

# **PROPOSAL FOR DIVERSION**

**OF**

**1.0188 HACTARE FOREST LAND  
UNDER FCA, 1980**

**FOR THE CONSTRUCTION OF**

**BANUALA BAROOND -I (2 MW)  
CHURAH , DISTRICT CHAMBA (H.P.)**

**UNDER**

**CHAMBA FOREST DIVISION**

**DISTRICT CHAMBA (H.P.)**

**SUBMITTED BY:-**

**M/S GYATRI HYDEL PROJECTS PVT.LTD.  
MOHALLA CHARPAT TEHSIL & DISTRICT  
CHAMBA (H.P.) 176310**

## CHECK LIST

### PROPOSAL FOR THE DIVERSION OF FOREST LAND FOR NON-FORESTRY USE UNDER FOREST (CONSERVATION) ACT, 1980

Sl. No.	Name of the Document (s)	Provided or Not	If Not Provided, Why?	Page Number
1.	2.	3.	4.	5.
1.	Check list of project proposal	Yes		1 to 6
2.	Main application Form from Part-I to V as prescribed in the rules under Forest (Conservation) Act, 1980 with all its columns duly filled up and signed by the competent authority with date, place and their official seal. All the information of <b>Part- I</b> of the <b>Form A</b> including <b>Item-wise Breakup</b> of the forest area required must be given in the Form itself by expanding the columns	Yes		7 to 21
3.	Detail note on the project. It must include the information regarding the number of village and number of persons to be benefited from the project including employment generation.	Yes		22 to 25
4.	Map of the project site / forest area demanded clearly showing forest boundaries and adjoining areas with their land use in distinct colors in 1:50000 or any other suitable scale on original survey of India topo sheet. <b>If the area is very small, in addition to above, an index map may be submitted showing forest boundaries and a location map on a larger scale with land use of the area required</b> duly signed by DFO and CF. concerned.	Yes		26 to 29
5.	Lay-out plan of project site. In case of linear diversions of forest land, linear map or a diagrammatic map of the project site, if it is not a linear diversion, should be enclosed	Yes		30 to 32
6.	Statement showing the details of <b>forest area involved</b> i.e. Survey No. /Coup No. Compartment No. etc. and item -wise breakup of the forest area proposed for diversion duly signed by DFO.	Yes		33
7.	Statement giving the details of <b>non-forestry land involved</b> in the proposal.(In the prescribed format)	Yes		34
8.	Certificate from the Collector/ Deputy Commissioner that no alternative suitable non-forest land is available for the project in question except in cases where the project is not proposed on the forest land and only right of way (ROW) is required	Yes		35

9.	Justification for locating the project in forest area to be given by User agency and countersigned by DFO.	Yes		36
10.	Certificate for minimum use of forest land to be submitted by User Agency giving details of areas and trees involved in the alternatives examined and reasons for their rejection duly countersigned by DFO (in prescribed format)	Yes		37
11.	Undertaking by the user agency to bear the cost of compensatory afforestation duly countersigned by the DFO (in prescribed format)	Yes		38
12.	Undertaking by the user agency to pay the Net present value(NPV) of the forest land involved duly countersigned by the DFO (in prescribed format)	Yes		39-40
13.	A certificate from the competent authority in the state that all the forest rights under the Forest Rights act 2006 have been settled in respect of the forest area proposed for diversion wherever applicable.	Yes		41 to 47
14.	Species-wise and Girth class wise enumeration list and abstract of trees. (abstract to be given at the end of the list) standing on the forest area in question neatly typed or computerized and duly signed by DFO wherever possible, English and botanical name of the vegetation should be mention.	Yes		48 to 50
15.	Site inspection report of the forest area involved in the project proposed by DFO concerned or higher level forest officer(in prescribed format). However if the area involved is more than five hect.or number of trees marked for felling is 200 or more, it should be inspected by the CF.	Yes		51
16.	Details of non-forest land / degraded forest area identified for compensatory Afforestation viz. Survey No. Compartment No., Village, Tehsil, District etc. along with map or on 1:4 mile scale along with the boundaries of adjoining areas with their land use in distinct colours.	Yes		52-53
17.	Detailed scheme for compensatory afforestation on identified non-forest area/degraded forest area at present wage rates duly signed by DFO and counter signed by the CF concerned. The CA	Yes		54 to 56

	scheme must include all the technical details, details of work scheduled, total financial outlay and proposed monitoring mechanism			54 to 56
18.	Certificate from the DFO that non-forest land selected for compensatory afforestation is in a compact block and contiguous to forest area or in close proximity of forest area and suitable from the management and protection point of view.	Yes		57
19	In case of violation of the provisions of the FCA, 1980 or any other forest act, a detailed report on violation to be submitted	No	There is no violation of the provisions of the FCA, 1980	58
20.	Certificate from the Chief Secretary regarding non-availability of non-forest land in the State for raising compensatory afforestation, where applicable	Yes		59
21.	Approval of the proposal for which diversion of forest land is proposed by the competent authority of the concerned organization.	Yes		60 to 71
22.	In case of proposal which requires entry/exit through protected forest strips along roads/Railway lines/ canals, the following information / documents must be given A) No objection certificate (NOC) of the land owning agency i.e. NHAI /PWD Railways or canals/ Irrigation departments. B) No objection certificate (NOC) in principle approval for change of land use from the Town and country Planning / Local Body or any other competent authority.	No	Not Applicable	—
II	<b>Documents/Information required for proposals for roads, railway lines, canals and Transmission lines</b>			
23.	The following information/Documents must be given In case of proposal regarding Road / Transmission line, the following information / documents must be given:- (a) Length and width of Road/Railway Line / Canals / Transmission line passing through forest and non-forests area. (b) In case of expansion of the already existing road/ Railway lines / canals, Liner Plan clearly showing in the distinct colors, the already existing width of the proposed road/ Railway Line / canals to be	Yes		72 to 75

	expanded and the remaining width of the protected forest strip, which would be left after expansion. (c) In case of transmission line:- (1) Number of towers to be erected both in forests and non-forests area. (2) Width of the right of way for transmission			72% 75
III	<b>Documents/ Information required for Proposals for Hydro Electric Projects</b>			
24.	In case of proposal regarding Hydro Electric Projects, the following information/documents must be given:- (a) Component wise total area requirement. (b) Copy of Memorandum of Understanding. (c) Copy of Techno-Economic clearance. (d) Copy of Implementation Agreement. (e) NOC from I&PH Department. (f) NOC from fisheries Department (g) Authorization to the applicant by Project Authority.	Yes Yes Yes Yes Yes Yes Yes		76% 83
IV	<b>Documents/ Information required for Proposals for Mining</b>			
25.	In case of mining proposal, the following information/documents must be given:- (a) Certificate from the competent authority like District Mining Officer /Geologist, regarding non-availability of the same mineral/ore in the nearby non-forest area. (b) Estimated reserve of each mineral/ore in the forest area and non-forest area. (c) Total area demanded and extent of forest area involved in the proposed mining lease shown in distinct colours on relevant maps. (d) Proposed period of mining lease. (e) Minimum distance of the proposed site from Wildlife Sanctuary and National Park. (f) A copy of the mining plan duly approved by IBM, Nagpur be enclosed. (g) Phased reclamation plan of the project area. (h) Copy of lease deed/agreement entered into with the district authorities. (i) The details of <b>Safety Zone Area</b> for the mining as per para 4.7 of the guidelines. The undertaking from the project authority to bear the cost of fencing the safety zone.	No	Not Applicable	

	area and afforestation over one and half times of degraded forest area. The details of safety zone to be ascertained by the competent authority viz Indian Bureau of Mines / Department of Geology and Mining of State Government.			
<b>V</b>	<b>Documents/ Information required for Proposals for Retail Outlets Oil Companies</b>			
26.	<p>In case of a retail outlet of an oil company the following information /documents must be given:-</p> <p>(a) Copy of letter of intent issued by the Oil Company.</p> <p>(b) Site selection certificate as per Government of India guidelines. The DFO should certify the distance between two retail outlets on either side of the outlet in question.</p> <p>(c) Lay-out plan showing dimensions of proposed approach road for entry and exit with clear area calculation. The area proposed for diversion should be shown in distinct colour.</p> <p>(d) The area calculation for the curves should invariably be given in the layout plan.</p> <p>(e) NOC from NHAI / PWD / Urban and Local Body .</p> <p>(f) NOC from Town and country Planning / Local Body</p> <p>(g) Certificate by the user agency to the effect that no high Tension lines is passing above the proposed site duly countersigned by DFO.</p> <p>(h) A certificate by the user agency to the effect that no LP gas godown is located near the proposed site, duly countersigned by DFO.</p>	No	Not Applicable	
27.	Status of clearance under the environment (Protection) act 1986 wherever it is required, a copy of the same / an undertaking (along with a copy of the application) that the user agency has applied for environment clearance.	No	Not Applicable	
28.	NOC of the state Pollution control Board for establishment of the project, wherever required.	No	Not Required (white category Project)	
29.	For the proposal involving diversion of the forest land where construction of buildings is proposed , the built up area and raw materials to be used should be clearly mentioned.	No		

30.	Detail scheme for the rehabilitation of the project affected persons, wherever required.	No	There is no displacement of any population	—
31.	Detail Catchments Area treatment Plan, wherever required. The CAT Plan should be prepared on the basis of actual survey of areas and its classification in various categories requiring different engineering / afforestation and other treatments in phased manner.	No	CAT plan is not applicable.	—
32.	Detail Reclamation Plan, wherever required. It should be realistic exhaustive and complete in all respects along with relevant maps in distinct colours. It should also include the details of back fillings, afforestation and execution of such works, wherever required.	Yes		84 to 90
33.	Cost benefit analysis as per the guidelines issued under forest (Conservation) act, 1980 in prescribed format, wherever required.	No	Not applicable as the area is less than 5 hect.	—
34.	Any other information/documents attached. Please specify.	Yes	NOC From DFO Wild Life	94
	a) NOC from Gram Panchayat	Yes		91-92
	b) NOC from I & PH Department	Yes		81
	c) NOC from PWD Department	Yes		93
	d) Dimension-wise detail of land required	Yes		79
	e) Revenue Record. (Parcha, Field Book & Tatima)	Yes		95 to 117

Dated : 10/2/22  
Place : Chamba

*[Signature]*  
Divisional Forest Officer,  
Forest Division Chamba  
CHAMBA-176310

Countersigned by :

Conservator of Forest

DIVERSION OF 1.0188HA.OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
 SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)  
 FILE NO. : FP/HP/HYD/148103/2021  
 DATE OF PROOSAL : 7/10/21

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FORM - 'A'

Form for seeking prior approval under section 2 of the proposals  
 by the State Governments and other authorities  
 PART-I

(To be filled up by user agency)

1. Project details:	
(i) Short narrative of the proposal and project /scheme for which the forest land is required	Banula Baroond - I SHP 2MW is a run of the river scheme which has been envisaged to utilize the water of Churkhu Nala for power generation. The Project is bifurcated in two stages Banuala Baroond-I capacity 2 MW and Banuala Baroond II 0.80MW from allotted 5 MW in same elevations. The scheme involves construction of Weir structure at EL 1990 m on Churkhu Nala and Water conductor system of 37 m length on the hill on the right bank of the Nala. Forebay has been fixed at EL 1990.69m (Top Level), wherefrom water shall be dropped through 955 m long Penstock onto the Power House at EL 1767 m. Water from the Power House shall be released into the Nala on its right bank in Gram Panchayat Charda. Power generated from the Project shall be taken LILO with the nearest 11 KV line of HPSEBL in Nakrod feeder.
(ii) Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map.	Layout Plan of the Project marked in red ink on the relevant part of the SOI Topo Sheet No. 52 D/5 is attached herewith - Scale 1: 50000
(iii) Cost of the project:	Rs. 2045 Lacs.

(iv) Justification for locating the project in forest area.				Hydro Power Projects are Site specific schemes. The Project is located in the remote area in the Lower reaches of Churkhu Nala. It is situated beyond the inhabited villages. Therefore all civil components have been conceived in the forest land.	
(v) Cost-benefit analysis (to be enclosed).				Not Applicable as the area is less than 5 Ha.	
(vi) Employment likely to be generated.				(a)27000 men days of employment will be generated in the construction of said scheme . (b) 12 persons will employed permanently after commissioning of Project.	
2. Purpose-wise break-up of the total land required:					
SL NO	MOHAL	COMPONENT / DESCRIPTION	AREA IN FOREST LAND (Sqm)	AREA IN PRIVATE LAND (Sqm)	TOTAL AREA REQUIRED (in Ha.)
1	PRABHA	WEIR SITE	65	-	0-00-65
2	PRABHA	CONVEYANCE CHANNEL	170	-	0-01-70
3	PRABHA	DUMPING SITE-I	170	-	0-01-70
4	PRABHA	D TANK CUM FOREBAY	354	-	0-03-54
5	PRABHA	PENSTOCK	3208	-	0-32-08
6	PRABHA	POWER HOUSE COMPLES AND SWITCH YARD	910	-	0-09-10
7	PRABHA	SILT FLUSHING	61	-	0-00-61
8	PRABHA	DUMPING SITE -II	142	-	0-01-42
9	PRABHA	TAIL RACE	40	-	0-00-40
10	PRABHA	ROAD	680	-	0-06-80
11	PRABHA	TRANSMISSION LINE	1906	-	0-19-06
12	PRABHA	DUMPING SITE-III	194	-	0-01-94
13	PRABHA	TRANSMISSION LINE	1962	-	0-19-62
14	PRABHA	DUMPING SITE-IV	156	-	0-01-56
15	PRABHA	DUMPING SITE-V	170	-	0-01-70
		TOTAL	10188	-	01-0188 Ha.

