KO	TG	AL	BA	\R	RA	GE

Tahsil :- Gadchiroli

Distt:- Gadchiroli

(13)

BENEFIT COST RATIO

A. Annual Benefits

					50.653	Mm3
1. Total value of Irrigated F	Produce			Rs	12406.08	Lakhs
Kotgal LIS				Rs	3740.05	Lakhs
Other LIS				Rs	8007.76	Lakhs
Gogaon LIS				Rs	658.27	Lakhs
2. Deduct						
a. Total Value of Un-Irrigat	ted Produce	е		Rs	1785.65	Lakhs
b. Benefits of culturable la				Rs		Lakhs
Submergence.	5 5					
25 Ha. @ Rs.	269	9.74	Per 1000 Ha.	Total Rs	1792.39	Lakhs
<u> </u>				Net Benefits Rs	and the second second second second	Lakhs
3. Benefits from Fisheries	(As per S	eparate	sheet attached		1.19.17	Lakhs
4.Benefits from drinking w	vater supply	(As p	er 1 4 2008 Rat	tes) Rs.	20.40	Lakhs
	·		king water=	10.00 Mm ³		
1.70 lacs + 20 %) = 2.04 lac	e.		e per Mm ³ =	2.04		
·	⊷ its for Drink			20.40		
5. Benefits for Industrial U		-		20.40	•	
(As per 1.4.2008 Rates)						••
10% of	(00.00.1000	22.00		45 60 Rs.	1003.20	Lakhs
		22.00		Lakhs/Mm ³	1000.20	201110
6. Benetits from Animal F	lusbundarv			Rs.	338.73	Lakhs
	·····			Total Benefits Rs		Lakhs
B. Annual Cost Kotgal Barrage			D -	20574.04		
Kotgal Barrage			Rs	36571 31		
Kotgal Barrage Cost of Project	on Rs.		Rs.	36571.31 36571.31 Rs.	3291.42	Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % c	on Rs. 1 % On Rs		Rs.	36571.31 Rs.	3291.42 365.71	Lakhs Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % c Depreciation charges @	1 % On Rs	6 of H.V		36571.31 Rs. 36571.31 Rs.	365.71	Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % c	1 % On Rs	6 of H.V	V.	36571.31 Rs. 36571.31 Rs. Rs.	365.71 323.95	Lakhs Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha	1 % On Rs arges @ 1%	6 of H.V	V.	36571.31 Rs. 36571.31 Rs.	365.71 323.95	Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha	1 % On Rs arges @ 1% es	6 of H.V	V. Fotal annual co	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs.	365.71 323.95 3981.0	Lakhs Lakhs Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS	1 % On Rs arges @ 1% es	6 of H.V	V. Fotal annual c o Rs.	36571.31 Rs. 36571.31 Rs. Rs.	365.71 323.95	Lakhs Lakhs Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal Lis As per A.A 2007-2008 =	1 % On Rs arges @ 1% es S	6 of H.V 518.24	V. Fotal annual co Rs. Lacs	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs.	365.71 323.95 3981.0	Lakhs Lakhs Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-05	1 % On Rs arges @ 1% es S 9=	6 of H.V 518.24 570.06	V. Fotal annual co Rs. Lacs Lacs	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs.	365.71 323.95 3981.0	Lakhs Lakhs Lakhs
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal Lis As per A.A 2007-2008 = 10% increase for 2008-0 10% increase for 2009-1	1 % On Rs arges @ 1% es S 9= 0=	6 of H.V 518.24	V. Fotal annual co Rs. Lacs Lacs Lacs Lacs	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07	365.71 323.95 3981.0 ICA = 300	Lakhs Lakhs Lakhs Lakhs 0 Ha.
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-0 10% increase for 2008-1 2 Annual Cost of Porla Wa	1 % On Rs arges @ 1% es S 9= 0= usa LIS	6 of H.V 518.24 570.06	V. Fotal annual co Rs. Lacs Lacs	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs.	365.71 323.95 3981.0 ICA = 300	Lakhs Lakhs BLakhs O Ha.
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-0 10% increase for 2008-1 2 Annual Cost of Porla Wa	1 % On Rs arges @ 1% es S 9= 0=	6 of H.V 518.24 570.06	V. Fotal annual co Rs. Lacs Lacs Lacs Lacs	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07	365.71 323.95 3981.0 ICA = 300 ICA = 250 on the bas	Lakhs Lakhs Lakhs Lakhs 0 Ha. 0 Ha. sis of
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-0 10% increase for 2008-1 2 Annual Cost of Porla Wa	1 % On Rs arges @ 1% es S 9= 0= usa LIS 2500 Ha	6 of H.V 518.24 570.06	V. Fotal annual co Rs. Lacs Lacs Lacs Lacs	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07	365.71 323.95 3981.0 ICA = 300	Lakhs Lakhs Lakhs Lakhs 0 Ha. 0 Ha. sis of
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-01 10% increase for 2008-01 2 Annual Cost of Porla Wa For	1 % On Rs arges @ 1% es S 9= 0= usa LIS 2500 Ha	6 of H.V 518.24 570.06	V. Fotal annual co Rs. Lacs Lacs Lacs Lacs Rs.	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07 522.56	365.71 323.95 3981.00 ICA = 300 ICA = 250 on the bas Kotgal LIS	Lakhs Lakhs Lakhs Lakhs 0 Ha. 0 Ha. sis of
