

Bill of Materials for Design Opti

	Material	Unit Measurement	Amount	Unit Price (USD)
Design Option 1: Welded Rotational Carousel	Clay Bricks	#	1159	\$ 0.45
	Corrugated Tin	\$/sqft	54.74	\$ 0.59
	Mortar	\$/lb	2318.380821	\$ 0.08
	Concrete	\$/lb	3120.00	\$ 0.05
	Plastic Covering	\$/sqft	7.64	\$ 1.25
	Wire	\$/ft	100	\$ 0.04
	2x4	\$/ft	33.33	\$ 0.46
	Metal Piping	\$/ft	2.17	\$ 8.19
	Rebar	\$/ft	25.83	\$ 0.75
	Plastic Buckets	#	5	\$ 2.98
Totals:				
Design Option 2: Plastic Rotational Carousel	Clay Bricks	#	1159	\$ 0.45
	Corrugated Tin	\$/sqft	54.74	\$ 0.59
	Mortar	\$/lb	2318.380821	\$ 0.08
	Concrete	\$/lb	3120.00	\$ 0.05
	Plastic Covering	\$/sqft	7.64	\$ 1.25
	Wire	\$/ft	100	\$ 0.04
	2x4	\$/ft	33.33	\$ 0.46
	Plastic Table	#	1	\$ 29.95
	Casters	#	10	\$ 4.97
	Rebar	\$/ft	2	\$ 0.75
	Plastic Buckets	#	5	\$ 2.98
	Totals:			

Assumptions Made:

- 1 All materials ordered from lowe
- 2 60 lb mortar lays 30 bricks
- 3
- 4

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Unit Price (RWF)	Total (USD)	Total (RWF)
RWF 45.00	\$ 521.64	RWF 52,163.57
RWF 389.94	\$ 32.46	RWF 21,345.30
RWF 54.80	\$ 193.20	RWF 127,047.27
RWF 35.76	\$ 169.65	RWF 111,561.84
RWF 822.44	\$ 9.55	RWF 6,282.52
RWF 26.57	\$ 4.04	RWF 2,656.70
RWF 299.21	\$ 15.17	RWF 9,973.60
RWF 5,385.74	\$ 17.75	RWF 11,669.11
RWF 489.91	\$ 19.25	RWF 12,656.06
RWF 1,959.65	\$ 14.90	RWF 9,798.24
	\$ 997.59	RWF 365,154.20
RWF 45.00	\$ 521.64	RWF 52,163.57
RWF 389.94	\$ 32.46	RWF 21,345.30
RWF 54.80	\$ 193.20	RWF 127,047.27
RWF 35.76	\$ 169.65	RWF 111,561.84
RWF 822.44	\$ 9.55	RWF 6,282.52
RWF 26.57	\$ 4.04	RWF 2,656.70
RWF 299.21	\$ 15.17	RWF 9,973.60
RWF 19,695.12	\$ 29.95	RWF 19,695.12
RWF 3,268.27	\$ 49.70	RWF 32,682.72
RWF 489.91	\$ 1.49	RWF 979.82
RWF 1,959.65	\$ 14.90	RWF 9,798.24
	\$ 1,041.74	RWF 394,186.70

	RWF Equivalent
	USD Conversion

Jamie Estimate
1351.53

68.3