3. Details of displacement of people due to the project, if any:  i. Number of families. ii. Number of Scheduled Castes/Scheduled Tribe families iii. Rehabilitation plan. (to be enclosed)	Nil.
4. Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No).	No.
5. Undertaking to bear the cost of raising and maintenance of compensatory afforestation and / or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (undertaking to be enclosed).	Enclosed at page no. 11
6. Details of Certificates/documents enclosed as required under the instructions. i) NOC of the Gram Panchayat – Charda ii) Details of land requirement. iii) Undertaking in respect of compensatory afforestation. iv) Geo Reference Map v) Revenue papers	Attached at Page No. 91 Attached at Page No. 76-78 Attached at Page No. 11  Attached at Page No. 27 Attached at Page No. 95-117

Date- *Chamba*  
Place- *2/27/2022*

Signature

Ved Vyas Thakur  
Gyatri Hydel Projects P. Ltd.  
Authorised Signatory  
M/s Gyatri Hydel Projects Pvt. Ltd.  
Mohalla Charpat Tehsil  
and Distt. Chamba HP

DIVERSION OF 1.0188 HA. OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)

FILE NO. : FP/HP/HYD/148103/2021

DATE OF PROPOSAL : 7/1/21

CHECK LIST SERIAL NUMBER:-3

### **DETAIL NOTE ON THE PROJECT**

The forest land is required for the construction of the BANUALA BAROOND-I Small Hydro Electric Project (2MW) near village Bhararu, Tehsil Churah, Distt. Chamba (H.P). The scheme is proposed on the Churkhu Nala. Flow of the Churkhu Nala would be diverted through a weir to be constructed at EL 1990 m and conveyed through a 37 m long Conveyance channel upto the proposed D Tank Cum Forebay and then through 955 m long Penstock leading to a surface power house on the right Bank of Churkhu Nala. Power generated from the Project shall be done LILO with the nearest 11 kv Nakrod feeder of HPSEBL. About 170 m long road Proposed and Transmission line of 552.57 m has been proposed and some of the length of Transmission line will be along the road. The construction of the above project involves 1.0188 ha. of forest land and there is no private land involved in the Project.

The Project Comprises of the following civil works.

- Diversion Weir
- Conveyance channel
- D- tank cum forebay
- Silt flushing
- Penstock
- Powerhouse & Switch Yard
- Road
- Transmission Line
- Muck Dumping Sites
- Tail Race

With the construction of the above project, economy of the local village Paraba and surrounding villages shall get a boost.

Presently, non- renewable sources like Kerosene, Diesel and Forest wood are being used as domestic fuel. Availability of reliable and qualitative electricity shall have positive impact in the living standard of the people of the area.

The people of this area are generally poor and they would get the chance to be part of the project by getting employment during construction period and some persons shall get permanent employment for operation of the Project. The estimated cost of the project is Rs. 20.45 crore and approx. 27000 man days of employment would be generated directly during construction of the project and 12 nos. of employees will be engaged permanently for operation of the project after construction.

The adverse impact of the construction on the environment shall be taken care of. Cut & fill method shall be used for disposal of muck/debris and the rest would be used in filling the embankments of different structures, retaining walls and low lying areas. The dumping sites have been depicted in the enclosed map. No debris would be allowed to roll down the slopes towards the Nala. Trees along the Penstock Slopes, dumping areas and approach roads will be planted. Thus every care shall be taken to minimize the ill effect on the environment.

**Location of the Project:**

The BANUALA BAROOND-I Small Hydro Electric Project is being conceived as a run of the river development on Churkhu Nala, a tributary of Chanju / Ravi River. The Project is located near village Bhararu, in Distt. Chamba of Himachal Pradesh. The powerhouse is 75 Kms from Chamba Town, Nearest broad gauge railway station is Pathankot, which is 124 kms from the powerhouse site.

**JUSTIFICATION FOR LOCATION THE PROJECT IN FOREST AREA**

Churkhu Nala is a tributary of Kamil/ Chanju Nala /Ravi river and joins it near Chatelu, located on the Nakrod-Chanju road in District Chamba. It originates from Panjal from 4300 m altitude. The total catchment up to proposed diversion site is 20 Sq. km. The gradient of Nala is very steep in the upper reaches of the Nala. Average slope varies from 1:6 to 1:10.

No other viable alternative is available for the project so it has to be as such located in the forest land. Keeping in view of the technical requirements of the Project, alternative involving minimum forest land and trees have been adopted.

**FINANCIAL AND SOCIAL BENEFITS:****Financial :**

The project will generate about 10.42 million units which shall be sold to the HPSEB at Tariff fixed by the HPERC.

**Social :**

- ❖ Provide reliable power supply to the rural area to stimulate economic activity social welfare among the local population.
- ❖ Save forests, which are being used for meeting rural energy needs
- ❖ Increase Productivity in agriculture, industry and commerce.
- ❖ Create employment during construction and maintenance and thus check migration of the villagers to cities.
- ❖ To reduce the use of fuel wood during winter for heating purposes, thus reducing deforestation.

**Total Population Benefited:**

The population of approx. 461 persons living in the Prabha village will be directly benefited with the construction of this project however the peoples from other villages surrounding the project area will also be directly/indirectly benefited with the construction of project.

**Employment Generated:**

Approx. 27000 man- days of employment would be generated directly during the construction of this project.

Personal to be retained after completion of project would be 12 nos., who shall get permanent job till the life of the Project or retirement thereof, whichever is earlier.

- Exploit the power potential as per the policy of the Government.
- Provide employment opportunities to the locals
- Development of the area by adding to the standard of living in village communities.
- Mitigate the power crisis in northern region.

The project would have lot of long term direct and indirect advantages. Hence the project is requested to be considered.

Place : Chamba  
Dated : 7/1/21

For Gyatri Hydel Projects P. Ltd.  
Gyatri Hydel Projects P. Ltd.  
Authorised Signatory  
Authorised Signatory

**CERTIFICATE FOR BENEFICIARIES**

This is to certify that due to the construction of Banuala Baroond -I (2.00 MW) in Tehsil Churah District Chamba, Himachal Pradesh, the following village shall be benefited:

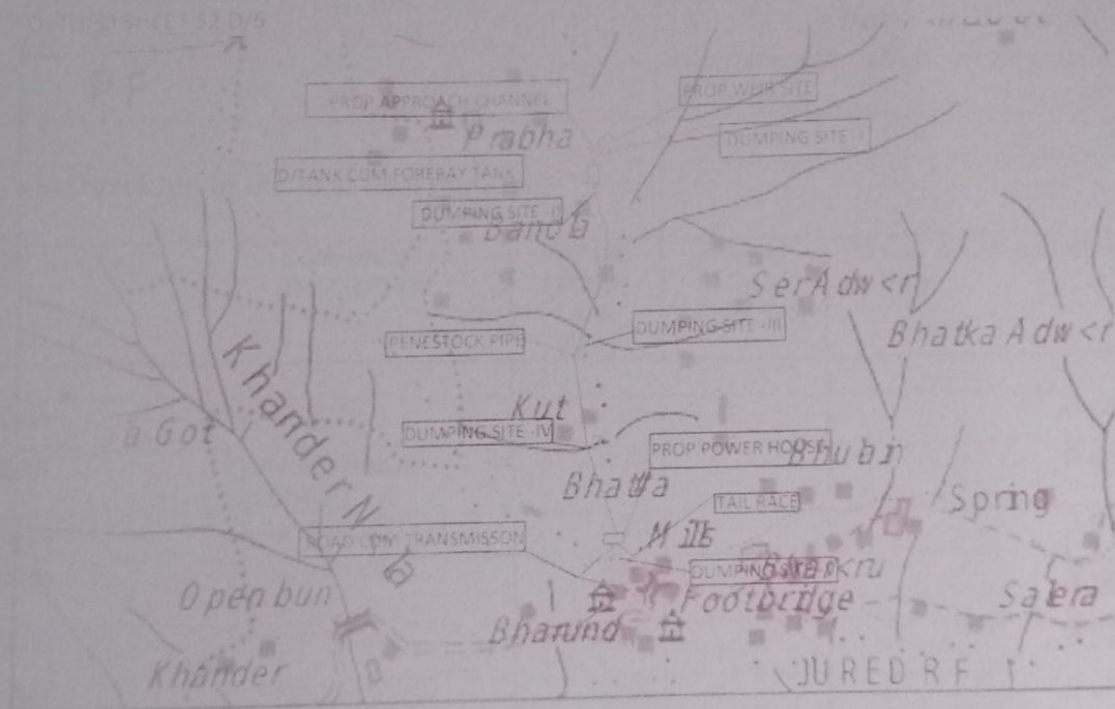
Sr. No.	Name of the village	Village code	Population (as per census 2011)
1	Paraba (churah)	468	421

Place : Churah  
Date: 17-11-2020

*Namini*  
Sub Divisional Officer(Civil)  
Churah-Distt. Chamba

# BANUALA BAROOND-I HYDRO PROJECT (2MW) TEHSIL CHURAH, DISTRICT CHAMBA (HP)

## TOPO MAP



FEATURES CONSIDERED  
WATER INVOLVED 10188 Ha  
LAND INVOLVED 28 Ha

INDEX	
PROJECT COMPONENTS	
DUMPING SITES	

Gyatri Hydel Projects P. Ltd.  
Authorised Signatory

Divisional Forest Officer  
Chamba Forest Division  
CHAMBA-176310

## 27



sr.	Description	Latitude	Longitude	sr.	Description	Latitude	Longitude
1	WEB SITE	32°45'51.16"N	70°10'10.99"E	6	POLYMER HAZARD C VARD	32°45'16.08"N	70°10'31.34"E
		32°45'50.94"N	70°10'10.99"E			32°45'33.21"N	70°10'11.64"E
		32°45'49.76"N	70°10'18.74"E			32°45'18.61"N	70°10'25.58"E
		32°45'49.76"N	70°10'16.87"E			32°45'05.24"N	70°10'16.87"E
2	CONVEYANCE CHANNEL	32°45'49.58"N	70°10'18.74"E	7	DUMPING SITE-II	32°45'40.30"N	70°10'35.01"E
		32°45'49.43"N	70°10'18.74"E			32°45'48.30"N	70°10'30.67"E
		32°45'49.24"N	70°10'18.74"E			32°45'46.77"N	70°10'31.19"E
3	DUMPING SITE-I	32°45'49.76"N	70°10'18.74"E	8	FILL BACK	32°45'49.41"N	70°10'34.64"E
		32°45'49.58"N	70°10'18.74"E			32°45'45.00"N	70°10'35.01"E
		32°45'49.43"N	70°10'18.74"E			32°45'45.00"N	70°10'34.78"E
		32°45'49.24"N	70°10'18.74"E			32°45'45.00"N	70°10'34.78"E
4	INTAKE CUM FOREBAY	32°45'49.61"N	70°10'17.99"E	9	ROAD CUM TRANSMISSION	32°45'18.26"N	70°10'12.01"E
		32°45'49.26"N	70°10'18.74"E			32°45'18.26"N	70°10'12.01"E
		32°45'49.08"N	70°10'18.74"E			32°45'13.48"N	70°10'13.48"E
		32°45'48.90"N	70°10'18.74"E			32°45'12.55"N	70°10'13.29"E
5	PUMP HOUSE	32°45'48.90"N	70°10'18.74"E	10	TRANSMISSION	32°45'13.71"N	70°10'13.71"E
		32°45'48.72"N	70°10'18.74"E			32°45'16.65"N	70°10'17.11"E
		32°45'48.54"N	70°10'18.74"E			32°45'09.09"N	70°10'14.44"E
		32°45'48.36"N	70°10'18.74"E			32°45'08.31"N	70°10'13.71"E
		32°45'48.18"N	70°10'18.74"E			32°45'07.28"N	70°10'13.71"E
		32°45'48.00"N	70°10'18.74"E			32°45'06.25"N	70°10'13.71"E
		32°45'47.82"N	70°10'18.74"E			32°45'05.22"N	70°10'13.71"E
		32°45'47.64"N	70°10'18.74"E			32°45'04.19"N	70°10'13.71"E
6	DUMPING SITE-III	32°45'48.36"N	70°10'18.74"E	11	DUMPING SITE-IV	32°45'28.84"N	70°10'16.99"E
		32°45'48.18"N	70°10'18.74"E			32°45'28.84"N	70°10'16.99"E
		32°45'48.00"N	70°10'18.74"E			32°45'22.26"N	70°10'18.23"E
		32°45'47.82"N	70°10'18.74"E			32°45'21.23"N	70°10'18.07"E
		32°45'47.64"N	70°10'18.74"E			32°45'19.20"N	70°10'18.07"E
		32°45'47.46"N	70°10'18.74"E			32°45'18.17"N	70°10'18.07"E
7	DUMPING SITE-V	32°45'47.28"N	70°10'18.74"E	12	DUMPING SITE-VI	32°45'16.14"N	70°10'15.50"E
		32°45'47.10"N	70°10'18.74"E			32°45'16.14"N	70°10'15.50"E
		32°45'46.92"N	70°10'18.74"E			32°45'16.14"N	70°10'15.50"E

1999年12月15日

Variable	Mean	SD	df
Age	31.2	4.5	111
Gender	Male	Female	112
Education	High school	College	113
Income	Low	High	114

[illegible]

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Model	Mean	SD	95% CI
Model 1 (unadjusted)	1.00	0.00	
Model 2 (adjusted for age, sex, and education)	0.97	0.03	0.91-1.03
Model 3 (adjusted for age, sex, education, and income)	0.95	0.04	0.87-1.03
Model 4 (adjusted for age, sex, education, income, and health status)	0.94	0.04	0.86-1.02

Year 1 (age 10-11)	1	2	3
Year 2 (age 11-12)	4	5	6
Year 3 (age 12-13)	7	8	9
Year 4 (age 13-14)	10	11	12