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance char ii) Lift irrigation scheme 1 Annual Cost of Kotgal List As per A.A 2007-2008 = 10% increase for 2008-01 10% increase for 2008-01 2 Annual Cost of Porla War For 3 Annual Cost of lifting for command of	1 % On Rs arges @ 1% es S 9= 0= usa LIS 2500 Ha virgin	6 of H.V 518.24 570.06	V. Fotal annual co Rs. Lacs Lacs Lacs Lacs Rs.	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07 522.56	365.71 323.95 3981.00 ICA = 300 ICA = 250 on the bas Kotgal LIS	Lakhs Lakhs Lakhs Lakhs 0 Ha. 0 Ha. sis of
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-0 10% increase for 2008-0 10% increase for 2009-1 2 Annual Cost of Porla Wa For 3 Annual Cost of lifting for command of @ Rs.	1 % On Rs arges @ 1% es S 9= 0= isa LIS 2500 Ha virgin 750 Ha 0.182 Ha.	6 of H.V 518.24 570.06	V. Fotal annual co Rs. Lacs Lacs Lacs Lacs Rs.	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07 522.56	365.71 323.95 3981.00 ICA = 300 ICA = 250 on the bas Kotgal LIS	Lakhs Lakhs Lakhs Lakhs 0 Ha. 0 Ha. sis of
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance char ii) Lift irrigation scheme 1 Annual Cost of Kotgal List As per A.A 2007-2008 = 10% increase for 2008-01 10% increase for 2008-01 2 Annual Cost of Porla War For 3 Annual Cost of lifting for command of	1 % On Rs arges @ 1% es S 9= 0= isa LIS 2500 Ha virgin 750 Ha 0.182 Ha.	6 of H.V 518.24 570.06	V. Fotal annual co Rs. Lacs Lacs Lacs Rs. Rs.	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07 522.56 136.50	365.71 323.95 3981.00 ICA = 300 ICA = 250 on the bas Kotgal LIS	Lakhs Lakhs Lakhs Lakhs 0 Ha. 0 Ha. sis of Sost based
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-01 10% increase for 2008-01 2 Annual Cost of Porla Wa For 3 Annual Cost of lifting for command of @ Rs. 4 Annual Cost of Gogaon I	1 % On Rs arges @ 1% es S 9= 0= isa LIS 2500 Ha virgin 750 Ha 0.182 Ha. LIS	6 of H.V 518.24 570.06 627.07	V. Fotal annual co Rs. Lacs Lacs Lacs Rs. Rs. Rs.	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07 522.56 136.50 57.39	365.71 323.95 3981.00 ICA = 300 ICA = 250 on the bas Kotgal LIS Annual Co Revised A CSR 2008	Lakhs Lakhs Lakhs D Ha. O Ha. O Ha. Sis of Sost based A.A. From 3-2009
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-01 10% increase for 2008-01 2 Annual Cost of Porla Wa For 3 Annual Cost of lifting for command of @ Rs. 4 Annual Cost of Gogaon I	1 % On Rs arges @ 1% es S 9= 0= isa LIS 2500 Ha virgin 750 Ha 0.182 Ha. LIS	6 of H.V 518.24 570.06 627.07	V. Fotal annual co Rs. Lacs Lacs Lacs Rs. Rs. Rs.	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07 522.56 136.50	365.71 323.95 3981.00 ICA = 300 ICA = 250 on the bas Kotgal LIS Annual Co Revised A CSR 2008	Lakhs Lakhs Lakhs Lakhs 0 Ha. 0 Ha. sis of Sost based
Kotgal Barrage Cost of Project Interest charges @ 9 % of Depreciation charges @ Annual Maintainance cha ii) Lift irrigation scheme 1 Annual Cost of Kotgal LIS As per A.A 2007-2008 = 10% increase for 2008-01 10% increase for 2008-01 2 Annual Cost of Porla Wa For 3 Annual Cost of lifting for command of @ Rs. 4 Annual Cost of Gogaon I	1 % On Rs arges @ 1% es S 9= 0= isa LIS 2500 Ha virgin 750 Ha 0.182 Ha. LIS	6 of H.V 518.24 570.06 627.07	V. Fotal annual co Rs. Lacs Lacs Rs. Rs. Rs. Total annual c	36571.31 Rs. 36571.31 Rs. Rs. ost of project Rs. 627.07 522.56 136.50 57.39	365.71 323.95 3981.00 ICA = 300 ICA = 250 on the bas Kotgal LIS Annual Co Revised A CSR 2008 1343.5	Lakhs Lakhs Lakhs Lakhs 0 Ha. 0 Ha. 0 Ha. sis of 0 Ha. sis of 0 Ha. 20 Ha. 20 Ha. 20 Ha. 20 Ha. 20 Ha.

B.C. Ratio = Benefits ÷ Annual cost

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R.V.Kailaker ⊲ Sectional Engineer Chandrapur

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Executive Engineer Minor Irrigation Division Chandrapur

Sub-Divisional Officer Lift Irrigation Sub-Division No.1 Chandrapur

Superintending Engineer

Chandrapur Irrigation Project Circle Chandrapur