

JOINT INSPECTION REPORT

IN THE RESPECT OF LAND REQUIRED FOR THE PROPOSED 01 MW CHANED SHEP PROJECT AT KOHLARI NALLA DISTRICT CHAMBA (HP)

A Joint inspection of proposed for project site for proposed **01 MW CHANED SHEP PROJECT** was conducted on 01/10/2020 by the committee of undersigned officers. This is being constructed by M/S **OHP Project Pvt. Ltd.** The project envisages generation of **01 MW** of electricity by utilizing the water of Kohlari Nallah in Chaned, in Distt. Chamba. This is on the run of Kohlari Nallah Project, tributary to Ravi River. The water of Kohlari Nallah will be diverted through one diversion weir and water of Kohlari Nallah will be taken through 1250 Meters long Power channel (Pipeline). The water from this channel is received in Forebay and then through 125 Meters long penstock to Power House and after generation of electricity the water will be released again into the Kohlari Nallah below Power House. The project will utilize a total of **0.6708 Ha** of land out of which **0.5684 Ha** is Government / forest land and remaining **0.1024 Ha** is private land. The company has projected a demand for diversion of 0.5684 Ha of Government / Forest land under provisions of forest Conservation Act, 1980.

During the course of Joint Inspection, Two alternatives were examined as presented on the spot by the representative of the company. In **Alternative-I**, This is mainly on a left bank alternative which involves 0.5684 Ha of Government / forest land and 39 trees are involved. In this alternative, the water conductor systems consists of power channel (1250 mtrs) thus reducing the total length of water conductor system and thereby reducing the requirement of forest land. It also avoids steep areas & reduces cutting of large number of trees. In **Alternative-II**, which is on the left bank of the Kohlari Nallah. The left bank has exposed rocky strata at diversion weir site. It involves 0.82 Ha of forest land and 70 trees and also passes through steep, loose strata and sliding areas. In this alternative length of water conductor system is more and less gross head is available for power generation and cost of civil structure is more, **Alternative-III** which is not feasible at all & hence committee decided & opted for **Alternative-I** for the project.

The Project will generate muck to the total of muck of 7280.67 cubic meters which after applying 40% swell factor on the muck generated which becomes 2912.26 Cubic meters total of muck generated including swell factor 10192.93 Cubic meters, out of this muck generated 6115.76 will be utilized locally and behind the retaining walls etc. The remaining 4077.17 cubic meters muck will require safe disposal for which 3 No. dumping sites have been identified. The capacity of these dumping sites has been calculated as 4382.00 cubic meters which will be sufficient for holding the quantity of the muck to be disposed off. Khasra number wise details are given as under :-

S.No	Component	District	Tehsil	Name of Mohal	Khasra Number	Classification as per Revenue record.	Forest Area proposed for Diversion (Ha)	
							B-B-B.	Hect.
		2	3	4	5	6	7	8
1	Road	Chamba	Chamba	Bhanota	1090/795/1	Chargaha Darktan	00-09-10	0.0380
2	Road cum Transmission	Chamba	Chamba	Bhanota	837/11	Chargaha Darktan	00-14-00	0.0566
3	Road	Chamba	Chamba	Bhanota	835/3	Gair mumkin kuhl	00-00-07	0.0014
Total area of road and Transmission							01-03-17	0.0964
4	Weir site	Chamba	Chamba	Bhanota	938/918/1	Gair mumkin khad	00-11-00	0.0444
Total area of Weir site							00-11-00	0.0444
5	Desilting Tank	Chamba	Chamba	Bhanota	915/2	Chargaha Darktan	00-02-02	0.0085
Total area of Desilting Tank							00-02-02	0.0085
6	Forebay Tank	Chamba	Chamba	Bhanota	837/4	Chargaha Darktan	00-01-12	0.0065
Total area of Forebay Tank							00-01-12	0.0065
7	Pen Stock	Chamba	Chamba	Bhanota	837/2	Chargaha Darktan	00-03-00	0.0120
Total area of Pen Stock							00-03-00	0.0120
8	Power House/ Switch yard/ Tail Race channel	Chamba	Chamba	Bhanota	837/1	Charagah Darktan	01-06-09	0.1068
Total area of Power House							01-06-09	0.1068
9	Tailrace	Chamba	Chamba	Bhanota	837/7	Charagah Darktan	00-00-15	0.0030
Total area of Tail Race							00-00-15	0.0030
10	Dumping site-I	Chamba	Chamba	Bhanota	837/6	Chargaha Darktan	00-05-00	0.0202
11	Dumping site-II	Chamba	Chamba	Bhanota	837/3	Chargaha Darktan	00-01-12	0.0064
12	Dumping site-III	Chamba	Chamba	Bhanota	917/3	Chargaha Darktan	00-02-00	0.0080
Total area of Dumping site							00-08-12	0.0346
13	Pipe line	Chamba	Chamba	Bhanota	915/3	Chargaha Darktan	00-02-14	0.0118
14	Pipe line	Chamba	Chamba	Bhanota	837/5	Chargaha Darktan	00-00-04	0.0008
15	Pipe line	Chamba	Chamba	Bhanota	864/1	Chargaha Darktan	00-01-00	0.0040
16	Pipe line	Chamba	Chamba	Bhanota	865/1	Gair Mumkin Rasta	00-00-04	0.0008
17	Pipe line	Chamba	Chamba	Bhanota	891/1	Chargaha Darktan	00-05-04	0.0210

