



STATE POLLUTION CONTROL BOARD – SIKKIM
DEPARTMENT OF FOREST, ENVIRONMENT & WILDLIFE MANAGEMENT
GOVERNMENT OF SIKKIM
DEORALI, GANGTOK.

PUBLIC HEARING NOTICE

M/s KHC Lethang Hydro Project Private Limited proposes to construct a 96 MW hydro-electric project by harnessing the water of Rathang Chu River, a tributary of Rangit in the West District of Sikkim. The Salient features of the project are as under:

96 MW LETHANG HYDRO ELECTRIC PROJECT

SALIENT FEATURES:

LOCATION

State	Sikkim
District	West Sikkim
River	Rathang chu river
Nearest Village	Lethang village
Latitude-Diversion site	27 ⁰ 23' 18" N
Longitude-Diversion site	88 ⁰ 12' 48" E
Nearest Airport	Bagdogra – 145 km
Nearest Railway	New Jalpaiguri (BG) – 130 km
Nearest National Highway Road	National Highway – 31 A
Catchment area	360 km ²
Snow fed catchment area	160 km ²
Total annual inflow in 90% dependable year	686.20 10 ⁶ m ³
Minimum ecological water release taken	m ³ /s 0.55
Maximum normal reservoir level	1575.0 m
Total storage volume	10 ⁶ m ³ 0.074
Type	Surface
Design Flood Level	1575.00
Gate type and size (H x W)	Radial, 20 x 9.25 m
Number	3
Flood Discharge Capacity (N-1)	1844 m ³ /s
Diversion Tunnel (D-shape) Length, Diameter	2,754.5 m
Height of Cofferdam	12.5 m
Gate number	1
Type	Fixed Wheel

Number of openings	1
Nominal discharge	38.43 m ³ /s
Service Gate	
Number	1
Type	Fixed wheel
Desilting Basins	
Type	Underground
Number of Desilting basins	2 nos.
Head Race Tunnel	
Excavated Shape	Horse Shoe
Length	2236
Adits	
Number of Adits	3
Type and Size	D-shape, 4.5 m
Surge Shaft	
Vertical Shaft	Underground
Top elevation	1595.5 m.a.s.l
Total height	48.8 m
Valve Chamber	
Type and Number	Underground, One
Pressure Shaft	
Type	Underground
Number	One
Unit Pressure Tunnels	
Number	3
Unit tail Race Tunnels	
Number	3
Power House	
Type	Underground
Turbine type	Francis
Number of units	3
Inlet valve type	Spherical
Number	3
Transformer Hall Carvern	
Transformer type	3 phase
Unit capacity	40 MVA
Main Tail Race Tunnel	
Number	1
Nominal discharge	34.94 m ³ /s
Potyard	
Type	Outdoor
a) Total Forest Land	9.629 ha
b) Total Private Land	15.00 ha
Total Land Required (A+B)	24.629 ha
Civil Works including pre-operative works	Rs. 312.00 crores
Total Project Cost (with transmission lines)	Rs. 547.09 crores
Construction Period	44 months

Whereas by notification of the Govt. of India in the Ministry of Environment & Forest, Govt. of India No. S.O. 1533 (E) dated 14th September 2006 issued under sub-section (1) and clause V of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 read with clause (d) of sub-rule (3) of Rule 5 of Environment (Protection) Rules, 1986 and in suppression of the notification no. S.O. 60 (E) dated 27th January 1994 as made mandatory under part II, section 7, sub-section 3 dated 14th September 2006, the State Pollution Control Board is required to conduct Public Hearing in the interest of the public for preparing recommendations based on the technical assessment of documents and data furnished by the Project Authorities for obtaining necessary environmental clearance from MoEF, Govt. of India. Therefore notice is hereby given to all concerned persons, having a plausible stake in the environment aspects of the project or activity and to provide responses in writing or by participating in the public hearing to be conducted on 16/09/10 at Yuksom Block Administrative Centre Parking Yard, Yuksom, West Sikkim at 11.00 A.M. onwards. Any person having plausible stake in the environmental aspects of the project or activity can submit their responses before the hearing date which may be addressed to the Member-Secretary, State Pollution Control Board-Sikkim, Department of Forest, Environment & Wildlife Management, Govt. of Sikkim, Deorali, Gangtok. Further access to the details of the project/executive summary, has been made available in the web-site www.sikensis.nic.in and at the offices of the State Pollution Control Board- Sikkim, Deorali, Gangtok, Office of the District Collector (West) Gayzing, District Industry Office, Gayzing, West Sikkim and Zilla Parisad Bhawan, Gayzing, West Sikkim.

Sd/-
Member Secretary,
State Pollution Control Board-Sikkim
Department of Forest, Env. & W/L Management
Government of Sikkim
Deorali – Gangtok.