01 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 10

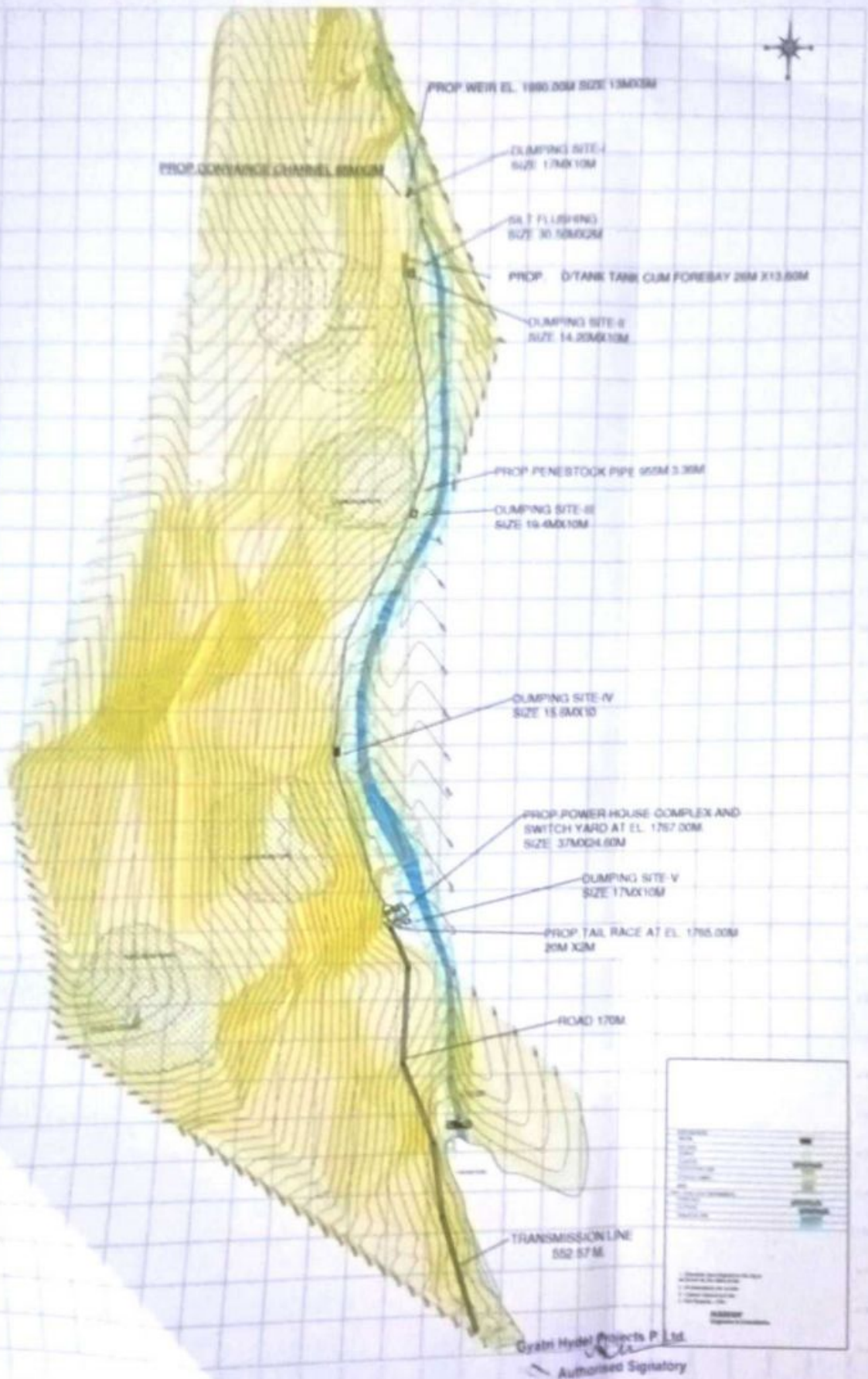
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Gyafn Hydal Project (P) Ltd  
  
 Authorized Signatory

C/5

Divisional Forest Officer  
Chambe Forest Division  
CHAMRA-170110

# LAYOUT PLAN OF BANULA BAROOND-I SHEP (2.00 MW) IN DISTT CHAMBA (HP)



**DIVERSION OF 1.0188 HA.OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
SMALL HYDRO PROJECT 2.00 MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)**

**FILE NO .. : FP/HP/HYD/148103/2021**

**DATE OF PROOSAL :**

**ALTERNATE SITES CONSIDERED TO MINIMISE THE USE OF  
FOREST LAND FOR CONSTRUCTION OF  
BANUALA BAROOND-I-I- II (2MW) SMALL HYDRO ELECTRIC PROJECT**

**ALTERNATIVE-I**

The proposed project is situated on the right bank of the Churkhu stream. The alternative involves construction of diversion structure at EL  $\pm$  1990 m on Churkhu Nala. The water conductor shall consist of surface Desilting tank and water Conductor System on the right bank of Churkhu Nala comprising of 37 m length. Penstock alignment runs through rocky slope. The gross head available for power generation shall be around 223 m. Surface powerhouse shall be located on the right bank of the Churkhu Nala. There are small bends in Penstock alignment. No part of the Channel or other components lies in inhabitant area thus it will not have any other adverse environmental impact and large cutting of trees.

**Feature considered:**

- Alignment of the proposed project falls on right bank and along the stream. This has been deliberately designed for the reduction of land to be used, fewer amounts of trees to be cut and also based on the suitable strata for Channel. The proposal involves cutting of 28 trees in the all components alignment which are not to be cut.
- Forest land involved to the tune of 1.0188 Hectares.
- No disturbance to the stable slope & green cover.
- Limited number to trees to be cut off for execution of components of project.
- No Cultivated land and habitants.

**ALTERNATIVE- II**

This alternative involves construction of diversion structure on left Churkhu Nala at EL  $\pm$  1990 m and the water conductor system involving Open Channel of about 50 m length passing through a loose rock on the right bank of the Nala. Geologically this alternative is not appropriate for the safety of the Project components.

**Feature Considered:**

- Forest land involved to the tune of 1.0588 hectares and 57 trees are involved in this process.
- It is difficult for construction of open channel on the right side as the slope is very steep which may trigger landslide during and after construction and it also increases the number of trees to be cut.
- Gross head available also decreases, resulting in less power generation.
- A lot of trees to be cut resulting into decreasing forest cover in this area.
- Some of the alignment of Project components coming in cultivated land and habitant area.

**ALTERNATIVE- III**

This is mainly left bank alternative involves construction of diversion structure at EL  $\pm$  1990 m on the Churkhu Nala. Water of Churkhu Nala shall be diverted through a 55 m long Water Conductor System to the Forebay. There is open space available for location of Forebay. The penstock shall be over

with surface powerhouse on the left bank of the Churkhu Nala. The gross head shall be about 200 m. The length of the transmission line increases by 100 meters and the length of the road upto Power House shall increase by 460 m which increases the involvement of more forest land. In this alternative the Water Conductor System would cross the agriculture land resulting in erosion of agricultural land.

Features Considered:

- Entire alignment falls on left bank of Churkhu Nala.
- Forest land involved to the tune of 1.0988 hectares and 62 trees are involved in this proposal.
- Length of water conductor system involved is more which increases the construction time.
- Total area involved is more which leads to cutting of more trees, Diversion of more forest land.
- Left bank of Churkhu Nala covering proposed Powerhouse and Penstock consist of loose strata which is vulnerable to landslides.
- Most of the alignment of Project components coming in cultivated land and habitant area.

Keeping in view all the above three alternative, the **alternative- I**, which is more suitable and environmental friendly, has been finally adopted.

For Gyatri Hydel Project P.ltd.  
Gyatri Hydel Projects P. Ltd.

\*Authorized Signatory

**BANUALA BAROOND --I SMALL HYDRO PROJECT (2.00 MW)**  
**TEHSIL CHURAH DISTRICT CHAMBA (H.P.)**

SOI TOPO SHEET : 52D/5

**ALTERNATIVE --I**



**FEATURES CONSIDERED**

AREA INVOLVED	1.0188 HA.
TREES INVOLVED	29 NO.

Grantha Madhvi Singh  
 Author's Signature

Chandra Prasad Guleri  
 District Engineer  
 Chamba District  
 CHAMBA

## SOI TOPO SHEET : 52D/5

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AREA INVOLVED	1.0588 HA.
TREES INVOLVED	57 NO.

Date  
10/2/22

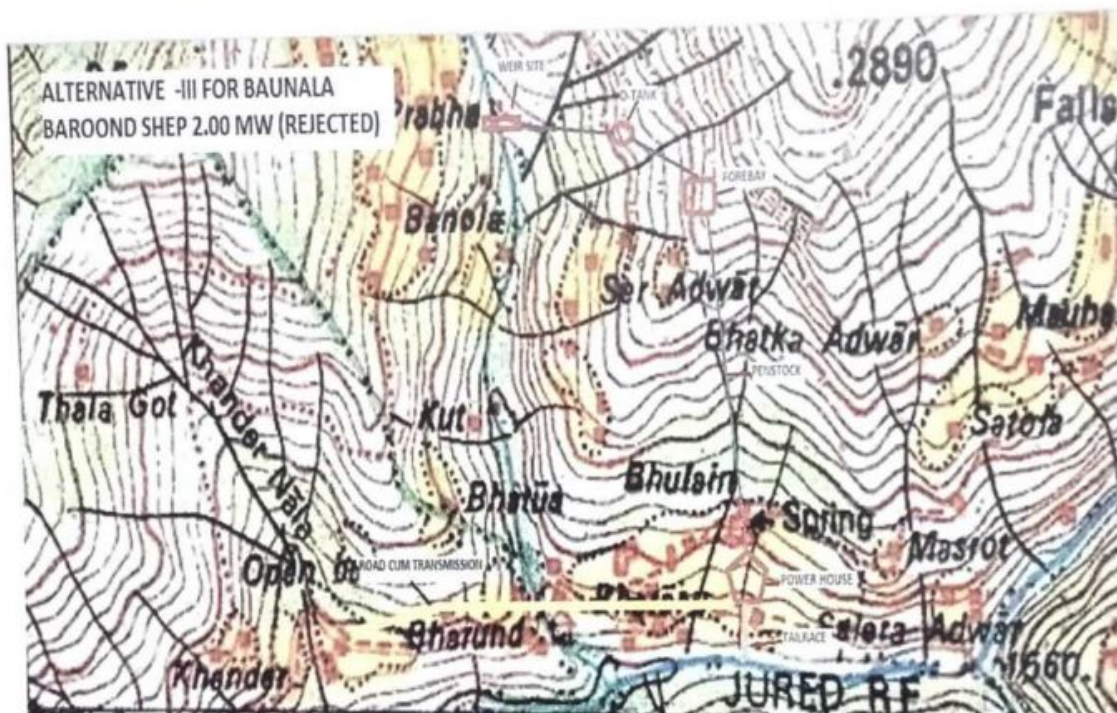
Gyatri Hydel Projects P. Ltd.  
Authorized Signatory

Divisional Forest Officer  
Chamba Forest Division  
CHAMBA-176310

**BANUALA BAROOND –I SMALL HYDRO PROJECT (2.00 MW)**  
**TEHSIL CHURAH DISTRICT CHAMBA (H.P.)**

SOI TOPO SHEET : 52D/5

## ALTERNATIVE –III



### FEATURES CONSIDERED

AREA INVOLVED	1.0988 HA.
TREES INVOLVED	62 NO.

Date  
10/2/22

Gyatri Hydel Projects P. Ltd.  
Authorized Signatory

Divisional Forest Officer  
Chamba Forest Division  
CHAMBA-176310

DIVERSION OF 1.0188 HA. OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
 SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)  
 FILE NO. : FP/HP/HYD/148103/2021  
 DATE OF PROOSAL :

CHECK LIST SERIAL NUMBER – 06

**STATEMENT SHOWING DETAILS OF FOREST AREA  
 PROPOSED FOR DIVERSION**

Sr. No.	District	Division	Description	Range / Tehsil/Village	Khasra Number / Survey or Compartment Number or Km Stone.	Forest Area proposed for Diversion (HA)	Classification of Forest Land.	Legal Status of Forest Land	Remarks
1	Chamba	Chamba Division	WEIR SITE	PRABHA	275/1	00-01-12	Gair Mumkin Nali	DPF	DPF
2	—do—	—do—	CONVEYANCE CHANNEL	PRABHA	346/334/264/1	00-04-04	Charagah Billa Darakhtan	DPF	DPF
3	—do—	—do—	DUMPING SITE -I	PRABHA	346/334/264/5	00-04-04	Charagah Billa Darakhtan	DPF	DPF
4	—do—	—do—	D-TANK CUM FOREBAY	PRABHA	346/334/264/2	00-08-15	Charagah Billa Darakhtan	DPF	DPF
5	—do—	—do—	SILT FLUSHING	PRABHA	346/334/264/4	00-01-10	Charagah Billa Darakhtan	DPF	DPF
6	—do—	—do—	PENSTOCK	PRABHA	346/334/264/3	00-15-16	Charagah Billa Darakhtan	DPF	DPF
7	—do—	—do—	PENSTOCK	PRABHA	123/1	00-00-04	Gair Mumkin Nali	DPF	DPF
8	—do—	—do—	PENSTOCK	PRABHA	306/114/1	00-18-00	Charagah Billa Darakhtan	DPF	DPF
9	—do—	—do—	PENSTOCK	PRABHA	350/344/311/1	00-00-12	Charagah Billa Darakhtan	DPF	DPF
10	—do—	—do—	PENSTOCK	PRABHA	111/1	00-12-14	Charagah Billa Darakhtan	DPF	DPF
11	—do—	—do—	PENSTOCK	PRABHA	286/96/1	01-12-00	Charagah Billa Darakhtan	DPF	DPF
12	—do—	—do—	POWER HOUSE COMPLEX AND SWITCH YARD	PRABHA	286/96/2	01-02-10	Charagah Billa Darakhtan	DPF	DPF
13	—do—	—do—	DUMPING SITE -II	PRABHA	346/334/264/6	00-03-10	Charagah Billa Darakhtan	DPF	DPF
14	—do—	—do—	TAIL RACE	PRABHA	286/96/6	00-01-00	Charagah Billa Darakhtan	DPF	DPF
15	—do—	—do—	ROAD	PRABHA	286/96/3	00-04-16	Charagah Billa Darakhtan	DPF	DPF
16	—do—	—do—	TRANSMISSION LINE	PRABHA	286/96/3	00-11-02	Charagah Billa Darakhtan	DPF	DPF
17	—do—	—do—	DUMPING SITE-III	PRABHA	111/2	00-04-16	Charagah Billa Darakhtan	DPF	DPF
18	—do—	—do—	DUMPING SITE-IV	PRABHA	286/96/4	00-03-17	Charagah Billa Darakhtan	DPF	DPF
19	—do—	—do—	ROAD	PRABHA	284/81/1	00-05-04	Charagah Billa Darakhtan	DPF	DPF
20	—do—	—do—	TRANSMISSION LINE	PRABHA	284/81/1	01-16-16	Charagah Billa Darakhtan	DPF	DPF
21	—do—	—do—	TRANSMISSION LINE	PRABHA	284/81/2	00-02-15	Charagah Billa Darakhtan	DPF	DPF
22	—do—	—do—	DUMPING SITE-V	PRABHA	286/96/5	00-04-04	Charagah Billa Darakhtan	DPF	DPF
23	—do—	—do—	TRANSMISSION LINE	PRABHA	74/1	00-01-12	Charagah Billa Darakhtan	DPF	DPF
24	—do—	—do—	TRANSMISSION LINE	PRABHA	64/1	00-00-10	Charagah Billa Darakhtan	DPF	DPF
25	—do—	—do—	TRANSMISSION LINE	PRABHA	77/1	00-13-04	Charagah Billa Darakhtan	DPF	DPF
26	—do—	—do—	TRANSMISSION LINE	PRABHA	62/1	01-10-09	Charagah Billa Darakhtan	DPF	DPF
Total						1-01-88 Hectares			

Divisional Forest Officer  
 Chamba Forest Division  
 CHAMBA-176310

DIVERSION OF 1.0188 HA. OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)

FILE NO .. : FP/HP/HYD/148103/2021

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER - 07

**STATEMENT SHOWING DETAILS OF NON-FOREST AREA  
INVOLVED IN THE PROPOSAL**

Certified that in the execution of Banuala Baroond-I SHEP being constructed by M/s Gyatri Hydel Projects Pvt. Ltd. Mohalla Charpat Tehsil and Distt. Chamba HP do not involve Private or non forest land in the construction of this Project except Forest land.

