

### APA DAM 3 COSTING PROPOSAL 21/11/07

#### (Sand Dam And Off-Take Well With Hand-Pump)

S/NO	Item Description	Unit	Unit Rate	Quantity	Total Ksh.	Total %
1	Cement	50kg bag	750	300	225,000	
2	Reinforcement bars1/2Dia	Pieces	690	20	13,800	
3	Reinforcement bars1/4dia	Pieces	300	20	6,000	
4	Timber 2"x2"	Foot	18	50	900	
5	Polythene paper G100	M	150	20	3,000	
6	Barbed wire G16	Roll	3400	2	6,800	
7	Skilled labour	Days	350	105	36,750	
8	Nails mm	Kg	100	1	100	
9	Training	Training	20000	4	80,000	
10	Hand Pump	Piece	28,000	1	28,000	
10	Site management <ul style="list-style-type: none"> <li>• Mobilization</li> <li>• Sitting</li> <li>• Site preparation</li> <li>• Supervision</li> </ul>	Item Item Item Item			30,000 25,000 15,000 45,000	
11	Transport				30,000	
12	12.5 % overhead Administration cost Office costs				68,169	
					<b>613,519</b>	64%
1	Hardcore	Ton	260	150	39,000	
2	Sand	Ton	300	120	36,000	
3	Water	Litre	0.5	54000	27,000	
4	Unskilled Labour	Days	100	2100	210,000	
5	Artisans Upkeep	Days	80	105	8,400	
6	Community feeding lunch	Days	10	2100	21,000	
					<b>341,400</b>	36%
	<b>Total</b>				<b>954,919</b>	

Note: Volume of masonry wall of the dam is 108m<sup>3</sup>, inclusive of finishing's.