

SASOL FOUNDATION

FIELD OFFICE
P.O. Box 85, Kitui, Kenya
Tel: 254 -044 - 22873.

Email: sasol@kenyaweb.com

LIASON OFFICE
P.O. Box 14333, Nairobi, Kenya
Tel: 254-02-860772 or 802171

muticon@wananchi.com

SAND DAM STORAGE COSTS

The cost of an average dam with a volume of 120 m³ and taking 90 days to construct has the following costs.

Direct costs:

(a) Material cost	Ksh. 320,670
(b) Personnel cost	Ksh. 334,000
(c) Community contribution	Ksh. <u>414,150</u>
Sub total	1,069,120

Indirect cost

(d) SASOL overhead	110,330
Total	1,179,450

Details of categories

(a) Materials

400	Bags	cement	Ksh.	224,000
5	Roll	Barbed wire		14,000
20	Pcs	Round bar R ₂		11,000
20	Pcs	Round bar R ₄		4,000
100	ft	2"x2" timber		1,600
1	Kg	Nails		70
46	Cum	Water		46,000
		Tools		<u>20,000</u>
		Total Ksh.		320,670

(b) Personnel costs

Site location and mobilization	50,000
Artisan cost	36,000
Local student cost	54,000

Guidance	90,000
Motorcycle transport	24,000
Student collection orientation supervision	40,000
Community training	<u>40,000</u>

334,000

(C) Community contribution

Site feeding	79,200
Stone	45,000
Sand	26,250
Labour	<u>264,000</u>

414,450

(d) SASOL overhead 110,330

NOTE:

1. a,b,c are direct dam cost
2. d is an overhead cost
3. a, b, d represent the Euro 8500 raised for the dam in the Netherlands.
4. c The community contribution accounts for 40% of the dam cost.

Prepared by:

Sam.