Place: Chamba

Dated: 26/2/22

Gyatri Hydel Project (P) Ltd  
For Gyatri Hydel Project P. Ltd.  
Authorised Signatory  
Authorised Signatory

Countersigned by:

C/s

Divisional Forest Officer  
Divisional Forest Officer  
Chamba Forest Division  
CHAMBA-176310  
Chamba

No. CBA-111-10 (2407)/2021-2

Dated 5.4.21

**DIVERSION OF 1.0188 HA. OF FOREST LAND FOR CONSTRUCTION OF BANUALA BAROOND I  
SMALL HYDRO PROJECT 2 MW IN DISTRICT CHAMBA (H.P.)**

FILE NO. :


DATE OF PROPOSAL :

CHECKLIST - 8

**Certificate for Non-Availability of Non- Forest Land** 8

Certified that there is no alternative non-forest land available for construction of Banuala Baroond I SHEP (2 MW) in Mohal Prabha Tehsil Churah, District Chamba H.P., as the provisions of Chapter-IV of the Indian Forest Act, (xvi of 1927) were made applicable to all forest lands or waste lands in Himachal Pradesh, which are the property of Government over which the Government proprietary rights, vide notification No. Ft-29-241-BB/49 dated 25-02-1952, which are signed by the Secretary (Forest Department) to the Chief Commissioner, Himachal Pradesh Administration.

As such the construction of Banuala Baroond I SHEP (2 MW) in Muhal Prabha Tehsil Churah, District Chamba H.P. will be on forest land.

  
Sub Divisional Officer (Civil)  
Tissa Division  
Distt. Chamba HP

Sub Divisional Officer (Civil)  
Churah

  
Collector  
Chamba, District Chamba (HP)

DIVERSION OF 1.0188 HA. OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
 SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P.)  
 FILE NO. : FP/HP/HYD/146103/2021  
 DATE OF PROOSAL :


CHECK LIST SERIAL NUMBER - 9

JUSTIFICATION FOR LOCATING THE PROJECT / ROAD AND OTHER COMPONENTS ON THE FOREST LAND IN THE CONSTRUCTION OF BANUALA BAROOND - I (2MW) SMALL HYDRO PROJECT

Certified that, location of all the civil components of the Banauala Baroond - I SHEP 2MW including water conductor system of 37 m length, Penstock of 955 m length, Power House and access road of 170 m length is feasible in the forest land only. No Private land / Govt. land is available in the concerned area. Loss of 30 trees is involved in placing the civil components of the Project in the forest land. There is no other alternative as the Project area is surrounded with forest land from all sides near village Bhararu, Tehsil Churah, Distt. Chamba.

Place : Chamba  
 Dated : 12/2/22

For Gyatri Hydel Project P. Ltd.  
 Gyatri Hydel Project P. Ltd.  
 Authorized Signatory

Countersigned by :  
  
 Divisional Forest Officer  
 Chamba Forest Division  
 Chamba

### **CHECK LIST -10**

#### **CERTIFICATE FOR MINIMUM USE OF FOREST LAND**

This is to certify that the forest area involved in the proposal is unavoidable and barest minimum forest area i.e. 1.0188 hectare is proposed for diversion for the construction of Gyatri Hydel project Pvt. Ltd. (2.00 MW) at Gram panchayat Charda in Distt. Chamba HP. Three alternatives have been considered for this project and adopted alternative I uses minimum forest land and details are as under;

#### **Various Alternatives for the project**

**I) Alternative I**

This is mainly a right bank alternative. The alternative involves construction of diversion structure at EL. 1990m on Chhurkhu nalla. The water conductor shall consist of channel 37 m length & 955 m long surface Penstock pipe on the right bank of the Churkhu nalla. Also the penstock alignment is on surface as there is steep slope & rocky terrain except some bends to the Penstock. The gross head available for the power generation shall be around 223m. This alternative involves the forest land of 1.0188 hectares and 28 numbers of trees cutting. The approved estimated cost of the alternatives is 2045 lacs.

**II) Alternative II**

This alternative involves construction of diversion structure on Chhurkhu nala at EL.1990m on its left bank. The water conductor system of 50 m length from weir diversion upto forebay. The Penstock leads from the forebay to the Power house through loose rock and occasionally slidy portion and Also the some portion of the penstock passing through strethed area which leads to more laying length so keeping in view this there may be the loss of head which leads to the slightly less annual generation. In this Alternative 1.0588 hectares of land is utilising and 57 numbers of trees coming due to which the estimated cost of the scheme goes upto near about 2125.28 lacs.

**III) Alternative III**

This is left bank alternative involves construction of diversion structure at EL. 1990 m on the Churkhu nalla. The water of Chhurkhu nala Shall diverted through a 55 m long water conductor system to the forebay. The proposed Power house

and penstock consist of loose strata which is vulnerable to landslides and most of the alignment of the components are coming in cultivated land and habitant area inspite of that forest land is more than earlier mentioned alternatives because of length of the transmission line and road incresing . In this alternative near about 1.0988 hectares of land is coming and 62 numbers of trees envolving. The estimated cost of this alternate stands about 2274.82 Lacs .

In view of the advantages offered by the Alternative I, It has been taken up for preparing Detailed Project Report

**A summarised view presented in table below:-**

Sr. No.	Description	Alt-I	Alt -II	Alt -III
1	Forest land envolved in Project components	1.0188	1.0588	1.0988
2	Trees Coming in alignment of Project components	28	57	62
3	Estimated cost (in Lacs)	2045	2125.28	2274.82

This shows that alternative I shall be use minimum forest cover, less cutting of trees and economically viability

All alternatives are shown in drawing and enclosed

Place----*Chamba*  
Date-- *6/5/2022*

For Gyatri Hydel Project Pvt. Ltd.

*(Signature)*  
Authorised Signatory

Countersigned by :

*(Signature)*  
Divisional Forest officer  
Chamba Forest Division  
Chamba

DIVERSION OF 1.0188 HA. OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
 SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P.)  
 FILE NO .. : FP/HP/HYD/148193/2021  
 DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER – 11

**UNDERTAKING FOR PAYMENT OF COST OF  
 COMPENSATORY AFFORESTATION**

I, Ved Vyas Thakur, Authorised Signatory for M/s Gyatri Hydel Project P Ltd. having its office at Mohalla Charpat, PO, Tehsil and District Chamba, hereby undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for execution of BANUALA BAROOND-I Small Hydro Power Project 2MW, as per prevailing wage rates at the time of plantation.

Place : Chamba

Dated : 10/12/22

For Gyatri Hydel Project P. Ltd.  
 Gyatri Hydel Project P. Ltd.  
 Authorised Signatory

Countersigned by :

Divisional Forest Officer  
 Chamba Forest Division  
 Chamba

DIVERSION OF 1.0188 HA. OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
 SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P.)  
 FILE NO .. : FP/HP/HYD/147103/2021  
 DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER – 12

**UNDERTAKING FOR THE PAYMENT OF NET PRESENT VALUE  
 OF FOREST AREA**

It is to certify that I, Ved Vyas Thakur, Authorised Signatory for M/s Gyatri Hydel Projects Pvt. Ltd. having its office at Mohalla Charpat Post Office, Tehsil and District Chamba, have applied for diversion of 1.0188 ha. of forest area for the purpose of execution of BANUALA BAROOND-I Small Hydro Power Project 2MW. I hereby undertake to pay the revised Net Present Value (NPV) of the above forest land as per prevailing rates.

Place : Chamba

Dated : 10/2/22

For Gyatri Hydel Project P. Ltd.  
 Gyatri Hydel  
 Authorised Signatory

Countersigned by :

Divisional Forest Officer  
 Chamba Forest Division  
 Chamba

DIVERSION OF 1.0188HA.OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
 SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)  
 FILE NO .. : FP/HP/HYD/143103/2021  
 DATE OF PROOSAL

CHECK LIST SERIAL NUMBER – 19

**CERTIFICATE FOR NON VIOLATION OF FCA 1860**

It is to certify that I, Ved Vyas Thakur , Authorised Signatory for M/s Gyatri Hydel Projects Pvt. Ltd. having its office at Mohalla Charpat PO , Tehsil and District Chamba have applied for diversion of 1.0188 ha. of forest area for the purpose of execution of BANUALA BAROOND-I Small Hydro Power Project 2MW.

I, hereby ensure that there is no violation of FCA 1860 and no construction activity shall be started at the proposed site till the area is not diverted in the name of M/S Gyatri Hydel Projects Pvt. Ltd.

Place : Chamba

Dated : 10/2/22

For Gyatri Hydel Project P. Ltd.  
 Gyatri Hydel Project (P) Ltd  
 Authorised Signatory  
 Authorised Signatory

Countersigned by :

Divisional Forest Officer  
 Chamba Forest Division  
 Chamba  
 CHAMBA-176310

No. CBA-III-10 (2407)/2021-1

Dated 5-4-2021

59

DIVERSION OF 1.0188 HA. OF FOREST LAND FOR CONSTRUCTION OF BANUALA BAROOND I  
SMALL HYDRO PROJECT 2 MW IN DISTRICT CHAMBA (H.P.)


FILE NO. :

DATE OF PROPOSAL :

20

**CERTIFICATE FOR NON-AVAILABILITY OF NON- FOREST LAND FOR RAISING  
COMPENSATORY AFFORESTATION**

Certified that all the Govt. Waste land in this District are considered as forest land in view of the 1952 Notification of Govt. of H.P. which has declared all Govt. waste land and protected forests. Hence there is no availability of suitable Non Forest land within the jurisdiction of Chamba Forest Division for raising of compensatory plantation in lieu of diversion of forest land for the construction of Banuala Baroond I SHEP 2 MW to be constructed by Gyatri Hydel projects Pvt. Ltd. Mohalla Charpat Tehsil and District Chamba in Chamba Forest Division Chamba H.P.

  
Divisional Forest Division  
Chamba Forest Division  
Distt. Chamba HP

  
Collector  
Chamba District Chamba (HP)

**HIMURJA**  
**(H.P. GOVT. ENERGY DEVELOPMENT AGENCY)**  
**SHIMLA: - 171 009.**

No. HIMURJA/ SHP/Banuala Barond (298/2015) **7660**  
To

Dated: **4-11-2019**

✓ M/s Gayatri Hydel Projects (P) Ltd,  
C/o Naman Engineers and consultants,  
Tapovan, Vidhansabha Road, Dharamshala,  
Distt. Kangra (HP)

**Subject: -** Consent for exclusive time bound right for preparation of Project Report for the Small Hyde Project Banuala Baroond (2.00MW) & Banuala Baroond-I (0.80MW) in Chamba District, Himachal Pradesh:- Submission of feasibility report of (2.00MW) & (0.80MW) capacity.

Dear Sir,

This is in reference to your letter no. Himurja/SHP/Banuala Baroond(298)/2015-85 dated 23.08.2019, vide which Feasibility Report in respect of Banuala Baroond (2.00MW) & Banuala Baroond-I (0.80MW) SHEPs in District Chamba has been submitted to Himurja. After examining the Feasibility Report, the parameters are frozen as under:

Sr. No	Name of Project	River/ Stream	District	Elevation (Diversion to race)	Range to Tail	Capacity	Tentative Land Required
							Forest/ Private Land
1	Banuala Baroond-I	Churkhu Nala	Chamba	EL±1990m to ±1765m		2.00MW	01-38-02 Hac.
2.	Banuala Baroond-II	Churkhu Nala	Chamba	EL±1700m to ±1615m		0.80MW	00-68-91 Hac.

It is further stated that the approval of the Feasibility Report (FR) of Banuala Baroond & Banuala Baroond-I SHEP in District Chamba shall be subject to the following conditions:-

1. There shall be no change in the elevations from the elevation freezes in the FR.
2. Discharge data has to be observed for optimization of capacity in the DPR, if it varies from the figure of Feasibility Report, Technical Concurrence is required to be obtained from DOE.
3. Evacuation land for transmission has been included in the Land requirement.
4. As per laid down guidelines riparian distance of 50 mtrs elevation wise or 250m horizontal distance is to be maintained between upstream and downstream projects to allow visible flow of water in the stream/Nalla while carrying out detailed survey/studies, but it is not demonstrated in the FR. The same should be followed strictly, failing which the allotment is liable to be cancelled for violation of the same.
5. Elevations of each component must be marked in the Contour plan and should also be included in the salient feature after carrying proper survey. Copy of which is also to be forwarded to Himurja.

Therefore, you may go ahead for obtaining various clearances/NOCs on the basis of parameters frozen herein above.

Yours Sincerely,

(Er K. L. Phakur)

Director

Himurja, Shimla-171009

Gayatri Hydel Project (P) Ltd

Authorised Signatory

PTO

Regd. Post

HIMURJA  
(H.P. GOVT. ENERGY DEVELOPMENT AGENCY)  
SHIMLA: - 171 009.

HIMURJA/ SHP/Banuala Baroond (298)/2015 13561

Dated 27-11-2018

To

M/s Gaytri Hydel Projects (P) Ltd,  
Mohalla Charpat, Distt. Chamba-176301

Subject: - Bifurcating Of project into two projects within allotted elevations..

Dear Sir,

This is in continuation to consent issued on 10.08.2015 in respect of Banuala Baroond (5.00MW) HEP and request received from you vide letter no-nil dated 06.07.2018 for bifurcation of allotted project Banuala Baroond in two stages within allotted elevations. The State Government has approved bifurcation of project into two projects within allotted elevations of Banuala Baroond as per details given under:

Name of Project	Allotted elevation /cap	Revised elevation & Cap.	Stream
Banuala Baroond Stage-I	2000-1615 (5.00MW)	1990-1765 (2.00MW)	Churkhu
Banuala Baroond Stage-II	2000-1615 (5.00MW)	1700-1615 (0.80MW)	Churkhu

The approval is subject to completion of codal formalities as per Hydro Power Policy 2006 and instruction/ amendments issued their under from time to time and following conditions:-

1. IPP has to deposit Upfront premium, Security charges and processing fee afresh applicable as per prevailing Hydro Power Policy.
2. The above approval is further subject to the condition that the riparian distance of 50 mtrs elevation wise or 250 mtr horizontal distance is to be maintained between two projects to allow visible flow of water in the stream / nalla, failing which the allotment is liable to be cancelled for violation of the same.
3. IPP has to obtain the applicable NOCs as per policy provisions.

