

## **TOTAL PROJECT COST AND B.C.RATIO**

Sr.No.	Particulars	Cost(Rs.in lacs)
1	A. Preliminary - B - LAND -	112.79
2	Dam and Apartment Work	239.98
3	Canal	92.80
4	Centage charges	57.25
5	LENTAGE TOTAL	<b>502.82</b>

### **Benefit Cost Ratio:-**

Earlier Benefit Cost ratio of the proposed project worked out to 1.88 at 10% interest rate for S.O.R.2007-08

Now considering latest proposed project cost benefit ratio worked out to 1.73 at 10%intest rate forS.O.R.2015-16.


### **Cost of the Project:-**

The cost of the project is worked out by adopting the rate of Regional S.O.R.year 2015-2016.The brief details of the project are as under.

### **Conclusion and Recommendation:-**

The propose project on completion will provide Irrigation facilities for 187.84 Ha. Land of Village Kundani of Jasdan Taluka of Rajkot District.As well as Recharge of aquifer of surrounding area of Village Bhetsuda and Village Kanesra which are very much beneficial for employment and Socio-economic development.

The proposed command area has unreliable and scanty rainfall many times. Existence of such type of project will beneficial to enchant the agriculture .The area covered under irrigation is draught prone area and there is acute deficit of irrigation water as well as potable water. The proposed project and its command area is out of SardarSarovar Narmada Project. The Local Leader and MLA of this area are also stressing upon the necessity of this project.

  
Deputy Executive Engineer  
Irrigation Project Sub Division No. ½  
Rajkot

# KANESARA-II WATER RESOURCES PROJECT

Name of work: Construction Of Kanesara-II Minor Irrigation Scheme Near Village: Kanesara Tal: Jasdan Dist: Rajkot

## BENEFIT COST RATIO

(1) Estimated	50282000
(2) crop plann	187.84 Hactor
(3) cost per Hactor in Rq	Rs. 267,685.00

Sr,nd	Crops	Before Irrigation										
		Area in hact.	Produce/Hact. in Qtl.	Total producti on in Qtl.	Rate per Qtl. In Rs.	Cost of seeds	Cost of fertiliser &pestiside s	Cost of labour	Productio n cost	Total production cost.Rs.	Value of total production in Rs.	Net value of total produce in Rs.
1	2	3	4	5	6	7	8	9	10	11	12	13
(A)	Kharif											
1	G.Nuts	101.00	5.94	600	4725	3884.82	5298.37	7064.50	16247.70	1641017.38	2834716.50	1193699.12
2	Bajari	76.34	7.67	586	1550	1618.15	2311.76	4622.67	8552.59	652904.48	907568.09	254663.61
3	Juwar	10.50	8	84	2575	2501.50	3677.80	7356.96	13536.26	142130.73	216300.00	74169.27
	Total	187.84								2436052.60	3958584.59	1522531.99

Gross Benefit = 1,44,48,117.00-39,58,585=1,04,89,532

So net Benefit/Hactor 1,04,89,532.00/187.84=55,843.00

Ratio Benefit 10,489,532

Exp.Cost 6,067,651.20

1.73

Deputy Executive Engineer

Irrigation Project Sub-division No.1/2

Rajkot

Executive Engineer

Rajkot Irrigation Project Division

Rajkot