical product	item	1	150,000	150,000
4	DPC	Sqm	42.42	25,000	1,060,500
	S/T				5,649,050
IV	SUPERSTRUCTURE WALLS				
1	Lay DPM of approved bituminous felt double layer and within an overlap of 300mm ready under brick wall	item	5	30,000	150,000
2	Burnt clay brick walls	Cum	185	60,000	11,100,000
	S/T				11,250,000
V	OPENINGS				
1	External metallic doors and windows, glazed with impost .	Sqm	314.9	15,000	4,723,500
2	Internal doors 0.9x2.4m in plywood, with all neccesary hardware.	item	24	150,000	3,600,000
	S/T				8,323,500

VI	FIRST & SECOND WALL PLASTER COATS				
1	Plaster: Apply cement mortar mix 1:4 smoothly using steel float on slab	Sqm	2300	4,000	9,200,000
2	Shaped stonewall made of cement-sand mortar	Sqm	275	30,000	8,250,000
	S/T				17,450,000
VII	ELECTRICAL DISTRIBUTION				
1	Metallic distribution box fixed on wall 800x400x350 (TGBT) fermable, completely equipped and cabled with all protections.	item	1	500,000	500,000
2	Neutral earthing of TGBT	lm	50	6,000	300,000
3	Installation cable 2x2,5 mm ²	item	1	280,000	280,000
4	Installation cable 2x4 mm ²	item	1	400,000	400,000
5	Liason cable to derivation boxes	item	1	50,000	50,000
6	Derivation box and connection accessories	item	1	60,000	60,000
7	Other accessories	item	1	500,000	500,000
	S/T				2,090,000
VIII	LIGHTING				
1	Internal Lamps	item	50	12,000	600,000
2	Lamp fluo 2x15W; 220V external in lampshades	item	12	20,000	240,000
3	Socket 10A/220V	item	294	2,500	735,000
4	Switches single direction	item	45	2,500	112,500
5	Switches double direction	item	48	3,000	144,000
	S/T				1,831,500
IX	FIRE FIGHTING INSTALLATION				
1	Cartrige operated 5KG dry powder to BS 5423 complete with all necessary accessories	item	2	100,000	200,000
2	Fire alarms and smoke detectors	item	4	75,000	300,000
3	Hose reel	item	1	450,000	450,000
4	Fire hydrant	ls	1	600,000	600,000
	S/T				1,550,000
X	PLUMBING INSTALLATION				
1	Supply and lay of PP-R pipes for water supply	item	1	750,000	750,000
2	Suply and lay of evacuation pipes for waste water in PVC 50 and 110 mm.	item	1	180,000	180,000
3	WC British type in porcelaine with all accessories	item	5	80,000	400,000
XI	SANITARIES				

1	Hand Wash bassins	item	7	60,000	420,000
2	Ground Siphon in PVC diam. 110 mm	item	5	10,000	50,000
3	Chromed Toilet paper holder	item	5	10,000	50,000
4	Metallic soap holder	item	5	10,000	50,000
5	Mirror of 60x80 thickness 3 mm of good quality including fixation of pieces	item	5	50,000	250,000
6	Septic tank including all necessary accessories	item	1	1,500,000	1,500,000
7	Saok pit, depth. 25m	item	2	300,000	600,000
8	Manholes 45/45cm	item	18	40,000	720,000
9	Showers	item	5	60,000	300,000
	S/T				5,270,000
XII	FLOOR & WALL FINISHING				
1	300x600x10mm wall and floor colored ceramic tiles of good quality	sqm	400	16,000	6,400,000
2	Floor finshing with screed coloured cement	sqm	400	7,000	2,800,000
	S/T				9,200,000
XIII	ROOFING				
1	Roof trusses made of metal tubes including all accessories relating to welding process	sqm	600	9,500	5,700,000
2	Roof covering made of high profile sheets G28	sqm	400	7,500	3,000,000
3	Metal gutter with down pipes	lm	75	5,000	375,000
	S/T				9,075,000
XIV	CEILING				
1	Ceiling with gypsum boards	sqm	200	20,000	4,000,000
2	Pvc Languettes	sqm	150	9,000	1,350,000
	S/T				5,350,000
XV	PAINTING				
1	Silk paint on slab	Sqm	840	2,300	1,932,000
2	Silk paint on internal walls.	sqm	1850	2,500	4,625,000
3	Special oil paint on Doors and windows and other metals & gouter	sqm	150	5,000	750,000
4	Wall master on external walls	sqm	1260	6,000	7,560,000
	S/T				14,867,000
XVI	SPACIAL PROVISIONS				
1	Rainwater collection system of tanks and pipes	ls	1	1,500,000	3,500,000
2	Gardening and external works	ls	1	750,000	750,000
	S/T				4,250,000
	TOTAL				137,954,550
	VARIATIONS				
1	Variation cost	%	5		6,897,728
2	Contingency	%	3		4,138,637
	S/T				11,036,364
	TOTAL AMOUNT FOR THE PROJECT				148,990,914

Say: One Hundred Fourty Eight Millions,Nine Hundred Ninety Thousand,
Nine Hundred Forteen Rwandan Francs (148,990,914 Rwf)



Done at Kigali, May, 2017

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