It is further stated that the exemption of extension fee for the delay in approval of change in elevations is subject to approval of Government.

Yours Sincerely,

(Er K. L. Thakur)  
Director

Himurja Urja Bhawan  
Kasumpti, Shimla-171009

Endst.No. - A/A

Copy is forwarded to the following for information and necessary action:-

1. The Special Secretary (NES), to the Govt. of H.P. w.r.t letter no. NES-F (2)2018 dated 30.10.18.
2. Director Energy, Directorate of Energy, Shanti Bhawan, Phase-III, Sector-6, New Shimla-171009.
3. Deputy Commissioner, Chamba, Distt.Chamba, H.P.
4. Sr. Project Officer Himurja Chamba, Distt. Chamba, H.P.

Gaytri Hydel Project (P) Ltd

Authorised Signatory

Director  
Himurja Urja Bhawan  
Kasumpti, Shimla-171009

Regd. Post

HIMURJA  
(H.P. GOVT. ENERGY DEVELOPMENT AGENCY)  
SHIMLA - 171 009.

HIMURJA/ SHP/Banuala Baroond (298)/2015 13561

Dated 27-11-2018

To

M/s Gaytri Hydel Projects (P) Ltd,  
Mohalla Charpat, Distt. Chamba-176301

Subject:

Bifurcating Of project into two projects within allotted elevations.

Dear Sir,

This is in continuation to consent issued on 10.08.2015 in respect of Banuala Baroond (5.00MW) HEP and request received from you vide letter no-nil dated 06.07.2018 for bifurcation of allotted project Banuala Baroond in two stages within allotted elevations. The State Government has approved bifurcation of project into two projects within allotted elevations of Banuala Baroond as per details given under:

Name of Project	Allotted elevation /cap	Revised elevation & Cap.	Stream
Banuala Baroond Stage-I	2000-1615 (5.00MW)	1990-1765 (2.00MW)	Churkhu
Banuala Baroond Stage-II	2000-1615 (5.00MW)	1700-1615 (0.80MW)	Churkhu

The approval is subject to completion of codal formalities as per Hydro Power Policy 2006 and instruction/ amendments issued their under from time to time and following conditions:-

1. IPP has to deposit Upfront premium, Security charges and processing fee as fresh applicable as per prevailing Hydro Power Policy.
2. The above approval is further subject to the condition that the riparian distance of 50 mtrs elevation wise or 250 mtr horizontal distance is to be maintained between two projects to allow visible flow of water in the stream / nalla, failing which the allotment is liable to be cancelled for violation of the same.
3. IPP has to obtain the applicable NOCs as per policy provisions.

It is further stated that the exemption of extension fee for the delay in approval of change in elevations is subject to approval of Government.

Yours Sincerely,

(Er K. L. Thakur)

Director

Himurja Urja Bhawan

Kasumpti, Shimla-171009

Endst.No. - A/A

Copy is forwarded to the following for information and necessary action:-

1. The Special Secretary (NES), to the Govt. of H.P. w.r.t letter no. NES-F (2)2018 dated 30.10.18.
2. Director Energy, Directorate of Energy, Shanti Bhawan, Phase-III, Sector-6, New Shimla-171009.
3. Deputy Commissioner, Chamba, Distt. Chamba, H.P.
4. Sr. Project Officer Himurja Chamba, Distt. Chamba, H.P.

Gaytri Hydel Project (P) Ltd

Authorised Signatory

Director  
Himurja Urja Bhawan  
Kasumpti, Shimla-171009

FORM-I  
for linear projects -  
GOVERNMENT OF HIMACHAL PRADESH  
OFFICE OF THE DISTRICT COLLECTOR, CHAMBA, DISTRICT, CHAMBA H.P.

NO. **588** C.B.A. DRY/2020

dated: Chamba

**24** November, 2020

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No-11-998-FCpt dated 3<sup>rd</sup> August, 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 on the forest land proposed to be diverted for non-forest purposes, read with MoEF's letter dated 5<sup>th</sup> February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that **1.0188 hectares** of forest land proposed to be diverted in favour of **M/S Gyatri Hydel Projects Pvt. Ltd. GoHIP** for the construction of **Bannala Baroond-I Small Hydro Project (2 MW)** in Chamba District falls within the jurisdiction of **Prabha** village in Tehsil Churah & District Chamba.

It is further certified that: -

- a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire **1.0188 hectares** of forest land proposed for diversion. A copy of records of all consultation and meetings of the Forest Rights Committee, Gram Sabha, Sub Division Level Committee and the District Level Committee are enclosed as annexure-I to annexure-IV.
- b) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it.
- c) The proposal does not involve recognized rights of Primitive Tribal Groups and pre-agricultural communities.

Encls: - As above.

  
**23/11/20**  
Distt. Collector  
Chamba Distt. Chamba

**OFFICE OF THE DEPUTY COMMISSIONER, CHAMBA DISTRICT CHAMBA (HP)**

**Proceedings of the meeting of the District level Committee constituted under Scheduled Tribes & Other Traditional Forest Dwellers (Recognition of Rights) Act (FRA), 2006.**

A meeting of the District level Committee of Chamba District, constituted under FRA, 2006 was held under the Chairpersonship of Mrs. M. Sudha Devi, IAS, Deputy Commissioner, Chamba on 28.04.2015 at 03:00 P.M. at Chamba in which the application(s) of the applicant(s) of Prabha Gram Sabha, claiming rights in Forest area(s) of this Gram Sabha under FRA, 2006 duly processed and recommended by the Sub Division level committee Churah were discussed to consider the same for admission by the District level committee.


After scrutiny of the documents and detailed discussions, the claim of following applicant(s) were found to be in order and hence admitted.

<u>Sr. No.</u>	<u>Name of the Applicant</u>	<u>Name of Forest</u>	<u>Detail of Forest Right(s)</u>
1.	Nil	Nil	Nil

**OR**

As informed by SDO(C) Churah, no application was received from Prabha Gram Sabha claiming right(s) in Forest area of this Gram Sabha.

Place:- Chamba (HP)  
Dated:- 28.04.2015.

  
Deputy Commissioner-cum-Chairperson,  
DLC, Chamba, Distt. Chamba.

  
  
District Revenue Officer,  
Chamba, Distt. CHAMBA (H.P.)

  
Gyatri Hydel Project (P.O.)  
Authorised Signatory

No: - SDO (C)/CHR/OK/2015/- 131

Dated:-28-02-2015

**Office of the Sub-Division Officer (C), Churah, District Chamba (HP).**

Proceeding of the meeting of the Sub Division level Committee constituted under Scheduled Tribe & other Traditional Forest Dwellers ( Recognition of Rights) Act (FRA),2006.

A meeting of Sub Division level Committee of Churah Sub-Division, constituted under FRA, 2006 was held under the chairmanship of Sh. Sanjay Kumar Dhiman, SDO[Civil] Churah on 21-02-2015 at 11.00 AM at Bhanjraru in which the application[s] of ----- Gram Sabha claiming rights in----- forest areas under FRA,2006, duly processed and recommended by the ----- Gram Sabha/Mohal Sabha, were discussed to consider the same for recommendation to the District Level Committee.

After scrutiny of the documents and detailed discussion, the claim of following applicants were found in order and recommended for admission to District Level Committee.

S.No.	Name of Applicant	Name of Forest Right Committee	Detail of forest Right
-------	-------------------	--------------------------------	------------------------

-----Nil-----

Claims of following applicants were not found in order and hence rejected:-

S.No.	Name of Applicant	Name of ForestRight Committee	Detail of forest Right
-------	-------------------	-------------------------------	------------------------

-----Nil-----

OR

As informed by Prabha Gram Sabha/Mohal Sabha, no application was received claiming rights in Prabha forest area.

Place: Bhanjraru.

Date: 28-02-2015

Enclosure:

S. D. Dhiman  
Sanjay Kumar Dhiman  
SDO[Civil] -cum-Chairman/ Chairperson,  
Sub Division Churah, District Chamba.  
Himachal Pradesh.

Attest  
13/  
District Revenue Officer,  
Chamba, Distt. CHAMBA (H.P.)

Sanjay  
Ayatn Hydel Project (H.P.)  
Authorized Signatory

प्रस्ताव संख्या :- 3

बैठक :- मुहाल सभा

अध्यक्षता

उपस्थिति

दिनांक

385  
484

5-2-2015

विषय: - वन अधिकार समिति ..... के हितवन्ध व्यक्तियों से वन अधिकार के दावों पर विचार।

ज्ञापन,

अध्यक्ष महोदय ने मुहाल सभा सम्मुख वन अधिकार समिति द्वारा पारित प्रस्ताव जिसमें उपरोक्त राजस्व मुहालों से सम्बन्धित दावों व अक्षेपों को नियमानुसार आमंत्रित किया गया था। कमेटी की प्रस्ताव के अनुसार 90 दिन की अवधि व्यातीत हो जाने पर भी सम्बन्धित मुहालों से वन अधिकार से सम्बन्धित कोई भी दावा आक्षेप कमेटीयों के समक्ष प्रस्तुत नहीं हुआ है जिससे अनुमोदन हेतु मुहाल सभा के समक्ष लाया गया है। मुहाल सभा में उपस्थित सदस्यों ने विस्तृत चर्चा की तथा इस सम्बन्ध में सर्वसम्मति से प्रस्ताव पारित किया जाता है कि उपरोक्त कमेटीयों की सिफारिश उचित है तथा वन रक्षा अधिकार अधिनियम 2006 के अन्तर्गत कोई भी अनुसूचित जनजाति व अन्य परम्परागत वन निवासी दावा इत्यादी प्रस्तुत नहीं हुआ है। अतः इस मुहाल कमेटी में यह दावा शून्य समझा जाता है तथा सरकार द्वारा चलाई जा रही विभिन्न कल्याणकारी योजना व दूसरे जनहित कार्यों के लिए भविष्य में अनापति प्रमाण पत्र दिया जाना उचित होगा।

इस प्रस्ताव को सर्वसम्मति से पारित किया गया।

पेनी  
आई सदस्य  
अध्यक्ष  
विभागाध्यक्ष  
कमिश्नरी

प्रस्ताव की प्रतिलिपि उचित कार्यवाही हेतु उपायुक्त, चम्बा, उपमण्डलाधिकारी (ना0) चुराह, को भेजी जाती है।

Attest

District Revenue Officer,  
Chamba, Distt. CHAMBA (H.P.)

क्र.सं.	नाम	पद	हस्ता -
क्र.सं.	नाम	पद	हस्ता -
1	श्री गोतीराम	साधारण	सहोदर
2	श्री सुन्दर	आचार्य	१)
	श्री सुभाष-चन्द्र	साधारण	हिन्दी
4	श्री माते देवेंद्र देवी	१)	सहोदर
5	श्री अवैराज	१)	१)
6	श्री माते चोती	१)	हिन्दी
7	श्री मन्मथ	१)	१)
8	श्री सुन्दराम	१)	१)
9	श्री विमल	१)	१)
10	श्री अमर	१)	१)

अध्यक्ष      सचिव

Attest

कार्यलय वन अधिकार समिति राजस्व गांव/मुहल ..... ५७११ ..... ग्राम पंचायत ..... २२२६१ ..... दिनांक ०३-०९-२०१५

उप मण्डल चुराह जिला चम्बा हि० प्र०

प्रस्ताव संख्या ..... १ .....  
अध्यक्षता ..... श्रीमती रासम .....  
उपस्थिति ..... १०/१० .....  
विषय: - वन अधिकार समिति ..... ५७११ ..... द्वारा ..... ५७११ ..... मुहल के हितवद्ध व्यक्तियों से वन भूमि अधिकार के लिए दावों व आक्षेपों को आमन्त्रित करने हेतु।

ज्ञापन,

आज दिनांक ०३-०९-२०१५ को जो ..... १० ..... बजे वन रक्षा अधिकार समिति की बैठक बुलाई गई जिसकी अध्यक्षता श्रीमती रासम ने की है। आज इस कमेटी में यह विचार विमर्श हुआ कि इस मुहल में वन रक्षा अधिकार समिति का गठन हो चुका है तथा इस सम्बन्ध में वन भूमि के अधिकारों के लिए हितवद्ध व्यक्तियों के दावों व आक्षेपों पर विचार करने के लिए मुश्त्री मियादी व इश्तहार चर्चा करके दावे आमन्त्रित किये जाएं ताकि इस पर आगामी कार्यवाही की जा सके। प्रस्ताव को सर्वसम्मति से पारित किया गया तथा इस की सूचना उपायुक्त महोदय, चम्बा, उपमण्डल अधिकारी (ना०) चुराह, खण्ड विकास अधिकारी, तीसा व प्रधान ग्राम पंचायत ..... २२२६१ ..... को भेजी जाए।

क्रम संख्या	नाम	पद	हस्ताक्षर
१	श्रीमती रासम	अध्यक्ष	अध्यक्ष
२	श्री शुद्धदेव	सचिव	०)
३	प्रताप चन्द	अध्यक्ष	हिन्दी अध्यक्ष/ सचिव
४	श्रीमते देव देवी	०)	अध्यक्ष
५	श्री जे. राज	०)	०)
६	श्रीमति चैती	०)	हिन्दी
७	श्रीमिन्द्रो	०)	०)
८	श्रीमिन्द्रो	०)	०)
९	श्री प्रेमलाल	०)	०)
१०	श्री जयसिंह	०)	०)

Attested

District Revenue Officer  
Chamba, Dist. CHAMBA (H.P.)

Gyali Hydel Project (P) Ltd.  
Administration

कार्यलय वन अधिकार समिति राजस्व गांव/मुहाल ..... ग्राम पंचायत .....  
.....

दिनांक 04.04.2015

उप मण्डल चुराह जिला चम्बा हि0 प्र0

प्रस्ताव संख्या ....2.....

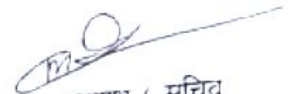
अध्यक्षता .....  
.....

उपस्थिति 10/10.....

