ABSTRACT OF COST

Name of work:- Construction and Design of PMAY -G (Sh: Earth embankment for foundation, wooden frame work, bamboo crete walling with mud plaster and CGI sheet roofing etc)

Sl. No.	Sub-Head/Item of Works	Quantity	Rate	Unit	Amount	Remarks
1	Earth work in rough excavation banking excavated eath in layers not exceeding 20 cm. depth, breaking clods watering rolling each layer with ½ tonne roller or wooden or steel rammer rolling every 3rd and topmost layer with power roller of minimum 8 tonne and dressing up embankment fo roads, floods banks, guide banks, filling up ground, depression lead upto 50 m. and lift upto 1.5 m. in Hard Dense. (without roller)	16.03	81.04	cu.m	1,299.07	Rate based on MSR' 2015(less 15 % C.P. and OH)
2	Supplying base stone of 25 x 25 cm size	24	130	each	3120	Rate based on Local Market rate
3	Providing wood work in trusses, purlins, rafter, posts, post plate wall plate & the like wrought frame hoisted & fixed in position - Khnagra wood	1.12	33,573.04	cu.m	37,601.80	Rate based on MSR' 2015(less 15 % C.P. and OH)
4	Corrugated G.I. sheet 24 B.G. fixed with galvanised iron J or L hooks 8 mm dia. G.I. Limpet & bitumen wahser complete, excluding the cost of purlins, rafters and trusses.	49.5	803.13	sq.m.	39,754.93	Rate based on MSR' 2015(less 15 % C.P. and OH)
5	Ridges or hips 610 mm over all in plain G.I. sheet 24 B.G. fixed with galvanised iron J or L hooks 8 mm dia G.I limpet bitumen wahsers complete.	6.80	585.39	Rm	3,980.65	Rate based on MSR' 2015(less 15 % C.P. and OH)
6	Providing wood works in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position - local best quality leihao.	0.24	29,478.86	cu.m	7,074.92	Rate based on MSR' 2015(less 15 % C.P. and OH)

7	P/F 35 mm. thick panelled, flazed or panelled and galzed shutters for doors, windows and clerestory windows including bright finished or black enamelled M.S. Iron butt hinges with necessary screws - Leihao wood	11.40	sq.m.	1,980.08	22,572.92	Rate based on MSR' 2015(less 15 % C.P. and OH)
8	Bamboo crete walling 1st class watchet of 20 mm width with 120 mm thick mud plaster with puddle straws mixed with trowelled finished including iron nails works etc.	52.51	sq.m.	217	11,394.67	Rate based on Local Market rate
9	Providsing and fixing M.S. sliding bolts bright finished or black enamelled with nuts and screws etc. complete - 250x 16 mm	2	each	247.30	494.60	Rate based on MSR' 2015(less 15 % C.P. and OH)
10	Providing and fixing M.S. bolts (barrel type) with screws etc complete - 250 x 10 mm	16	each	169.47	2,711.52	Rate based on MSR' 2015(less 15 % C.P. and OH)

Total = Rs, 1,30,005.08

Say, Rs, 1,30,000

(Rupees One lakh thirty thousand) only.

Section Officer (Dev.)
Thoubal C.D. Block.

Details of Measurements.

Name of work:- Construction and Design of PMAY -G (Sh: Earth embankment for foundation, wooden frame work, bamboo crete walling with mud plaster and CGI sheet roofing etc)

Item No. 1   Earthwork in rough excavation, banking excavated earth in layer...............................

$$1 \times 6.60 \times 5.40 \times 0.45 \ = \ 16.03 \ m^3$$

Item No. 2   Supplying base stone of 25 x 25 cm size

$$1 \times 24 \ = \ 24 \ nos.$$

Item No. 3   Providing wood work in trusses, purlins, rafter, posts, post plate ....

Post -

Room-		
Verandah-	$20 \times 0.075 \times 0.075 \times 3.10 = 0.34$	
T/Beam -	$4 \times 0.075 \times 0.075 \times 2.60 = 0.05$	
"	$2 (5.70 + 3.00) \times 0.075 \times 0.10 \ = \ 0.13$	
W/Plate -	$1 \times 3.00 \times 0.075 \times 0.10 \ = \ 0.02$	
"	$2 \times 1.50 \times 0.075 \times 0.10 \ = \ 0.02$	
"	$2 (5.70 + 3.00) \times 0.025 \times 0.075 \ = \ 0.03$	
P/Plate -	$1 \times 3.00 \times 0.025 \times 0.075 \ = \ 0.05$	
"	$2 \times 1.50 \times 0.025 \times 0.075 \ = \ 0.005$	
"	$2 (5.70 + 3.00) \times 0.05 \times 0.075 \ = \ 0.06$	
	$1 \times 3.00 \times 0.05 \times 0.075 \ = \ 0.01$	

Room-

	$2 \times 1.50 \times 0.05 \times 0.075 \ = \ 0.01$	
	$1 \times 5.70 \times 0.05 \times 0.075 \ = \ 0.02$	
Rafter -	$2 \times 6 \times 2.40 \times 0.05 \times 0.075 \ = \ 0.10$	
Collar -	$6 \times 1.80 \times 0.05 \times 0.075 \ = \ 0.04$	

Verandah

Rafter -	$6 \times 1.95 \times 0.05 \times 0.075 \ = \ 0.04$	
Purlins-	$9 \times 6.40 \times 0.05 \times 0.075 = 0.21$	

$$Total \ = \ \ 1.31 \ cu.m.$$

Deduction-		
W/Plate-	$2 \times 1.00 \times 0.025 \times 0.075 = 0.003 \ \ cu.m.$	

$$Net \ Total \ \ = \ \ 1.12 \ cu.m.$$