



Stichting Bouwen

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Bill of quantity

by order of: Stichting Meet Kate, The Netherlands
 project: Meet Kate Childrens Home
 Agona Swedru, Central region, Ghana, West Africa
 project number: 2009-36
 date: 27-06-09

element	quantity	units	quantity	units	unit cost	total (GH)	total (€)
1. DORMS, DINING, OFFICES ETC (3000+P)							
Foundation walls	28,0	m1					
concrete	2,8	m3	22,4	bags cement	10	224	
plastic foil	28,0	m1	28,0	m	0,5	14	
steel Φ 8mm	84,0	m1	7,1	rods	8	57	
connection steel Φ 5mm	56,0	m1	4,7	rods	3	14	
<i>blocks 1500+P to 3000+P</i>	<i>6,0 courses</i>						
blocks back façade	42,0	m2	504,0	blocks	0,8	403	
mortar			14,0	bags cement	10	140	
subtotal						852	486,81
Ringbeam 3000+P	206,8	m1					
concrete	6,2	m3	49,6	bags cement	10	496	
steel Φ 8mm	413,5	m1	34,9	rods	8	279	
steel Φ 10mm	413,5	m1	34,9	rods	11	384	
connection steel Φ 5mm	723,6	m1	60,3	rods	3	181	
subtotal						1340	765,77
Ground floor	408,0	m2					
concrete	40,8	m3	326,4	bags cement	10	3264	
plastic foil	408,0	m2	408,0	m	0,5	204	
BRC 200x200x5,5 mm	586,8	m2	58,7	pcs	70	4107	
backfillmaterial	122,4	m3			7	857	
subtotal						8432	4818,33
Walls	204,0	m2					
Hollow sandcrete blocks +6000-	204,0	m2	2448,0	blocks	0,8	1958	
Hollow sandcrete blocks gable	132,0	m2	1584,0	blocks	0,8	1267	
mortar			112,0	bags cement	9,5	1064	
subtotal						4290	2451,20

Columns	40,0	pcs					
concrete	2,7	m3	21,6	bags cement	10	216	
steel Φ 8mm	560,0	m1	47,3	rods	8	378	
Φ 5mm rings (square 150x150)	700,0	pcs	35,0	bundels	3	105	
subtotal						699	399,46
Lintel 5400+P	62,5	m1					
concrete	1,9	m3	15,0	bags cement	10	150	
steel Φ 8mm	250,0	m1	21,1	rods	8	169	
connection steel Φ 5mm	156,3	m1	13,0	rods	3	39	
subtotal						358	204,48
Ringbeam 6000+P	150,0	m1					
concrete	4,5	m3	36,0	bags cement	10	360	
steel Φ 8mm	600,0	m1	50,6	rods	8	405	
connection steel Φ 5mm	375,0	m1	31,3	rods	3	94	
subtotal						859	490,75
Metalwork							
<i>rectangle trusses</i>			6,0	pcs			
□ 40x40x2 mm	129,0	m1	22,1	lengths	28	617	
workmanship welding					50	300	
<i>triangle trusses</i>			5,0	pcs			
□ 40x40x2 mm	420,0	m1	71,8	lengths	28	2010	
└ 40x40x3 mm			2,0	length	23	46	
workmanship welding					100	500	
subtotal						3474	1984,97
Roof (330m2)	494,0	m2					
Onduline corrugated sheets (red)	494,0	m2	226,1	pcs	16	3618	
Onduline ridge caps	19,0	m1	23,8	pcs	8	190	
Hardwood 2"x3"	836,0	m1	209,0	pcs	4	836	
Onduline nails			3391,5	pcs	0,25	848	
subtotal						5491	3137,99
Windows and doors							
window type W1 (1600x1240) (wood, alu profile, glass, gaze and galvanised mesh)	22,0	pcs		various	160	3520	
window type W3 (725x1240) (wood, alu profile, glass, gaze and galvanised mesh)	6,0	pcs		various	80	480	
door type D1 (wood, paneled door, lock, and hinges)	6,0	pcs		various	125	750	
door type D2 (wood, paneled door, lock, and hinges)	1,0	pcs		various	220	220	
subtotal						4970	2840,00

Ceiling							
hardwood 2"x2"	180,0	m1	45,0	lengths	3	135	
4mm plywood	432,0	m2	154,3	sheets	15	2314	
ceiling battings	771,4	m1	192,9	pcs	1	193	
subtotal						2642	1509,80
Electrical installations							
various	408,0	m1		various	10	4080	
subtotal						4080	2331,43
Finishing							
white wash, wall paint	408,0	m2		various	5	2040	
wood primer, oilpaint	35,0	pcs		various	20	700	
wall plastering	462,0	m2	81,6	bags cement	10	816	
floor plastering	408,0	m2	68,0	bags cement	10	680	
turpentine			20,0	drums	5	100	
carbaline			20,0	drums	5	100	
subtotal						4436	2534,86
Sand/ Gravel							
sand	42,0	m3			8	336	
gravel	58,9	m3			70	4121	
subtotal						4458	2547,20
SUBTOTAL 1.						46380	26503,04