विषय: - वन अधिकार समिति ..... द्वारा ..... मुहाल के हितवन्ध  
व्यक्तियों से वन भूमि अधिकार के लिए दावों व आक्षेपों को आमन्त्रित करने हेतु।

ज्ञापन,

आज दिनांक 04.04.2015 को जो ..... बजे वन रक्षा अधिकार समिति की बैठक  
अनुसूचित जनजाति व अन्य परम्परागत वनवासी अधिकारों पर बुलाई गई इस समिति द्वारा दिनांक 03.04.2015  
..... को बुलाई गई की समीक्षा की गई। समिति ने इस मुहाल में वन भूमि के अधिकारों हेतु मुश्तरी मियादी  
व इश्तहार इत्यादी द्वारा व्यापक प्रचार किया है ..... दिनों की अवधि व्यतीत हो जाने पर  
समिति के समक्ष कोई भी दावा व आक्षेप प्रस्तुत नहीं हुआ है इससे यह प्रतीत होता है कि किसी भी व्यक्ति  
को इस मुहाल की वन भूमि पर किसी किस्म का दावा व आक्षेप नहीं है तथा कमेटी भी यह विचार विमर्श  
करने उपरान्त महसूस करती है कि इस मुहाल की वन भूमि पर किसी किस्म का दावा व आक्षेप शून्य है  
तथा सरकार द्वारा चलाई जा रही विभिन्न कल्याणकारी योजनाओं व दूसरे जनहित कार्यों के लिए अनापति  
प्रमाण पत्र दिया जाना उचित होगा इस सम्बन्ध में ग्राम सभा के विचारार्थ प्रस्ताव भेजा जाए ताकि इस  
आगामी कार्यवाही हो सके।

  
अध्यक्ष / सचिव

पृष्ठांकन संख्या: - यथोपरि -

दिनांक, चुराह / / 2014

Attended

District Revenue Officer,  
Chamba, Distt. CHAMBA (H.P.)

कार्यालय ग्राम पंचायत चरडा

विकास खंड तीसा जिला चम्बा हि० प्र०

प्रस्ताव प्रतिलिपि

प्रस्ताव सं० 9

बैठक ग्राम पंचायत / ग्राम सभा

अध्याक्षता .... प्रधान श्री मति नूरवानो

उपस्थित 124/553

दिनांक 24/11/016

विषय -- Gayatri Hydel Project [p]Ltd को Banaula-Baroond SHP [5MW]On Chhurku Nala जो कि हिम उर्जा द्वारा आवंटित के निर्माण हेतु अनापति देने बारे।

उपस्थित ग्राम सभा सदस्यों के समक्ष प्रधान ने प्रस्ताव रखा कि Banaula-Baroond SHP [5MW]On Chhurku Nala जो कि हिम उर्जा द्वारा आवंटित है का निर्माण कार्य Gayatri Hydel Project [p]Ltd करवाना चाहती है ग्राम सभा में गहन विचार विमर्श उपरांत पारित किया कि उक्त कंपनी निम्न शर्तों पर कार्य कर सकती है जिस पर ग्राम सभा को कोई भी आपति नहीं है।

- 1 स्थानीय लोगो को योग्यता के अनुसार रोजगार दिया जाए
- 2 लोगो की जमीन व घराट आदि का उचित मुआबजा दिया जाए
- 3 पर्यावरण को किसी प्रकार का नुकसान न पहुंचाया जाए

  
Gayatri Hydel Project (P) Ltd  
Authorised Signatory

अतः उक्त शर्तों अनुसार Gayatri Hydel Project [p]Ltd कार्य करती है तो अनापत्ति प्रमाण पत्र उक्त कंपनी को सर्व सहमति आगामी कार्यवाही हेतू प्रेषित है ।

अतः सर्व सहमति से पारित प्रस्ताव की प्रतिलिपि श्री मान निदेशक हिम उर्जा SDA Complex कस्मपटी शिमला व निदेशक Gayatri Hydel Project [p]Ltd की सेवा में आगामी कार्यवाही हेतू प्रेषित है।

सचिव ग्राम पंचायत चरडा

Gayatri Hydel Project [p]Ltd

Authorised Signatory



(H.P. Govt. Energy Development Agency)

HIMURJA, Urja Bhawan SDA Complex Kasumpti Shimla-171009

PHONE-177-2620365, 2621783, 2625306, 2621623, FAX 177-2622636

No. HIMURJA/ SHP/Banuala Baroond (298 )/2015- 7294

Dated : 10/8/2015

To

✓ M/s Gayatri hydel Projects (P) Ltd, Mohalla  
Chagpat, Distt Chamba-176301

Sub:-

Consent for exclusive time bound right for preparation of Project Report for the  
Small Hydel Project Banuala Baroond ( 5.00 MW) in Chamba District, Himachal  
Pradesh.

Dear Sir,

I am directed to inform that after considering your application for the Self Identified project, the State Government has consented to give you the exclusive right for preparation of DPR for subsequent implementation of SHP in H.P. The details of the project for which consent has been granted is as below:-

Sr. No.	Name of the Project	River/ Stream	Distt.	Elevation Range (Diversion site to Tail race)	Estimated Capacity (MW)
1	Banuala Baroond	Churku tributary of Bhararu	Chamba	± 2000 to 1615 m	5.00

#### 1. FR FINALISATION

The IPP shall submit a comprehensive Feasibility Report (FR) to Himurja prepared by a reputed consultant within six months of issuance of this letter along with the credential of the consultant. Feasibility Report (FR) shall be based on actual Survey & Investigation containing site detail, hydrological data, location of project components, power studies for capacity determination, land requirements, layout plan, single line diagram, E & M equipment specifications and cost analysis etc. Extension of three (3) months subject to deposition of extension fee @ Rs 10,000/- per MW per month is allowable. If the IPP fails to submit Feasibility Report within extended period project is liable to be cancelled.

2. IPP shall have to deposit security, processing fee, upfront premium based on the allotted capacity within two months from the date of issuance of this consent.

#### 2.1. SECURITY (REFUNDABLE)

The Security charges (refundable) in the shape of Demand draft is to be furnished in favour of "DIRECTOR HIMURJA" payable at Shimla @ Rs. 50,000/- per MW. If the requisite documents such as PFR, Upfront premium and post allotment processing fee etc, as prescribed in the consent letter are not deposited in time, the project shall be cancelled and this amount will be forfeited. This amount will also be used as performance guarantee for different milestones and adjusted against extension charges that may have become due and were not paid in case of cancellation of project at any stage. (EMD deposited at the time of apply will be adjusted against Security)

The above security shall be refundable to IPP after signing of IA.

## 2.2 PROCESSING FEE (NON-REFUNDABLE)

Furnishing of the Processing Fee (non-refundable) in shape of Demand Draft in favour of "Director, HIMURJA" payable at Shimla. The processing fee for Himachali, Cooperative society/Company comprising of the bonafide Himachalis shall be Rs. 25,000/- upto 2 MW and beyond 2.00 MW upto 5 MW @ Rs.25,000/- + Rs.10,000/- per MW (for the capacity exceeding 2 MW). For others i.e. Non- Himachalis the processing fee shall be Rs. 2.00 lac per Project.

If an IPP enhances the capacity of already allotted Project after Technical Concurrence/ signing of IA, then the IPP shall be required to furnish the processing fee afresh at the rate specified above.

## 2.3 (a) UP-FRONT PREMIUM (NON REFUNDABLE)

Upfront premium (Non-refundable) shall have to be furnished in shape of Demand Draft in favour of Director Himurja, payable at Shimla.

Up-front premium shall be charged in two stages-

- @ Rs.45000/- per MW at the time of allotment of the project i.e. within two months from the date of this consent letter and
- Balance upfront premium @ Rs. 45000/- per MW at the time of signing of the IA.

Whereas for projects upto 2 MW upfront premium is exempted

2.3 (b) If after enhancement of capacity the capacity of the project remains upto 5 MW the IPP shall have to pay upfront premium @ Rs 90,000/- per MW on whole capacity.

- The IPP shall carry out the requisite detailed investigations and techno-economic studies of the Project and shall submit a Detailed Project Report to HIMURJA within a period of 24 months from the date of issue of this consent letter in consideration to Hydro Power Policy 2006 and its subsequent amendments from time to time.
- The IPP shall submit monthly discharge data and quarterly overall progress reports to Himurja on the Proforma attached at Annexure- 'A' & 'B'.
- Following milestones shall be binding on the IPP:-

Sr. No.	Milestones	Time Period
1	Feasibility Report Submission	Within six months from the date of Consent Letter before preparation of DPR. Feasibility Report (FR) shall be based on actual Survey & Investigation containing site detail, hydrological data, location of project components, power studies for capacity determination, Land requirements, Layout plan, single line diagram, E & M equipment specifications. Extension of three months with extension fee @ Rs. 10,000/- per MW per month. Consequences- Cancellation of project.
2	Feasibility Report Approval	Himurja will approve the Feasibility Report within two months from its submission or within 11 months (including extension obtained for submission of feasibility report if any) from the issue of consent letter.

3	Acquisition of Revenue record.	IPP has to obtain all the necessary revenue record required for implementation of project within Nine (9) months from the date of issuance of Consent Letter or within 12 months (including extension obtained for submission of feasibility report, if any) from the date of issuance of Consent Letter.
4	Submission of applications for all clearances/approval/consent to different departments	IPP has to submit applications for all the clearances/approval/consent applied within Eleven (11) months from the date of issuance of Consent Letter or within 14 months (including extension obtained for submission of feasibility report if any) from the date of issuance of Consent Letter.
5	Obtaining of all clearances/approval/consent	IPP has to obtain all the clearances/approval/consent within Twenty Four (24) months (including extension obtained for submission of feasibility report if any) from the date of Consent Letter.
6	Submission of Detailed Project Report (DPR) as per CEA/CWC Guidelines & within allotted/approved parameters with all clearances	Within 24 months from the date of issuance of Consent Letter or within 27 months including three (3) months extension for submission of FR, if three (3) months extension not availed at the time of FR, extension of three (3) months can be availed for submission of DPR for valid reasons by levying extension fee @ Rs 1000/- per MW for first month doubling in successive months, i.e. 1 <sup>st</sup> month Rs 1,000/-, 2 <sup>nd</sup> month Rs. 2000/-, 3 <sup>rd</sup> month 4000/-,
7	Grant of Technical Concurrence, preparation & submission of documents for signing of Implementation Agreement.	Technical Concurrence shall be accorded by Directorate of Energy (DoE), on behalf of the Government within 45 days from the date of receipt of the Detailed Project Report or within 28 months and 15 days (including extension obtained for submission of feasibility report, if any) from the date of issuance of Consent Letter and also complete all formalities for signing of IA.
8	Confirmation of Interconnection Point	Two months after the approval of FR, the IPP shall apply to the appropriate authority (Distribution/Transmission Licensee) for finalization/confirmation of interconnection point.
9	Signing of IA	Within 15 days of accordance of TC or within 29 months from the issuance of Consent Letter (including extension obtained for submission of FR/DPR, if any) whichever is earlier.
10	Achieving Financial closure including PPA if required and work started Concurrent action: Any balance clearances, consent/approval to be obtained.	IPP has to achieve the financial closure including PPA if required and obtain balance clearance/consent/approval, if any and start work on site within six (6) months after signing of IA or within 35 months (including, extension obtained for submission of feasibility report and DPR, if any) from the date of issuance of Consent Letter.

11	Project Commissioning	<p>Project must be commissioned within 24 months from the date of start of work. However, six (6) months extension in this period is allowable for valid reasons subject to deposition of extension fee or within 65 months (including extension obtained for submission of feasibility report/DPR submission/extension in construction period, if any) from the issue the date of issuance of Consent Letter.</p> <p>Extension charges applicable @ Rs 1000/- per MW for first month doubling in successive months, subject to maximum of Rs 10,000/- i.e. 1st month Rs 1,000/-, 2<sup>nd</sup> month Rs. 2000, 3<sup>rd</sup> month 4000/-, 5<sup>th</sup> month Rs. 10,000/- This part of charges will be payable upfront or with interest at project borrowing rates, after commissioning..</p>
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6. The IPP shall stick to the time schedule for the investigation of the project and submission of the FR and DPR. In the event of the IPP being unable to submit the FR and DPR within the stipulated period as mentioned in clause 1,3 & 5 in this letter, the IPP can seek extension for the delay for valid reasons within one month alongwith extension fee and maximum extension shall be as mentioned in clause No -5 of this letter. Extension fee for extension in time period for submission of DPR shall be @ -Rs 1000/- per MW for first month doubling in successive months, subject to maximum of Rs 10,000/- i.e. 1st month Rs 1000/-, 2<sup>nd</sup> month Rs. 2000, 3<sup>rd</sup> month 4000/-, 5<sup>th</sup> month Rs. 10,000/- and for FR extension fees shall be @ Rs. 10,000/- per MW per month. Non submission of DPR within the extended period shall result into cancellation of the project.
7. Detailed Project Report submission date shall be reckoned only after it has been found that the report is in conformity with CEA/ CWC guidelines & within allotted/approved elevation & stream. The reports and studies shall be prepared by reputed consultants who have experience of handling the complete task of geological & hydrological investigation, construction, erection, commissioning and operation of hydroelectric projects. Complete details of the consultants and their experience shall be included in the DPR or annexed therein.
8. HIMURJA, on receipt of Detailed Project Report (DPR), will scrutinize the DPR from the angle of allotted parameters and related aspects of the project as well as optimum utilization of the potential. After its scrutiny the HIMURJA will forward the DPR to Director of Energy, for concurrence of Technical Concurrence. During examination of DPR HIMURJA/ Director of Energy, may point out the defects and deficiencies affecting the Technical Concurrence. IPP is expected to make good the defects promptly and remove the defects or deficiencies, as pointed out by the HIMURJA/ Director of Energy, within 30 days from the dispatch of the communication. The IPP will obtain Techno Concurrence (TC) from Director of Energy, within 45 days from the date of submission of DPR.
9. If the performance of this consent or any obligation of IPP is prevented, restricted or interfered with for any reasons of: fire, explosion, epidemic, cyclone, earthquake, flood, unforeseen natural calamity, war, revolution, requirement of any Government or any sub-division authority or representative of any such Government in respect of the aforesaid conditions, or any other act whatsoever, whether similar or dissimilar to those enumerated, beyond the reasonable control of the party hereto; the party so affected upon giving prompt notice to other party shall be excused from such performance to the extent of such prevention, restriction or interference for the period it persists provided that the party so affected shall make its best efforts to avoid or remove causes of non-performance. If possible, the party so affected shall continue performance hereunder with the utmost dispatch whenever such causes are removed. If the force majeure such as war, civil war, insurrection, riots, revolutions, fires, floods, epidemics, quarantine, restrictions, freight embargoes, radioactivity, earthquakes, cloudbursts, landslides

and excessive snow persists for continuous period of the consent letter or more, the parties shall meet and decide about the further course of action.

