

## SITE INSPECTION REPORT

The proposal for diversion of forestland for non forestry purpose was received from M/s Gekam Power Private Limited for development of Rassing Hydro Electric Project (12 MW) located at Rassing village in Sagalee Forest Division, Papum Pare District vide proposal no **FP/AR/HYD/48835/2020**. The site inspection of the land involved in the proposal has been done by me on dated 29<sup>th</sup> August, 2020.

**The specific observation was made during the inspections: -**

1.	Legal status of the forest land proposed for diversion.	:	Un-classed State Forests (USF)		
2.	Item wise breakup details of the forest land proposed for diversion.	:	Sl No	Component	Area in Ha
			1.	Submergence	0.06
			2.	Barrage Area	0.27
			3.	Desilting Tank	0.05
			4.	Feeder Channel	0.05
			5.	Intake Road to Dumping	0.25
			6.	Dumping Area-I	0.82
			7.	HRT (Underground area)	0.10
			8.	Adit(Underground area)	0.73
				<b>Total</b>	<b>2.33</b>
3.	Whether proposal involves Construction of buildings (i/c residential) or not if yes, details thereof	:	Yes, Details as under: 1. Residential Buildings: Colony 2. Non-Residential Buildings: Workshop & Store		
4.	Total cost of the project at present rate.	:	Rs. 16500 Lakhs		
5.	Wildlife, Whether forest area proposed for diversion is important from wildlife point of view.	:	No		
6.	Vegetation	:			
a)	Total No. of trees to be felled	:	FRL		60 Nos
			Other than Submergence		371 No
			FRL-2m		36 No
			FRL-4m		30 Nos
			Total		497 Nos
b)	Effect of removal on the general ecosystem of the area	:	No adverse effect on the general ecosystem of the area.		
c)	Important species	:	Hollock ( <i>Terminalia myriocarpa</i> ), Sopa ( <i>Magnolia spp</i> ),Bonsum( <i>Phoebe hainesiana</i> ), Bola ( <i>Morus lavigata</i> ), Chapak ( <i>Michelia champaka</i> ), Bohera ( <i>Terminallia belerica</i> ), Alder ( <i>Alnus Nepalensis</i> ), Hingori ( <i>Castonopsis indica</i> ), Makrisal ( <i>Scimawalliichii</i> ), Jati Poma ( <i>Toona Ciliata</i> )		
d)	No. of trees to be felled below 60cm girth	:	220 nos		
e)	No. of trees to be felled above 60cm girth	:	277 nos		

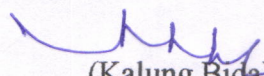
7.	Background note on the proposal	: Ressing Hydro Electric Project (12MW) proposed to be developed in River Pare in Ressing Village of Sagalee Forest Division in Papum Pare District of Arunachal Pradesh. The project is under the 'run-of-river' scheme that relies on the strength of the river's flow to drive turbines. To provide significant amounts of electricity in this way requires a fast-flowing river, usually found in steep terrain or where a large stream is confined in a narrow bed.  The various infrastructure facilities like Barrage site, Feeder Chanel, Delisting tank, Muck dumping site 1, Barrage road and Head Race Tunnel (HRT) are to be located in the proposed forest area and Surge shaft, Penstock, Muck dumping site 2, Adite road, Switch Yard and most important Power house is located in private land.  The annual power generation shall be 81.99 MU and project is projected to be complete in 3 Years from the date of receipts of all the statutory clearances such as Forest & Environment, Techno-economic clearance (TEC) & Land Acquisition.
8.	Details of compensatory afforestation	:
a)	Whether land for compensatory afforestation is suitability from management point of view.	: Yes, identified land is suitable from plantation and management point of view.
b)	Whether land for compensatory afforestation is free from encroachment & other encumbrances.	: Yes, land for compensatory afforestation is free from encroachment & other encumbrances.
c)	Land identified for compensatory afforestation is in how many patches; whether Patches are compact or not.	: Land identified for compensatory afforestation is a one compact patch (3.0 ha) in Langruk VFR under Lepoiang Forest Rang.
d)	Map With details	: Enclosed SoI map 1:50000 scale.
e)	Total financial outlay.	: Rs. 9,77,400/-
9.	Whether any work in violation of Forest Conservation Act 1980 or not? if yes, detailed report on violation including action taken against concerned officials.	: No
10.	Whether the proposal of involves rehabilitation of displaced persons. If yes, whether rehabilitation plan has been prepared by the State Govt. or not. Details to be furnished, specifically if rehabilitation plan would affect any other forest area by Trans-locating trees in and around the said forest?	: No
11.	Reclamation plan: details and Financial Allocation	: Nil



12.	Details on catchment and command are under the project. Catchment area Treatment plan to prevent situation of reservoir.	:	118.63 Sq.km Catchment area Treatment plan are attached.
13.	Cost benefit ratio	:	Not applicable
14.	Recommendation of the Principal Chief Conservator of Forest along with detailed reasons.	:	
15.	Recommendation of the Regional Chief Conservator of Forest along with detailed reasons.	:	
16.	Regional chief Conservator of Forests shall give detailed comments on whether there are any alternative routes/alignment for locating the project on the non-Forest land.	:	
17.	Utility of the project. No. of Scheduled Caste/Scheduled Tribes to be benefited by the project	:	This of project would annually generate 81.99 MU. The project is the projected construction phase of this 3 years. With the commissioning of this project, power scenario of the State will considerably improve which will be a boost to the economy of the State. It will also open windows for employment generation both as work force during project construction as well facilitate local entrepreneurs to set up industries availing the power generated from the project.
18.	Whether land being diverted has any socio-cultural/ religious value.  Whether any sacred groove or very old growth trees/forests exist in the area proposed for diversion	:	No
19.	Whether the land under diversion forms or part of any unique eco-system.	:	No
20.	Situation w.r.t. any P.A	:	No, 10 Km radius map showing the distance from protected area enclosed.
21.	Any other information relating to the project.	:	-

Date: 31.08.2020

Place: Sagalee

  
(Kalung Bida)  
Divisional Forest Officer,  
Sagalee Forest Division  
Sagalee  
Divisional Forest Officer  
Sagalee Forest Division