

ARRIVAL 10 11 7/5/2014

BILL OF QUANTITY:

PROJECT: Second phase of the proposed maternity ward, Theatre and pediatric at KISAWASAWA PARISH - IFAKARA.

NO	Description	Unit	Unit cost	Amount	Total Tsh
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Job 1 Plaster

A: materials

1	Cement	50kg	20,000	60	1,200,000
2	Sand	M ³	20,000	11	220,000
					1,420,000

B:Transport

1	Material Ifakara -Kisawasawa	Km	1,500	90	135,000
2	Local Transport	Trip	50,000	5	250,000
					385,000

C:Labour

1	Plaster work	Pce	1,200,000	2	2,400,000
2	Casual Labour	Pce	400,000	1	400,000
					2,800,000

A + B +C

4,605,000

Job 2 Windows and Doors

A: Materials

1	Aluminum windows	M ³	95,000	78	7,410,000
2	Timber 2" x6"x12'	Pce	12,000	115	1,380,000
3	Timber 1"x12"x12'	Pce	12,000	25	300,000
4	Reinforcement bar 16mm	40ft	25,000	30	750,000
5	Nails 1"	Kg	2,500	10	25,000
6	Nails 2"	Kg	2,500	10	25,000
7	Shoe tacks	Gross	4,000	10	40,000
8	Vanish	5ltrs	25,000	4	100,000
9	Mortice door locks	Pce	50,000	35	1,750,000
10	Hinges	Pce	1,500	120	180,000
11	Screws 150mm	Gross	6,000	12	72,000
12	Fischer plug 9mm	Gross	5,000	12	60,000
					12,092,000

NO	Description	Unit	Unit cost	Amount	Total Tsh
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B: Transport

1	Materials Ifakara – kisawasawa	Km	1,500	180	270,000
2	Local transport	Trip	50,000	4	200,000
					470,000

C: Labour

1	Frame joinery	Pie	30,000	26	780,000
2	Top joinery	Pce	80,000	10	800,000
3	Frame fixing	Pce	5,000	36	180,000
4	Painting work	Pce	2,000	36	72,000
5	Door top fixing	Pce	20,000	10	200,000
6	Timber machining	Pce	3,000	140	420,000
					2,452,000

A+B+|C

15,014,000

Job 3: ceiling work

A: Materials

1	Timber 2"x6'x12	Pce	8,000	350	2,800,000
2	Ceiling board	4"x8"	15,000	125	1,875,000
3	Emulsion paint white	4ltrs	20,000	40	800,000
4	Nails 1.5"	Kg	2,500	30	75,000
5	Nails 2.5"	Kg	2,500	30	75,000
6	Nails 4"	Kg	2,500	30	75,000
7	Thinner solution	Ltr	3,500	10	35,000
					5,735,000

B: Transport

1	Materials Mafinga – kisawasawa	Km	1,500	700	1,050,000
2	Local transport	Trip	50,000	2	100,000
					1,150,000

C: Labour

1	Timber machining	Pce	3,000	350	1,050,000
2	Joining ceiling work	Pce	1,500,000	2	3,000,000
3	Ceiling painting	Pce	800,000	2	1,600,000
					5,650,000

A + B+ C

12,535,000

NO	Description	Unit	Unit cost	Amount	Total Tsh
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Job 4: Floor finish

A: Material

1	Cement	50kg	20,000	60	1,200,000
2	Sand	M ³	20,000	10	200,000
3	Floor tiles	M ²	30,000	386	11,580,000
4	Grout	1	3,000	60	180,000
					1,316,000

B: Transport

1	Materials Dar es salaam - kisawasawa	Km	1,500	900	1,350,000
2	Local transport	Trip	50,000	10	500,000
					1,850,000

C: Labour

1	Floor work	Pce	1,000,000	1	1,000,000
2	Casual Labour	Pce	200,000	1.	200,000
					1,200,000

A+B+C

16,210,000

Job 5: wall pointing

A: Materials

1	Cement	50kg	20,000	10	200,000
2	White wash	15kg	10,000	10	100,000
3	Sand	M ³	20,000	2	40,000
					340,000

B:Transport

1	Materials Ifakara- kisawasawa	Pce	2,000	20	40,000
2	Local Transport	Trip	50,000	4	200,000
					240,000

C:Labour.

