

STANDARD DAM COSTING 2009

S/No.	Item Description	Unit	Unit Rate(Kshs)	Quantity	Total (Kshs)	% age contribution
1.	Cement	50-kg bag	850	350	297,500	
2.	Reinforcement Bars (R1/2 Dia.)	Pcs	1050	20	21,000	
3.	Reinforcement Bars (R1/4 Dia.)	Pcs	250	30	7,500	
4.	Timber 2"*2"	Foot	100	20	2,000	
5.	Skilled Labor	M/Days	450	105	47,250	
6.	Training	Training	20,000	4	80,000	
7.	Transport				45,000	
8.	Site Management					
	a) Mobilization	Item			35,000	
	b) Siting	Item			20,000	
	c) Site preparation	Item			15,000	
	d) Supervision	Item			45,000	
Sub-Total					615,250	60
9.	Hardcore	Ton	500	210	105,000	
	Sand	Ton	300	105	31,500	
	Water	Litre	0.5	45,000	22,500	
	Unskilled Labor	Person Day	100	2,100	210,000	
	Community feeding	Day	10	21,00	21,000	
	Support to Artisan	Day	80	105	8,400	
Sub-Total					398,400	40
Totals					1,013,650	100

- (1) Prices are quoted as at 14th April 2009. Fluctuations may occur especially for cement due to increasing inflation rates in the market.
- (2) The community contribution account for 40%. This is in kind mainly in terms of material collection and dam construction activities whereas 60% is donor contribution.
- (3) This BQ assumes a good year. In case of extreme drought and famine water, community feeding and support to artisan have to be provided for.