

PROJECT REPORT

An Estimate amounting to Rs436.25lacs has been framed to cover probable cost for Construction of Mansa Mata Anicut near village kho Gram panchayatManaksas Tehsil Udaipurwati District Jhunjhunu is prepared. The proposed Anicutis situated near village Kho, Gram PanchyatManaksas, Tehsil Udaipurwati and District Jhunjhunu. This dam is proposed on local river/nallaKho 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°-47'-10.53'' and 75°-37'-38.90'' respectively. This site is 22 km from tehsil head quarter Udaipurwati.

Local public and public representatives of Udaipurwati are constantly demanding for construction of this anicut which is included in the Chief Minister Budget Announcement 2019.

This work site is completely situated on forest land in which 11.34 Ha forest land coming under submergence, embankment and Byewash. 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 200 meter is taken in this estimate. An Earthen embankment of length 145 mtr (chainage 125 mtr to 270 mtr) having side slope U/S 3:1 and D/S 2:1 and Bed bar of 50 mt (Chainage 0 to 50 mt) is also taken in this estimate. To prevent seepage losses, Cot having 4.00 m base and side slope 1:1 is provided in earthen embankment. Filter toe and horizontal sand blanket of 600 mm are also taken in this estimate.

After construction of this Anicut Re-charge of wells and ground water level will be increases and it will also help to restore the drinking water facility for cattle as well as human being of villages Manakasas, Kho, Gura and surrounding habitation. The increased ground water is useful for irrigation purpose for farmers also.

This Estimated is prepared on the basis B.S.R.-2014 WRD, District Jhunjhunu.

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
4	Submergence Area, Dam area and bye wash area	11.34 Hact
3	Maximum Flood Discharge	154.30 cumecs
4	Bye wash length	50.00 M
5	Earthen embankment	145 M
6	FTL	455.50 M
7	MWL	457.00 M
8	TBL	458.50 M
10	Storage Capacity	0.5221Mcum (18.45 Mcft)
11	Free Board	1.50 Meter
12	Flood Lift	1.50 Meter
13	Type of structure	Earthen

Place: Sikar
Date: 25-07-2020


अधिशायी अभियन्ता
जल संसाधन, खण्ड, सीकर

(Bhola Ram Jat)
Executive Engineer
Water Resources Division, Sikar

Countersigned
Divisional Forest officer
.....Forest Division
Office Seal.....