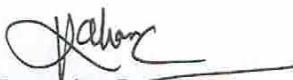


MARKATOLA TANK PROJECT

BENEFIT COST RATIO

S.No.	Particulars	Amount (in Lakhs)
1	2	3
A	Cost of Estimate	1350.00
B	Annual Benefits	
1.	Value of total agricultural produce before irrigation	109.35
2.	Cost of cultivation	43.31
3.	Net benefit before irrigation (S.No. 1-2)	66.04
4.	Value of agricultural produce after irrigation	315.90
5.	Cost of cultivation	67.23
6.	Net benefit before irrigation (S.No. 4-5)	248.67
	Net Annual Benefits Cost (6-3)	182.63
C	Annual Cost	
1.	Interest 10% on capital cost Rs. 1350.00 Lakhs	135.00
2.	Depreciation 2% on capital Cost Rs. 1350.00 Lakhs	27.00
3.	Administrative charges Rs. 250.00 per Ha. Of annual irrigation 486 Hact.	1.215
	Total	163.215
D	Benefit Cost Ratio @ 10%	
	= Annual benefits / Total annual cost	
	= $182.63 / 163.215 = 1.12 : 1$	1.12 : 1


 Executive Engineer
 W.R. Division Rajnandgaon

MARKATOLA TANK PROJECT

Receipts from produce after irrigation

S. No.	Name of crops	Area in Hact.	Produce				Value of total produce in Rs. Lakhs
			Produce per Hact. in tonne	Total produce in tonne	Rater per tonne	Amount in Lakhs	
1	2	3	4	5	6	7	8
1.	Kharif	486	5.20	2527.20	12500.00	315.90	315.90
Total		486					315.90

Expenses from produce after irrigation

S.No.	Particulars	Area in Hact.	Rate per Ha.	Total Amount
1	2	3	4	5
1.	Abstract of expenses field preparation	486	1250	607500.00
2.	Abstract of expenses showing	486	3000	1458000.00
3.	Abstract of expenses fertilizer	486	4100	1992600.00
4.	Abstract of expenses seed treatment	486	1450	704700.00
5.	Windowing & threshing	486	3750	1822500.00
6.	Abstract of expenses canal rate	486	250	121500.00
7.	Depreciation charges on completion of project @ Rs. 15.00 per Hact.	486	15	7290.00
8.	Shares of cash return @ Rs. 12.50 per Hact.	486	12.50	6075.00
9.	Land revenue @ Rs. 6.50 per Hact.	486	6.50	3159.00
Total		486	13824.00	67235240.0
Say Rs.				67.23 Lakhs

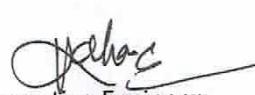

 Executive Engineer
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MARKATOLA TANK PROJECT
Receipts from produce before irrigation

S. No.	Name of crops	Area in Hact.	Produce				Value of total produce in Rs. Lakhs
			Produce per Hact. in tonne	Total produce in tonne	Rater per tonne	Amount in Lakhs	
1	2	3	4	5	6	7	8
1.	Kharif	486	2.25	1093.50	10000.00	109.35	109.35
Total		486					109.35

Expenses from produce before irrigation

S.No.	Particulars	Area in Hact.	Rate per Ha.	Total Amount
1	2	3	4	5
1.	Abstract of expenses field preparation	486	625.00	303750.00
2.	Abstract of expenses showing	486	1875.00	911250.00
3.	Abstract of expenses fertilizer	486	1500.00	729000.00
4.	Abstract of expenses seed treatment	486	2500.00	1215000.00
5.	Windowing & threshing	486	3000.00	1458000.00
6.	Depreciation charges on completion of project @ Rs. 15.00 per Hact.	486	15.00	7290.00
7.	Shares of cash return @ Rs. 12.50 per Hact.	486	12.50	6075.00
8.	Land revenue @ Rs. 2.00 per Hact.	486	2.00	972.00
Total		486	9529.50	4331337.00
Say Rs.				43.31 Lakhs


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