

## JOINT INSPECTION REPORT

### (Parshanti Hydro Energies Pvt. Ltd. 0.5MW Lingti SHEP)

The Joint Inspection of Parshanti Hydro (Lingti 0.5MW SHEP), was conducted jointly by the representatives of the Divisional Forest Officer, the Range Officer and Naib Tahsildar Palampur, dated 09-01-2014, along with the supporting staff and representatives of M/s Parshanti Hydro Energies Pvt. Ltd, Sai Sankalp, Bagher Road, Panchrukhi, Tehsil Palampur, District Kangra, Himachal Pradesh - 176103. developer of the 0.5MW Lingti Small Hydel Power Project, located on the Lingti Khad, a tributary of Neogal Khad near Village Rakh, Tehsil Palampur, Distt. Kangra, Himachal Pradesh. The undersigned have jointly inspected the areas proposed for diversion for the aforesaid project, which lies in Tehsil Palampur, Distt. Kangra, H.P.

The survey for the above mentioned project was conducted on **3-different routes / alternatives, that is – (Route / Alternative No.1, Route / Alternative No. 2 and Route / Alternative No. 3)**. We have explored all the possibilities during the outside visit, we have observed that the Route No. 1 has more forest land with trees and Route No.3 has Private lands with trees. Hence these 2-alternative routes were rejected. We have proposed **Route No.2**, which involves minimum forest & government land, with no trees and no private land. **Total land area 01-11-77 hectares** involved for the project is inclusive of transmission lines and road up to the powerhouse.

The project requires **01-11-63 hectare of Forest Land & 0-00-14 hectare of Government land**, totaling to a **total project land area of 01-11-77 hectares**, for the construction of different components viz., Intake on Lingti Khad, Desilting Tank, Power Pipe, Powerhouse, Switchyard, Muck Dumping Sites, Approach Road to the Power House and Transmission Line from Power House to the Interconnection point.

The width of the transmission line proposed to be acquired is 7 m right of way and the height is 11 meter. The transmission line from the Project shall be built from the proposed Power House to the Inter Connection Point. The Approach Road shall follow the village track for most of the length and thereafter the transmission will also be laid on the road alignment.

The Joint Inspection team has examined all the alternatives / routes with a view to avoid / minimize the use of forest & government land and also to not to encroach upon any private land and hence we have come to the conclusion that, the land of the below mentioned **Khasra Nos. of forest land & govt. land** is available and is the barest minimum requirement for the proposed project and so is absolutely essential.

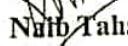
**COMPONENT WISE AREA REQUIRED FOR THE CONSTRUCTION OF LINGTI SMALL HYDRO PROJECT (500 kW) TO BE BUILT ON  
LINGTI KHAD IN GRAM PANCHAYAT RAKH, TEHSIL PALAMPUR, DISTRICT KANGRA (H.P.)**

SL. NO.	COMPONENT / DESCRIPTION	MOHAL	KHASRA NO.	AREA / LAND TO BE DIVERTED			CLASSIFICATION OF FOREST LAND
				AREA IN FOREST LAND (in Ha.)	AREA IN GOVT. LAND (in ha.)	AREA IN PRIVATE LAND (in Ha.)	
1	WEIR SITE / INTAKE	RAKH	1932 / 7	0-01-50	-	-	Jungle Mehfooja Gair Mehduda
2	CONVEYANCE CHANNEL TO D-TANK	RAKH	1932 / 6	0-00-30			Jungle Mehfooja Gair Mehduda
3	DESILTING TANK	RAKH	1932 / 4	0-02-00			Jungle Mehfooja Gair Mehduda
4	SILT FLUSHING PIPE	RAKH	1932 / 5	0-00-10			Jungle Mehfooja Gair Mehduda
5	DUMPING SITE - I	RAKH	1932 / 2	0-01-50			Jungle Mehfooja Gair Mehduda
6	POWER PIPE	RAKH	1932 / 1	0-06-30			Jungle Mehfooja Gair Mehduda
7	DUMPING SITE - II	RAKH	2014 / 9	0-01-50	-	-	Jungle Mehfooja Gair Mehduda
8	POWER PIPE	RAKH	2014 / 8	0-06-22	-	-	Jungle Mehfooja Gair Mehduda
9	DUMPING SITE - III	RAKH	2014 / 7	0-02-21	-	-	Jungle Mehfooja Gair Mehduda
10	POWER PIPE	RAKH	2014 / 4	0-04-95	-	-	Jungle Mehfooja Gair Mehduda
11	POWER HOUSE COMPLEX	RAKH	2014 / 3	0-10-09	-	-	Jungle Mehfooja Gair Mehduda
12	DUMPING SITE - IV	RAKH	2014 / 2	0-01-53	-	-	Jungle Mehfooja Gair Mehduda
13	ROAD	RAKH	2014 / 1	0-00-70	-	-	Jungle Mehfooja Gair Mehduda
14	POWER PIPE	RAKH	1858 / 2	0-02-31	-	-	Jungle Mehfooja Gair Mehduda
15	POWER PIPE	RAKH	1802 / 1	0-00-10	-	-	Gair Mumkin Khad
16	ROAD / TRANSMISSION	RAKH	1800 / 1	0-12-04	-	-	Jungle Mehfooja Gair Mehduda
17	DUMPING SITE - V	RAKH	1800 / 2	0-00-75	-	-	Jungle Mehfooja Gair Mehduda
18	STAFF QUARTERS	RAKH	1800 / 4	0-07-50	-	-	Jungle Mehfooja Gair Mehduda
19	ROAD / TRANSMISSION	RAKH	1801 / 1	-	0-00-14	-	Gair Mumkin Kuhl
20	ROAD / TRANSMISSION	RAKH	1647 / 1	0-27-51	-	-	Jungle Mehfooja Gair Mehduda
21	DUMPING SITE - VI	RAKH	1647 / 2	0-01-00	-	-	Jungle Mehfooja Gair Mehduda
22	TRANSMISSION LINE	RAKH	1643 / 1	0-03-78	-	-	Charagah Darakhtan
23	TRANSMISSION LINE	RAKH	1633 / 1	0-17-74	-	-	Gair Mumkin Khad
<b>TOTAL</b>				<b>01-11-63</b>	<b>0-00-14</b>	<b>-</b>	<b>HACTARE</b>

45

  
Sub Divisional Officer (Civil)  
Palampur  
(Civil) Palampur (H.P.)

  
Divisional Forest Officer  
Palampur (H.P.)

  
Naib Tahsildar  
Palampur

  
Range Officer  
Palampur  
PALAMPUR

NAIB  
PALAMPUR

PRASHANTI HYDRO ENERGIES

  
Authorised Signatory

Director

Prashanti Hydro Energies (P) Ltd.

Sai Sankalp, Bagher road, Panchrukhi

Palampur, Distt. Kangra, H.P.