10. In case the IPP does not find the Project to be feasible from techno-economic considerations or from any other aspect, the IPP shall hand over to the HIMURJA all the Project Reports and any other connected documents etc. as may have been collected and/or prepared by the IPP during the course of investigations.
11. The Government after having concluded that the Project is techno-economically viable may enter into an Implementation Agreement with the IPP within 15 days of accordance of TC or within 29 months after issue of consent letter ( including extension if any ) whichever is earlier. IPP will give request for signing IA and deposit requisite charges for signing of IA for the execution of project on terms and conditions in accordance with H.P. Hydro Power Policy 2006 read with various amendments in it notified from time to time.
12. The IPP shall set up its office within State of Himachal Pradesh after signing of Implementation Agreement and furnish the proof thereof.
13. (i) This consent shall be restricted within the approved parameters of this consent letter i.e. to utilize water of Churku tributary of Bhararu Nala/stream in elevation range between EL  $\pm$  2000 to 1615 m (i.e. Diversion weir to Tail race) on Left/Right Bank of on which this project is envisaged unless otherwise approved by the H.P. Government. The H.P. Govt. shall be at liberty to cancel the consent, if any violation on this account is discovered at a later stage.
- (ii) As per laid down guidelines riparian distance of 50mtrs elevation wise or 250m horizontal distance is to be maintained between two projects to allow visible flow of water in the stream/Nalla while carrying out detailed survey, failing which the allotment is liable to be cancelled for violation of the same.
- (iii) In case of any conflict about a site, due to other allotment on the same stream/nallah etc. the State Government/Himurja shall have the right to take the decision about the Consent letter and this decision shall be final and binding on the concerned parties.
- (iv) If it is discovered at later stage that project components are coming up in Wild Life Sanctuary/National Park the project shall stand canceled without paying any compensation or an alternative site.
14. NOCs of IPH, HPPWD, Revenue, Fisheries and Wild Life are not required with DPR. However, clearances and compliance of norms & conditions of the departments shall be ensured by the developers before and during execution.
  - (i) The norms and terms and conditions of IPH, PWD and Revenue Department shall be Annexed with the Implementation Agreement and developer shall abide by them.
  - (ii) No project should be allotted in Wild Life Sanctuaries/Parks/areas. If later on the project comes within the boundaries of Wild Life Sanctuaries/Parks/areas by way of redefining boundaries of Wild Life Sanctuaries/Parks/areas, IPP shall have to surrender the project immediately without any claim.

hmb

- (iii) No NOC of Fisheries Department is required. Only where projects are allotted in the streams where Fisheries department has its conservations and development projects, the developers will comply with all the instructions/directions of Fisheries Department and take into account impact in Feasibility Study, DPR and during project execution.

**Charges payable-**

- a) No charges for projects upto 2 MW.
  - b) For other only per MW charges at the rate of Rs 50,000/- per MW.
  - c) No additional charges for length of stream so as to avoid inspections.
  - d) Where any development conservation projects of Fisheries Department are impacted separate charges as per Fisheries Department proposal.
- (iv) NOC of Gram Panchayat – Effective consultation shall be done with Gram Panchayats and their objections and suggestions shall be heard and decided by SDM by way of a reasoned speaking order. Aggrieved parties have right to appeal before D.C. and thereafter Principal Secretary (Power).

Single joint committee will clear all aspects of projects for statutory clearances.

15. NOCs from different Departments shall be furnished in shape of, self attested copies; to the HIMURJA. The IPP is required to furnish an affidavit, on Rs. 5/- stamp paper duly notarized, to the effect that all the conditions in the NOCs obtained from the different Departments and Gram Panchayat shall be abided by them, incase an IA is signed with the IPP later on.

16. The receipt of this communication and acceptance of consent conditions aforesaid will be acknowledged within one month and the affidavits, security charges, processing fee and upfront premium within two months from the date of issue of this letter. In case, IPP's confirmation is not received or security, processing fee and other relevant essential documents, not deposited by the due date it shall be presumed that IPP is not interested in taking up the project and consent shall be treated as withdrawn.

**17. ROYALTY**

In the event of this project being awarded to you for implementation, a separate agreement called Implementation Agreement shall be executed for supplying the royalty on water usages in shape of free power royalty (Energy) as per the following rates or the rates applicable as per policy of the State Govt. at the time of signing of Implementation Agreement.

- a) Small Hydro Electric Projects upto 2 MW allotted after 2006 Hydro Policy, where power is consumed in HP by HPSEBL free power payable to State and Local Area Development Fund shall be 2%, 12% and 18% (2% for first 12 years, 12% for next 18 years & 18% for remaining period of to 10 years).
- b) For Other Projects- The Free power royalty liable to be charged for projects with an installed capacity upto 5 MW will be at the rate of 12%, 15% & 24% (12% for first 12 years, 15% for next 18 years & 24% for remaining period of 10 years) for captive use or third party sale outside the state or the rates applicable as per policy of the State Government at the time of signing of IA. For captive consumption within the state or sale to HPSEB Ltd. or its successors the concessional royalty rates shall be 6%, 15% and 24% (6% for first 12 years, 15% for next 18 years & 24% for remaining period of 10 years). In case of capacity enhancement beyond 5 MW rates notified by government shall be applicable.

The IPP shall provide an additional 1% (one percent) free power over and above the rates existing at 20 (a&b) for Local Area Development Fund (LADF) aimed at providing regular stream of revenue for income generation and welfare schemes, creation of additional infrastructure and common facilities etc. on a sustained and continued basis over the life of the project. This fund would be available in the form of an annuity over the entire life of the project.

18. The balance energy, after adjustment of free energy, may be used/sold by the Second Party in the following manner :-

- (a) Free energy shall be made available by the Second Party at the interconnection point to the HPSEBL, wherein HPSEBL will buy power from SHPs upto 2.00 MW, if the developer so choose, provided that free power to the State is also as per 2006 Policy and the metering shall be done at this point. For SHPs above 2.00 MW upto 5.00 MW, HPSEBL will formulate an objective, prudent and transparent power purchase policy, keeping in view load centre, evacuation cost, line losses, hydrology etc.

Solid tap connectivity at the nearest or 11 kV or 22 kV line upto 2 MW capacity generation capacity will be allowed, with appropriate protection.

To ease Liquidity, Commission will determine two sets of levelised tariff i.e. one for first 5 to 10 years, which may be higher and 2<sup>nd</sup> set for balance period

No wheeling/transmission charges shall be payable for free energy from the generating station to the interconnection point.

- (b) Make captive use or negotiate Third Party sale within the State or evacuate power for captive use or sale outside the State. The wheeling or transmission charges in this regard will be set by the HPERC based on petitions by the parties.

**19. TRANSFER OF PROJECT TO SUBSIDIARY GENERATING COMPANY/ DILUTION OF SHARES.**

- 19.1 For Non-Himachalis:- The Government may consider the request of the allottee company for change in name/dilution of shares of original allottee company subject to the condition that the Original allottee shall retain the controlling interest i.e. 51% equity in the new entity upto Six months after actual commissioning of the project and thereafter allowed to freely sell/divest the project. However, equity shares to the extent of 100% can be transferred to Himachali at any stage after allotment. In the event of any contravention, the Government of H.P. shall terminate the Consent Letter forthwith at any stage.

- 19.2 (a) For Himachalis: In case of bonafide Himachalis /Co-operative Societies/Companies/Voluntary Societies/Trust/Partnership concerns/Sole Proprietorship concerns comprising wholly of bonafide Himachalis to whom project upto 2 MW and above 2MW to 5MW capacity is allotted, the Government may consider the request of the promoters to transfer ownership wholly or partially to any other bonafide Himachalis / Co-operative Societies/Companies/Voluntary Societies/Trust/Partnership concerns/Sole Proprietorship concerns comprising wholly of bonafide Himachalis, at any stage after allotment.

- 19.2 (b) Incase of bonafide Himachalis to whom Projects upto 2.00 MW capacity is allotted, Change in name/dilution of shares by Himachali allottee to non-Himachalis shall be allowed to the extent of 26% at any stage and full disinvestment after six months of actual commissioning of project.

19.2 (c) In case of bonafide Himachalis to whom Projects above 2.00 MW and upto 5.00 MW capacity is allotted, Change in name/dilution of shares by Himachali allottee to non-original allottee shall be allowed to the extent of 49% at any stage subject to the condition that original allottee shall retain the controlling interest i.e. 51% equity in the new entity upto six months of actual commissioning of project.

20. For projects upto 5 MW, HPSEB Ltd., or its successor entity shall buy the power at the tariff notified from time to time by Himachal Pradesh Electricity Regulatory Commission.

21. Alongwith the acceptance of the consent letter, the following shall also be furnished by the IPP: "An affidavit on a stamp paper of Rs.5/-only (duly notarized) to the effect that not more than three projects (including this project) are under execution with the allottee company/firm and the promoters of the company /firm".

22. Other conditions of Hydro Power Policy 2006 read with amendments to the same notified from time to time shall be applicable to the developer/IPP which shall also be mentioned as, "that the Hydro Power Policy, 2006 alongwith amendments from time to time shall be abided by him during the occupancy of the project", in the affidavit to be submitted under point no. 21 above as second point.

23. HIMURJA/ H.P. Government shall provide necessary assistance in obtaining clearances at State level.

24. This consent letter is being issued in lieu of MOU and no separate MOU shall be signed by the government.

25. This consent letter is being issued under the orders and authorization of Deptt. of Non-Conventional Energy Sources, Govt. of Himachal Pradesh.

26. If Upfront premium, security charges and processing fee are not deposited within two months from the date of consent letter the project is liable to be cancelled.

27. In case at any stage it is found that this small hydro Electric Project is prejudice to overall optimum development of the river, the government reserves the right to cancel the allotment of the project without any liability/limitations.

28. The DPR of the project is to be completed within the specified time i.e. 24 months (excluding extension of 3 months) failing which project shall stand cancelled.

29. The State Government and the local right holders shall have the right over use of water for irrigation and drinking water supply.

30. The Govt. reserves the right to modify, delete or add any of the conditions, criteria, at its own discretion and shall be at liberty to withdraw the consent if at a later stage it is found that some information has been suppressed or false information has been supplied by IPP about the project.

31. **CAPACITY EXCEEDING 5MW AFTER ENHANCEMENT.**

If the capacity of the allotted project is enhanced above 5MW, all the charges payable as per Policy for the projects above 5 MW including additional free power royalty are to be paid by the applicant afresh on whole capacity of the project.

*form*

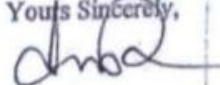
Note:

- (1) The DPR shall clearly bring out the percentage potential utilization of the site and it would be preferable if the DPR demonstrates that the proposal shall lead to more than 75 % of the potential utilization of the site in a 75% dependable year. Capacity utilization factor (CUF) is to be kept between 55% to 60%  $\pm$  2 %.
- (2) Capacity firmed up in the DPR shall be treated as final subject to approval from Government in case of enhancement for according TC and signing of IA.

In case of default of any of the time frame and/or conditions of this consent letter, the Government shall be at liberty to withdraw the consent and forfeit the security and the project can thereafter be granted to other suitable party.

Himurja and H.P. government welcome you to the fraternity of independent power producers engaged in the infrastructural development of the State and reiterates its commitment to facilitate entrepreneurs in the State for over all growth and development, and wish your project all the success.

Yours Sincerely,



( Er K. L. Thakur )  
Project Director cum  
Dy Chief Executive Officer,  
HIMURJA, Urja Bhawan,  
Kasumpti, Shimla-171009.

Dated: -

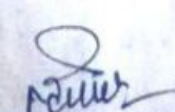
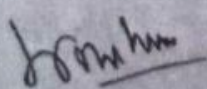
Endst. No.: - A/A

1. Copy is forwarded to the following for information and necessary action:-

- i) Additional Chief Secretary /Principal Secretary/Secretary (Forests/Revenue/I&PH/PWD/ Environment & S.T./ RD & Panchayati Raj / Fisheries) to the Govt. of H.P., Shimla-2.
- ii) Principal CCF (Wild Life), Himachal Pradesh.

All the Departments are requested to render necessary assistance to the IPP to prove or otherwise the feasibility and desirability of the project and formulation of the DPR. This consent be treated as Government permission to the IPP for investigating the project and obtaining various clearances for submission of DPR and possible setting up of the Small Hydro Power Project as described in the letter above.

2. Additional Chief Secretary (NES), to the Govt. of H.P. w.r.t letter No. NES-F (2)-3/2015 dated 07/08/2015 vide which approval has been accorded.
3. The Director (SHP) MNRE Block No.-14 CGO Complex, Lodhi Road, New Delhi-110003 for information please.
4. Director, Directorate of Energy, Shanti Bhawan, Phase-III, Sector-6, Shimla-171009 for information please.
5. M.D. HPTCL Barowalia House, Kahalini Shimla -171002 for information.



DIVERSION OF 1.0188 HA. OF FOREST LAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)

FILE NO. : FP/HP/HYD/149103/2021

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER:-23

**ANNEXURE - A**

**1. Details regarding Transmission Lines**

Sr. No.	Particulars	Remarks
1.	Voltage of Transmission Line (KV)	11kv
2	Total length of the Transmission Line	552.57 M
3	Length passing through forest area	552.57M
4	Right of Way	7 M
5	Number of Towers to be erected	7(00-38-68 Hact. Forest Land)
6	Number of Towers to be erected in forest area	7
7	Height of Transmission Towers	9 M

**1. Details regarding Road / Railway Lines**

Sr. No.	Particulars	Remarks
1.	Length and width of the strip and forest area required	170 m Length x 4.00 m Width and Area- 00-06-80Ha.
2	Total length of the road	170 m
3	Length of the road already constructed	Nil
4	Length of the road passing through forest	170 m

Place : Chamba

Dated : 26/7/22

For Gvatri Hydro Project P. Ltd.

Gvatri Hydro Project P. Ltd.