18	Pipe line	Chamba	Chamba	Bhanota	899/1	Chargaha Darktan	00-07-06	0.0294
19	Pipe line	Chamba	Chamba	Bhanota	835/1	Gair mumkin Kuhl	00-00-08	0.0016
20	Pipe line	Chamba	Chamba	Bhanota	902/1	Gair mumkin kuhl	00-00-04	0.0008
21	Pipe line	Chamba	Chamba	Bhanota	910/1	Gair mumkin Kuhl	00-13-12	0.0550
22	Pipe line	Chamba	Chamba	Bhanota	915/1	Chargaha Darktan	01-07-12	0.1116
23	Pipe line	Chamba	Chamba	Bhanota	916/1	Gair mumkin Kuhl	00-00-04	0.0008
24	Pipe line	Chamba	Chamba	Bhanota	938/918/4	Gair mumkin Khad	00-00-08	0.0016
25	Pipe line	Chamba	Chamba	Bhanota	917/1	Chargaha Darktan	00-00-04	0.0008
26	Pipe line	Chamba	Chamba	Bhanota	837/8	Chargaha Darktan	00-04-04	0.0170
Total area of Pipe Line							03-03-08	0.2562
Total area of all component of the Project							07-00-15	0.5684

Handwritten signature
NAB TEHSILDAR
 District Chamba (HP)
Handwritten notes: Kailash Sach

Handwritten signature: Bharti
Divisional Forest Officer
 Dainousie Forest Division
 Distt. Chamba

Handwritten signature: Anjay
Sr. Executive Engineer
 Electrical Division Chamba
Handwritten note: Note: As per actual site visit there is no HT/LV line over the area shown to us. If in case there may be any changes and any HT/LV line comes in the proximity the shifting charges & right of way is to be provided to the applicant only.
 Pradhan Gram Panchayat
 Bhanauta,
 Teh & Distt Chamba

Handwritten signature: Basley
Executive Engineer,
 Chamba Division,
 HPPWD Chamba

Handwritten signature
J.E.E.,
 Pollution Control Board
Jr. Environmental Engineer
 Chamba Division
H.P. State Pollution Control Board Chamba - 176310

Handwritten signature: Anurag
उप प्रधान
 ग्राम पंचायत बनौला
 ब्लॉक चम्बा तह० व
 जिला चम्बा (हि०प्र०)

For OHP Project Pvt. Ltd.
 OHP Project Pvt. Ltd.
Auth. Signatory

Handwritten signature
Executive Engineer
 Chamba Division
 H.P.P.W.D. Chamba

Handwritten signature
Sub Divisional Officer (o)
 Chamba Distt. Chamba

DIVERSION OF 0.5684 HA. OF FOREST LAND FOR CONSTRUCTION OF CHANED SMALL HYDRO PROJECT (1 MW) IN DISTRICT CHAMBA (H.P.)

FILE NO. : FP/HP/HYD/138838/2021

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER – 19

CERTIFICATE FOR NON VIOLATION OF FCA 1980

It is to certify that I, Yuvraj Thukral, Authorised Signatory of M/s OHP Project Private Limited having its office at Village Tadoli, P.O. Saru, Tehsil & District Chamba H.P. – 176310, have applied for diversion of 0.5684 ha. of forest area for the purpose of execution of Chaned Small Hydro Power Project (1 MW) in District Chamba.

I, hereby ensure that there is no violation of FCA, 1980 and no construction activity shall be started at the proposed site till the area is not diverted in the name of M/s OHP Project Private Limited.

For OHP Project Private Limited

For OHP Project Pvt. Ltd.


Auth. Signatory

Authorised Signatory

Place : Chamba

Dated :

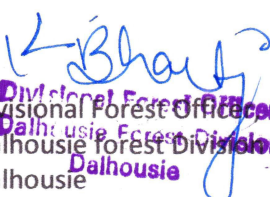
Countersigned by :


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie

CHECK LIST SERIAL NUMBER:-21

**JOINT CERTIFICATE REGARDING NON-AVAILABILITY OF NON FOREST LAND FOR RAISING
COMPENSATORY PLANTATION**

Certified that no non forest land is available for raising compensatory plantation. As such the compensatory afforestation shall be done in degraded forest land on ~~two~~ ^{four} time the area being diverted for the construction shall be done in degraded forest land on ~~four~~ ^{four} time the area diverted for the Construction of Small Hydro Electric Project (SHEP) 01 MW at Chaned in Tehsil & Distt (HP) to be constructed by OHP Project Private Limited in Chamba District Himachal Pradesh.


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie


SDM
Chamba Distt. Chamba
Sub-Divisional Officer (a)
Chamba Distt. Chamba


Deputy Commissioner,
Chamba Distt. Chamba H.P.

Chief Secretary,
to the Govt. of Himachal Pradesh