



Jammu and Kashmir Forest Department
OFFICE OF THE DIVISIONAL FOREST OFFICER
RAMBAN FOREST DIVISION, RAMBAN

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Full Title of the Project: Sawalkot HE Project (1856 MW) Hydro Electric Project to generate 1856 MW Electricity.
File No: FP/JK/HYD /150591/2021
Date of Proposal: 31-12-2021

RECOMMENDATIONS WITH JUSTIFICATION

The Sawalkote Hydroelectric Project (1856 MW) envisages harnessing hydropower potential of River Chenab in the reach downstream of Baglihar HEP and upstream of Salal HEP. It is located in the Ramban, Batote, Mahore and Udhampur Forest Divisions of Ramban, Reasi and Udhampur Districts of Jammu and Kashmir UT. The project involves a roller compacted concrete Dam of 192.5 m height from deepest foundation, River diversion scheme for monsoon diversion consisting of 3 Numbers of diversion tunnels on the right bank and upstream and downstream coffer dams, 3 numbers of power intakes, 3 numbers of short headrace tunnels, 8 numbers of pressure shafts and underground power house complex housing 8 numbers of generating units of 225 MW each and 1 number of generating unit of 56 MW (for Environmental Flow), 4 numbers of tailrace tunnels and a pothead yard. The poer potential of the Hydroelectric Project is 1856 MW. Out of total output, 13 % free power will be provided to the State. The location has been selected after detailed geo-technical and geological studies. The project entails not only hydro power generation in Power-deficit region but also to cater to the drinking water requirement along with meeting the irrigation demand, hence, paving the way for overall socio-economic development of different regions of Ramban, Reasi and Udhampur Districts of Jammu and Kashmir UT. The project will also unleash the agricultural potential of the otherwise barren regions and will benefit thousands of souls. Therefore, in view of the underlying urgency and fact that the project has national strategic importance, it is recommended that the project be granted the Stage-I or In-Principle approval subject to certain terms and condition as imposed by MoEF & CC after removal following shortcomings/deficiencies.

1. Approval of the Catchment Area Treatment (CAT) Plan.

2. Environment Clearance under the Environment (Protection) Act 1986 as per the actual area.
3. Submission of revised Cost Benefit Analysis document after reconciling of final figures of compensatory levies of NPV, CA, Addl CA etc of all Four Division.


27.9.23
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Ramban