

KOSI BARRAGE FOR DRINKING WATER SUPPLY TO ALMORA CITY

54.25m long Barrage, is constructed across river Kosi at Almora to provide Drinking Water to about 1 lac 30 thousand people of Almora City and near by Hawalbag block. The reservoir formed will have a capacity of about 0.40 million cubic metre. The Detailed Project Report for Kosi Barrage has been prepared by the Indian Institute of Technology ROORKEE in July 2012. The salient features of the proposed Project are:

Salient Features:

Name of River	:	Kosi River
Design Discharge for Barrage	:	1200 Cumec
Total Width of Barrage	:	54.25 M
Capacity of Reservoir	:	0.40 MCM
Length of Reservoir	:	2.0 km
No. of Bays	:	5 Nos.
Width of each Bay	:	9.25 M
No. of Piers	:	4 Nos.
Type of Gates	:	Vertical Gates
Size of Gates	:	9.85m(Width)X8.20m(Height)
River Bed Level	:	1126.5 M
High Flood Level	:	1131.75 M
Maximum Pond Level	:	1135.00 M
Top of Wing Walls	:	1135.60 M
Land Acquisition		
Forest Land	:	0.525 Hectare
State Land	:	8.683 Hectare
Total Land	:	9.208 Hectare
Power Generation	:	600 Kw

A VIEW OF KOSI BARRAGE