2. YARD, BATHROOMS, KITCHEN (P=0.00)							
Ground floor	396,0	m2					
concrete	39,6	m3	316,8	bags cement	10	3168	
plastic foil	396,0	m2	396,0	m	0,5	198	
BRC 200x200x5,5 mm	396,0	m2	39,6	pcs	70	2772	
subtotal						6138	3507,43
Walls	152,0	m2					
Hollow sandcrete blocks +3000-	152,0	m2	1824,0	blocks	0,8	1459	
mortar			50,7	bags cement	10	507	
subtotal						1966	1123,35
Columns	16,0	pcs					
concrete	1,1	m3	8,6	bags cement	10	86	
steel Φ 8mm	224,0	m1	18,9	rods	8	151	
Φ 5mm rings (square 150x150)	280,0	pcs	14,0	bundels	3	42	
subtotal						280	159,78
Lintel 2140+P	63,3	m1					
concrete	1,9	m3	15,2	bags cement	10	152	
steel Φ 8mm	253,2	m1	21,4	rods	8	171	
connection steel Φ 6mm	95,0	m1	7,9	rods	3	24	
subtotal						347	198,05

Ringbeam 3000+P	128,0	m1					
concrete	3,8	m3	30,7	bags cement	10	307	
steel Φ 8mm	512,0	m1	43,2	rods	8	346	
connection steel Φ 5mm	192,0	m1	16,0	rods	3	48	
subtotal						701	400,49
Metalwork							
<i>trusses</i>			18,0	pcs			
□ 40x40x2 mm	540,0	m1	92,3	lengths	28	2585	
└ 40x40x3 mm			3,0	length	23	69	
workmanship welding					100	1800	
subtotal						4454	2544,92
Veranda							
Columns Hardwood 2"x6"	18,0	m1	4,5	pcs	8,5	38	
Beam Hardwood 2"x6"	20,0	m1	5,0	pcs	8,5	43	
Brackets foot	6,0	pcs			50	300	
Hardwood 2"x3"	72,0	m1	18,0	pcs	4	72	
subtotal						453	258,71
Roof (330m2)	597,0	m2					
Onduline corrugated sheets (red)	597,0	m2	279,7	pcs	16	4474	
Onduline ridge caps	48,0	m1	60,0	pcs	8	480	
Hardwood 2"x3"	900,0	m1	225,0	pcs	4	900	
Onduline nails			4194,8	pcs	0,25	1049	
subtotal						6903	3944,62
Windows and doors							
window type W1 (1600x1240) (wood, alu profile, glass, gaze and galvanised mesh)	9,0	pcs		various	160	1440	
window type W2 (825x670) (wood, alu profile, glass, gaze and galvanised mesh)	4,0	pcs		various	60	240	
window type W3 (725x1240) (wood, alu profile, glass, gaze and galvanised mesh)	6,0	pcs		various	80	480	
window type W4 (875x1240) (wood, alu profile, glass, gaze and galvanised mesh)	4,0	pcs		various	80	320	
window type W5 (2375x1240) (wood, alu profile, glass, gaze and galvanised mesh)	1,0	pcs		various	220	220	
door type D1 (wood, paneled door, lock, and hinges)	16,0	pcs		various	125	2000	
door type D2 (wood, paneled door, lock, and hinges)	1,0	pcs		various	220	220	
subtotal						4920	2811,43

Ceiling							
hardwood 2"x2"	230,0	m1	57,5	lengths	3	173	
4mm plywood	276,0	m2	98,6	sheets	15	1479	
ceiling battings	492,9	m1	123,2	pcs	1	123	
subtotal						1774	1013,88
Electrical installations							
various	396,0	m2		various	10	3960	
subtotal						3960	2262,86
Plumbing installations							
various	396,0	m2			10	3960	
subtotal						3960	2262,86
Finishing							
white wash, wall paint	304,0	m2		various	5	1520	
wood primer, oilpaint	36,0	pcs		various	20	720	
wall plastering	358,0	m2	60,8	bags cement	10	608	
floor plastering	324,0	m2	54,0	bags cement	10	540	
floor tiles	104,0	m2	104,0	crt	10	1040	
wall tiles	258,0	m2	258,0	crt	8	2064	
tile cement			147,0	bags	7	1029	
turpentine			20,0	drums	5	100	
carbaline			20,0	drums	5	100	
glass blocks	136,0	pcs			7	952	
subtotal						8673	4956,00
Sand/ Gravel							
sand	50,6	m3			8	405	
gravel	46,4	m3			70	3249	
subtotal						3654	2088,12
SUBTOTAL 2.						48182	27532,51

3. FINISHING							
Furniture, decoration etc							
beds, cupboards, tables, chairs	13,0	rooms		various	2000	26000	
subtotal						26000	14857,14
SUBTOTAL 3. GENERAL						26000	14857,14

4. GENERAL							
External works							
raingutter, septictank, pavement staircase, etc				various		4000	
subtotal						4000	2285,71
Transport							
rods, cement, roofingsheets etc.						5000	

subtotal						5000	2857,14	
Equipment/ Tools wheel barrels, spades, timber, rent concrete mixer, compactor etc)				various		3000		
subtotal						3000	1714,29	
Labour foreman, mason, labourer, etc. workmanship electrical workmanship plumbing workmanship tiling				various various various various		5000 1500 800 1319		
subtotal						8619	4925,14	
SUBTOTAL 4. GENERAL							20619	11782,29
total 1 + 2 + 3 + 4						141181	80674,97	
unforeseen	15%					21177	12101,25	
4. MANAGEMENT ST.BOUWEN						11375	6500,00	
Grand Total						173733	99276,22	

Opmerking:

Bovenstaand document is geen offerte maar een begroting.
Prijzen zijn gebaseerd op prijspeil van het moment van opstellen.
Prijzen en koers kunnen tussentijds veranderen.