

ANNEXURE - V

Name of Project : Lumbajong Ginger & Turmeric Cluster at Kheronigoan, Karbi Anglong.						
Name of work: Bill of Quantity for construction of proposed Raw Material Bank (RMB) (12 m x15 m)						
Item	Particulars of item		Unit	Quantity	Rate in Rs.	Amount in Rs.
1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal upto a distance of 50 m outside the periphery of the area cleared,		sqm	556.6		
2	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth up to 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed : All kinds of soil/footing and Tie beam		cum	135.45		
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth: consolidating each deposited layer by ramming and watering. lead up to 50 mand lift upto 1.5 m.		cum	20.18		
4	Supplying & filling with sand under floor including watering, ramming, cossolidating & dressing complete.		cum	165.24		
5	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 fine sand : 6 graded stone aggregate 40 mm nominal size)		cum	3.3635		
6	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)		cum	14.7509		
7	Reinforced cement concrete work in retaining wall, return wall, walls (any thickness) including attached pilasters, column, piers, abutment, pillar, posts, struts, buttress, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc. upto floor five level, excluding cost of centring, shuttering and finishing: 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)		cum	7.56		
	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size) Beam at 3.0m (top of brick wall)/Lentil/Post plate beam/Chajja		cum	7.65315		

8	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level: Thermo-Mechanically Treated bars: footing/column/column (stirrup)/ Tie beam/Stirrup	kg	2177.686		
9	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level : Thermo-Mechanically Treated bars/Beam at 3.0m(top of brick wall)/stirrup/lentil/stirrup/Post plate beam/same as beam/ Chajja	kg	1319.862		
10	Brick work with Modular bricks of class designation 7.5 in foundation and plinth in : Cement Mortar 1:4 (1 cement : 4 fine sand)	cum	11.3022		
11	Brick work 7 cm thick with bricks of class designation 75 in cement mortar 1:3 (1 Cement : 3 coarse sand) in superstructure:	sqm	139.32		
12	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete. Fixed to steel windows by welding	kg	200		
13	Structural steel work welded in built up sections, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete: (@ 12kg/sqm) , frame for CGI wall	kg	5350		
14	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 -part 1 and M.S. top cover of required thickness for rolling shutters: 80x1.25 mm M.S. laths with 1.25 mm thick top cover.	sqm	10.08		
15	Fixing standard steel glazed doors, windows and ventilators in walls with 15x3mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or raw plugs and screws or with fixing clips or with bolts and nuts as required, including fixing of glass panes with glazing clips and special metal-sash putty of approved make, or metal beading with screws (only steel windows with lugs, glass panes cut to size and glazing clips or metal beading with screws, shall be supplied by department free of cost.)	sqm	14.4		

16	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate		sqm	183.6		
17	Providing corrugated G.S. sheet roofing fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to a pitch of 60 degrees) excluding the cost of purling, rafters and trusses. 0.63mm thick with zinc coating not less than 275gm/m ² and wall	3	sqm	428.904		
18	Providing ridges or hips of width 60 cm over all width plain G. S. sheet fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete: 0.63mm thick with zinc coating not less than 275gm/m ²		rm	16.42		
19	12 mm cement plaster of mix : 1:6 (1 cement : 6 fine sand)		sqm	138.42		
20	Distemping with dry distemper of approved brand and manufacture (two or more coats) and of required shade on new work, over and including priming coat of whitening to give an even shade.		sqm	138.42		
21	Finishing wall with water proofing cement paint of required shade. New work(Two or more coats approved @3.84 kg/10 sqm)		sqm	138.42		
22	Centering and shuttering including strutting,propping etc. and removal of form for:					
	Foundations,footings,bases of column etc for mass concrete		sqm	15.12		
	Lintels,beams,plinth beams,girders,bressumers and cantilever		sqm	87.36		
	Columns,pillars,piers,abutments,posts and strurs.		sqm	28.98		
23	Providing fitting fixing of Roofing Thermal Insulation (glasswool material) min. 10 mm thickness with all necessary fittings as per direction of the client.		sqm	218.4856		
Total of Civil work: Rs.					Rs,	
Add:						
4% of civil work for Wooden platform/racks/partition					Rs.	
5% of civil work for internal electrification					Rs.	
					Grand Total Rs.	
Rupees (.....) only						

