

HATHIADH IRRIGATION PROJECT

TEHSIL : KISHNGANJ

DISTRICT : BARAN

PROFORMA REPORT

PART - I DATA SHEET

1	Name of project and state attach index Plan indicating catchment area, submergence, state boundary, existing and proposed project up stream	Hathiadeh Irrigation project (Rajasthan) Index Plan ref. drawing No.1 Salient feature - Enclosed
2	Total estimated cost of the project and foreign exchange componet.	Rs...23253.00.00 Lacs Foreign exchange required -Nil
3	Salient features of the work G.C.A., C.C.A., type of dam, maximum height ofdam, Length of dam, type of spillway, number and capacity of river,	G.C.A. - 10091 Hect C.C.A. - 6885 " I.C.A. - 6128 " Intensity - 89 % type of dam - Earthen
(ii)	Sluice number & capacity of river, sluice number and capacity of irrigat-on outlets, F.R.L., MWL dead storage level,	Max. height - 19.73 M Length of dam - 9.21 KM Type of spillway - Ogee shape and by wash River sluice - Nil
	gross storage capacity area of submergence at F.R.L./D.S.L. silt provision number and length of canals whether any lifts involved attach details.	Irrigation outlet - 2 Nos. Discharge RMC - 1.2423 Cumec Discharge LMC - 1.6867 Cumec F.T.L. - 259.27 M Sill level - 253.50 M M.W.L. - 261.00 M T.B.L - 264.00 M Lift Involved - Nil Gross storage - 46.972 M. Cum Live storage - 42.970 M. Cum Dead storage - 4.00 M. Cum (For silt provision) Area of submergence at F.T.L. - 12.85 Sqkm D.S.L - 2.65 Sqkm No. & Length of canal - 2 Nos. Sqkm R.M.C. - 12.96 km L.M.C. - 19.32 km

4 PROPOSED ANNUAL IRRIGARION CROP WISE : (TOTAL C.C.A. 6685 HA)

S.No.	Details of crops	Irrigable Area in Hect. (Acres)	% age of C.C.A.	Delta at canal head in cms (excludin	water requirement at head
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1	2	3	4	5	6
1	Jowar	344	5%	112.50	1.1407
2	Maize	344	5%	112.50	1.1407
3	Groundnut	413	6%	135.50	1.3690
4	Soyabean	826	12%	270.00	2.7380
5	Wheat	2066	30%	1800.00	18.2520
6	Bearly	138	2%	80.00	0.8110
7	Gram	620	9%	270.00	2.7380
8	Mustard	826	12%	360.00	3.6500
9	Coriander	482	7%	210.00	2.1290
10	R.Fodder	69	1%	135.00	1.3690

- 5 (a) Cost per hect/Acre of annual gross irrigated area i.e. C.C.A. 3.48 Lacs per ha
- (b) Cost per M. Cum/M.cft. of live storage 541.14 Lacs/MCum
- 6 (a) Financial return at the end of year after completion
- (b) If the project is "Unproductive" what are special grounds for under taking it. B.C. Ratio of the project is Rs...1.56:1, Hence the project is productive.
- 7 Has the project report been prepared after detailed investigations and is available, if required. -yes-
- 8 Has the detailed project report been examined and cleared by the state Irrigation Department. -yes-