1	Wall pointing	Pce	600,000	1	600,000
2	Casual Lbour	Pce	200,000	1	200,000
					800,000

A + B + C

1,380,000

NO	Description	Unit	Unit cost	Amount	Total Tsh
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Job 6: painting

A: Materials

1	White wash	15kg	10,000	10	100,000
2	Emulsion paint white	4ltr	16,000	40	640,000
3	Enamel paint white	4ltr	20,000	15	300,000
4	Enamel paint blue	4ltr	20,000	5	100,000
5	Thinner solution	1ltr	3,500	20	50,000
					1,190,000

B: Transport

1	Local transport	Pce	2,000	145	290,000
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C: Labour

1	Painting	Pce	1,500,000	1	1,500,000
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A + B + C

2,980,000

Job 7: Electrical installation

A: materials

1	Installation wire 6mm 2	m	5,000	50	250,000
2	Installation wire 2.5 mm2	90m	150,000	2	300,000
3	Installation wire 1.5 mm	90m	120,000	4	480,000
4	Lamp holder Ex Uk	Pce	1,500	15	22,500
5	Junction box Ex,6mm	Pce	3,000	20	60,000
6	Lamp switch with surface mounting box	Pce	3,500	15	52,500
7	Two way switch with mounting box Ex Uk	Pce	5,000	4	20,000
8	Flexible installation wire 2x1.5mm ²	90m	90,000	1	90,000
9	Switch socket 13 A with mounting box Ex Uk	Pce	5,000	15	75,000
10	Main switch 30 A	Pce	150,000	1	150,000
11	Circuit breaker with earth leakage protection.	Pce	70,000	1	70,000
12	Cealing rose,Ex Uk	Pce	1,500	15	22,500
13	Earth wire	M	5,000	20	100,000
14	Earth rod	Pce	30,000	1	30,000
15	Wire clips 9mm	Gross	5,000	50	250,000
16	Wall fischer plug	Gross	5,000	10	50,000
17	Wood screws 1.5"	Gross	4,000	5	20,000
					2,042,500

NO	Description	Unit	Unit cost	Amount	Total Tsh
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B: Transport

1	Transport of materials	Pce	200,000	1	200,000
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C : Labour

1	Installation work	Pce	1,200,000	1	1,200,000
2	Casual labour		50,000	1	50,000
3	Tanesco extersion		3,500,000	1	3,500,000
					4,750,000

A +B + C

6,992,500

Job 8: water supply

A: Materials

1	PVC coil 1"	150m	285,000	6	1,710,000
2	Galvanised pipe 1"	6m	30,000	18	540,000
3	Galvanised pipe ¾"	6m	20,000	12	240,000
4	Galvanised pipe ½"	6m	15,000	32	480,000
5	Pipe connectors	Set	500,000	3	1,500,000
					4,470,000

B: Transport

1	Material Dar es salaam - kisawasawa		200,000	1	200,000
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C: Labour

1	Trench excavation		400,000	1	400,000
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A +B + C

5,070,000

Job 9: Sanitary work

A; materials

1	PVC pipe 4"	6m	20,000	58	1,160,000
2	PVC pipe connectors	set	200,000	3	600,000
3	Wash basin, complete	Pce	50,000	20	1,000,000
4	Wc Asian type , complete	Pce	55,000	20	1,100,000
5	Shower,complete	Pce	35,000	20	700,000
6	Doby sink	Pce	135,000	13	1,755,000
7	Brricks 90 x 145 x300	Pce	200	6,500	1,300,000
8	Reinforcement bar, 16mm	40fts	20,000	35	700,000
9	Cement	50kg	20,000	75	1,500,000
10	Sand	M ³	20,000	7	140,000
11	Binding wire	Kg	3,500	8	28,000
12	Coarse aggregate	M ³	40,000	7	280,000

10,263,000

NO	Description	Unit	Unit cost	Amount	Total Tsh
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B: Transport

1	Materials transport - Ifakara kisawasawa	Trip	200,000	2	400,000
2	Transport signal - kisawasawa	Trip	200,000	2	400,000
3	Local transport	Trip	50,000	12	600,000
					1,400,000

C: Labour

1	Pitexcavation	Pce	200,000	2	400,000
2	Construction work		400,000	1	400,000
					800,000

A + B + C

12,463,000

Job 10: Construction ladder

A: Materials

1	Cement	50kg	20,000	30	600,000
2	Reinforcement bar 16 mm	40fts	20,000	20	400,000
3	Reinforcement bar 12 mm	40fts	12,000	40	480,000
4	Binding wire	Kg	3,500	10	35,000
5	Sand	M ³	20,000	3	60,000
6	Coarse aggregate	M ³	40,000	5	200,000
					1,775,000

B: Transport

1	Course aggregate signal - Kisawasawa	Trip	200,000	3	600,000
2	Local transport	Trip	50,000	5	250,000
3	Material Ifakara - Kisawasawa	Km	1,500	90	135,000
					985,000

C: Labour

1	Metal working				800,000
2	Form work				200,000
3	Concrete casting				1,200,000
					2,200,000

A + B + C

4,960,000

Total cost Tsh

82,209,500

Euro currency at 1 Euro = Tshs 2,000

Total cost Euro €

41,104.75