

Technical Report

Name of Work: - Construction of Mansa Mata Anicut near village kho Gram Panchayat. Manaksas Tehsil Udaipurwati District. Jhunjhunu.

The proposed Anicut site is situated near village Kho Gram Panchyat Manaksas Tehsil Udaipur wati District Jhunjhunu. This anycut is proposed on local river / nalla Kho which originates from local hills of Mansa Mata & Mandawara hills and this nalla merges in to Kantli River. The latitude and longitude of the proposed site are $27^{\circ}-47'-0''$ and $75^{\circ}-38'-15$ respectively.

There is keen demand from Public of village Kho, Manaksas, Gura. This project is also included in the Chief Minister Budget Announcement 2013. Feasibility report and estimate has been prepared and a Provision for Forest Land 11.473 Ha coming under submergence of Anicut, body has been taken for Rs 83.0 lacs. One BT road of PWD department is on the verge of submergence line, hence for its protection provision of protection wall in a length of 160 meter is taken in this estimate.

The Estimated cost of proposed Anicut is Rs. 860.00 Lakh including 24.0% prorated charges and it is based on the B.S.R. year-2011 of water resources Department, District Jhunjhunu.

The total gross catchment area of the proposed Anicut is 10.84 Sq. km. The yield of free catchment area is more than the water proposed to be tapped in this Anicut. This Anycut have sufficient self catchment for filling and it is feasible. The height of proposed Anicut is 8.00 m from the deepest nalla bed and storage capacity is 0.3242 Mcum (11.45 Mcft) at R.L. 106.75 m.

After construction of this Anicut Re-charge of well and ground water level will be increases and it will also help to Restore the drinking water facility for cattles as well as human being of villages ,Manakasas, Gura. The increased ground water is useful for irrigation purpose for farmer's also. There are more than 80 % family belong to weaker

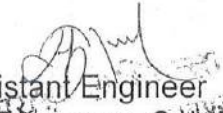
section benefited by this proposed Anicut. Any other W.H.S/ Anicut is not situated near by the Kho village.


The Technical data's of Anicut are as follow

1	Gross catchment area	10.84 Sq. Km
2	Free Catchment area	10.84 Sq. Km
3	Maximum Flood Discharge	108.0 MCUM
4	Over flow length	96.0M
5	Non over flow length	10.0M
6	FTL	106.75 M
7	MWL	107.50M
8	TBL	109.0M
9	Average Nalla Bed	98.75 m
10	Storage Capacity	0.3242 Mcum (11.45 Mcft)
11	Free Board	1.50 Meter
12	Flood Lift	0.75 Meter
13	Type of structure	Pucca Structure

14. *length of Protection wall - 160 m.*

This estimate is submitted for issuing Administrative sanction and Financial Sanction. An early sanction to this estimate is solicited please.


Assistant Engineer
Water Resources Sub Division
Jhunjhunu


Executive Engineer
Water Resources Division
Sikar