Authorized Signatory

DIVERSION OF 1.0188 HA OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I SMALL HYDRO PROJECT 2MW IN  
 TEHSIL CHURAH DISTRICT CHAMBA (H.P)  
 FILE NO. : FP/HP/HYD/148103/2021  
 DATE OF PROOSAL :

**ANNEXURE - "C"**  
**PROFORMA - IV (Refer item no. 9(I) to (IV))**

**STATEMENT SHOWING DETAILS OF THE ROAD TO BE CONSTRUCTED FROM PWD ROAD NEAR HPPWD ROAD TO  
 BANUALA BAROOND-I POWER HOUSE IN DISTRICT CHAMBA, HIMACHAL PRADESH**

Sr. No	R.D no. from	R.D no. to	Distance in Meters			Width of right of way (meter s)	Area of the road			Name of village and forest nearby	Muck debris to be produced (Total) '000 M <sup>3</sup> with swollen factor@45%	Muck debris to be used locally '000M <sup>3</sup>	Muck debris to be dumped '000M <sup>3</sup>	Remarks
			In forest land	In non forest land	Total		In forest land (sq.mt) (4 X 7)	In non forest land (sq.mt) (5 X 7)	Total (sq.mt) (4 X 7)					
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
1.	0	100	100	NIL	100	4.00	400	NIL	400	Prabha	200*45/100=90 200+90=290	116	174	40% of muck produced will be used for back filling of retaining/Brest walls, producing aggregates and filling up of culvert embankment.
2.	100	170	70	NIL	70	4.00	280	NIL	280	Prabha	100*45/100=45 100+45=145	58	87	-do-
													<b>Total=261 M3</b>	

Hydel Project (P) Ltd  
 Authorised Signatory

DIVERSION OF 1.0188 HA. OF FOREST LAND FOR CONSTRUCTION OF BANUALA BAROOND-I SMALL HYDRO PROJECT 2MW IN  
TEHSIL CHURAH DISTRICT CHAMBA (H.P.)  
FILE NO. : FP/HP/HYD/148103/2021  
DATE OF PROPOSAL : 7/10/2021

ANNEXURE - "E"

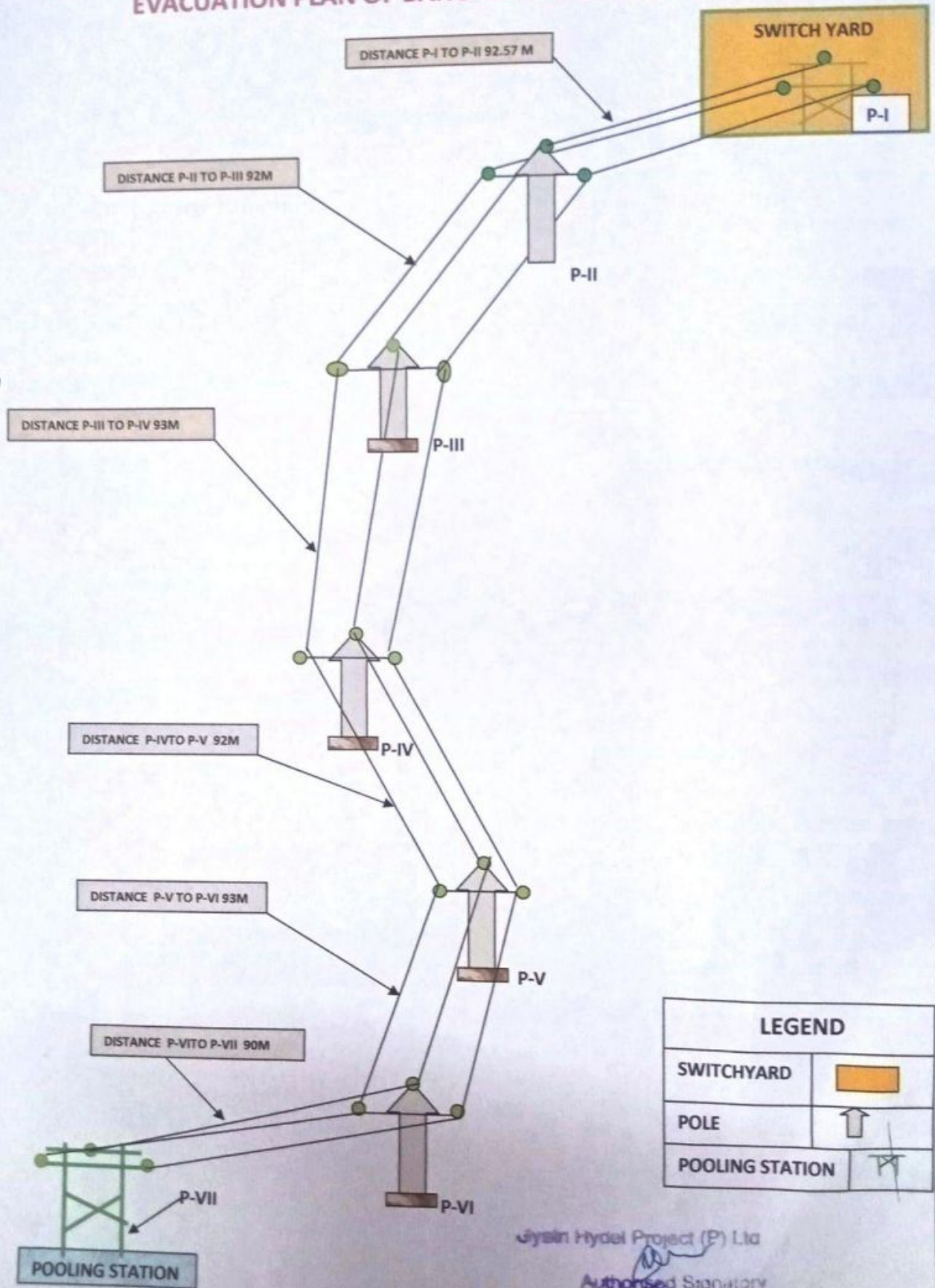
**PROFORMA - I (See Note Below Item No. 7)-----+\***

**STATEMENT SHOWING POLE TO POLE DISTANCE AND REQUIREMENT OF DIFFERENT KINDS OF LAND FOR 11 KV  
TRANSMISSION LINE FROM POWER HOUSE TO POOLING STATION IN DISTRICT CHAMBA, HIMACHAL PRADESH**

Sr. No.	Tower no. & its type		Length in (mts) between 2 & 3 (Total)	Length in		Name of forest land (Strip)	Width of right of way (mts)	Area to be used in		Total area to be used (9+10)	No. of trees in forest land		Remarks
	From	To		Forest land (mts) (out of 4)	Non forest land (mts) (out of 4)			Forest Land (5 X 8)	Non forest Land (6 X 8)		Enumera ted	To be felled	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
1.	1	2	92.57	92.57	-	Prabha	7.00	92.57	-	648	-	-	No Felling of Trees involved in the laying the Transmissio n Line in forest land
2.	2	3	92	92	-	Prabha	7.00	92	-	644	-	-	
3.	3	4	93	93	-	Prabha	7.00	93	-	651	-	-	
4.	4	5	92	92	-	Prabha	7.00	92	-	644	-	-	
5.	5	6	93	93	-	Prabha	7.00	93	-	651	-	-	
6.	6	7	90	90	-	Prabha	7.00	90	-	630	-	-	
<b>TOTAL</b>		<b>7 POLE</b>						<b>L= 552.57</b>	<b>AREA=0-38-68 HAC.</b>				

Gy. Prabin Kumar Project (R). Ltd  
Authorized Signatory

# EVACUATION PLAN OF BANUALA BAROOND -I SHEP 2MW



## JOINT INSPECTION REPORT

We the undersigned have jointly inspected the area Proposed for Diversion in favour of **M/s Gyatri Hydel Projects Pvt. Ltd.**, Mohalla Charpat P.O, Tehsil and District Chamba, Himachal Pradesh for setting up **2 MW Banuala Baroond-I Small Hydro Power Project** on Churkhu Stream District Chamba, Himachal Pradesh on 07-11-2020.

The project requires a total area of **01-0188** hectare forest land, for different components viz., Intake on Churkhu stream, Desilting cum Forebay Tank , Power Channel, Penstock, Power House, Switchyard, Tail Race Channel, Muck Dumping Sites, approach road to Powerhouse, Transmission Line from Power House to 11kV Line of HPSEBL near village Bhararuin in Tehsil Churah , District Chamba (H.P.)

The details of Forest Land area as under :

SL. NO	MOHAL	KHASRA NO.	COMPONENT / DESCRIPTION	AREA IN FOREST LAND (B-B-B)	AREA IN PRIVATE LAND (B-B-B)	AREA IN SQ. METER	AREA IN FOREST LAND (Sq.m)	AREA IN PRIVATE LAND (Sq.m)	CLASSIFICATION OF LAND
1	PRABHA	275 / 1	WEIR SITE	00-01-12	-	65.00	65.00	-	Gair Mumkin Nali
2	PRABHA	346 / 334 / 264 / 1	CONVEYANCE CHANNEL	00-04-04	-	170.00	170.00	-	Charagah Bil Darakhtan
3	PRABHA	346 / 334 / 264 / 2	D-TANK CUM FOREBAY	00-08-15	-	354.00	354.00	-	Charagah Bil Darakhtan
4	PRABHA	346 / 334 / 264 / 3	PENSTOCK PIPE	00-15-16	-	639.00	639.00	-	Charagah Bil Darakhtan
5	PRABHA	346 / 334 / 264 / 4	SILT FLUSHING	00-01-10	-	61.00	61.00	-	Charagah Bil Darakhtan
6	PRABHA	346 / 334 / 264 / 5	DUMPING SITE - I	00-04-04	-	170.00	170.00	-	Charagah Bil Darakhtan
7	PRABHA	346 / 334 / 264 / 6	DUMPING SITE - II	00-03-10	-	142.00	142.00	-	Charagah Bil Darakhtan
8	PRABHA	123 / 1	PENSTOCK PIPE	00-00-04	-	8.00	8.00	-	Gair Mumkin Nali
9	PRABHA	306 / 114 / 1	PENSTOCK PIPE	00-18-00	-	728.00	728.00	-	Charagah Bil Darakhtan
10	PRABHA	350 / 344 / 311 / 1	PENSTOCK PIPE	00-00-12	-	24.00	24.00	-	Charagah Bil Darakhtan

11	PRABHA	111/1	PENSTOCK PIPE	00-12-14	-	514.00	514.00	-	Charagah Bila Darakhtan
12	PRABHA	111/2	DUMPING SITE - III	00-04-16	-	194.00	194.00	-	Charagah Bila Darakhtan
13	PRABHA	286/96/1	PENSTOCK PIPE	01-12-00	-	1295.00	1295.00	-	Charagah Bila Darakhtan
14	PRABHA	286/96/2	POWER HOUSE COMPLEX CUM SWITCH YARD	01-02-10	-	910.00	910.00	-	Charagah Bila Darakhtan
15	PRABHA	286/96/3	ROAD & TRANSMISSION	01-05-18	-	1048.00	1048.00	-	Charagah Bila Darakhtan
16	PRABHA	286/96/4	DUMPING SITE - IV	00-03-17	-	156.00	156.00	-	Charagah Bila Darakhtan
17	PRABHA	286/96/5	DUMPING SITE - V	00-04-04	-	170.00	170.00	-	Charagah Bila Darakhtan
18	PRABHA	286/96/6	TAIL RACE	00-01-00	-	40.00	40.00	-	Charagah Bila Darakhtan
19	PRABHA	284/81/1	ROAD & TRANSMISSION	01-18-00	-	1538.00	1538.00	-	Charagah Bila Darakhtan
20	PRABHA	284/81/2	TRANSMISSION	00-02-15	-	111.00	111.00	-	Charagah Bila Darakhtan
21	PRABHA	74/1	TRANSMISSION LINE	00-01-12	-	65.00	65.00	-	Charagah Bila Darakhtan
22	PRABHA	64/1	TRANSMISSION LINE	00-00-10	-	20.00	20.00	-	Gair Mumkin Rasta
23	PRABHA	77/1	TRANSMISSION LINE	00-13-04	-	534.00	534.00	-	Charagah Bila Darakhtan
24	PRABHA	62/1	TRANSMISSION LINE	01-10-09	-	1232.00	1232.00	-	Charagah Bila Darakhtan
TOTAL				12-11-16	-	10188	10188	0	
TOTAL AREA IN HECTARES				01-0188 HECTARES					

It was also observed that the proposed approach road alignment is taking off from the HPPWD Road. The ROW (Right of Way) for the Transmission line has been taken as 7 m and it will be in common with road alignment for 200 m length. Three numbers of Dumping Sites have been proposed in the Project.

The Joint Inspection team has examined all the alternatives with a view to avoid / minimize the use of forest land

and we have come to the conclusion that land of the above Khasra Nos. of forest land is the minimum required land for the construction of Banuala Baroond -I Small Hydro Project and so is absolutely essential.

*Namdar*  
Sub Divisional Officer (Civil)

*Tiasa*  
Sub Divisional Officer (Civil).  
**CHURAH**  
Distt. Chamba HP

*YSM*  
Divisional Forest Officer  
**Divisional Forest Officer**  
Forest Division Chamba  
**CHAMBA 176310**  
Distt. Chamba HP

*Am*  
**Range Forest Officer**  
**Tikri Forest Range**  
Range Forest Officer  
**TIKRI**  
Tikri Range  
Chamba Forest Division

*ma*  
Project Officer  
**Project Officer**  
**HIMURJA Chamba (H.P.)**  
HIMURJA Distt. Chamba HP

Gyatri Hydel Projects Pvt. Ltd.  
*namu*  
**Gyatri Hydel Priect (P) Ltd.**  
Authorized Signatory  
Authorized Signatory  
5

DIVERSION OF 1.0188 HA. OF FOREST LAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)

FILE NO : FP/HP/HYD/148103/2021

DATE OF PROOSAL :

Checklist No-24

**COMPONENT WISE DETAIL OF LAND REQUIRED FOR CONSTRUCTION OF BANUALA BAROOND-I SHEP**

Sr. No.	COMPONENTS	LEANGTH	BREADTH	Khasra Number / Survey or Compartment Number or Km Stone.	Forest Area proposed for Diversion (HA)
1	WEIR SITE	13	5	275/1	00-00-65
2	CONVEYANCE CHANNEL	85	2	346/334/264/1	00-01-70
3	D-TANK CUM FOREBAY	26	13.60	346/334/264/2	00-03-54
4	PENSTOCK	955	3.36	346/334/264/3 123/1,306/114/1 350/344/311/1,111/1 286/96/1	00-32-08
5	SILT FLUSHING	30.50	2	346/334/264/4	00-00-61
6	POWER HOUSE COMPLEX AND SWITCH YARD	37	24.60	286/96/2	00-09-10
7	TAIL RACE CHANNEL	20	2	286/96/6	00-00-40
8	ROAD	170	4	286/96/3,284/81/1	00-25-86
10	TRANSMISSION LINE	170	7		
		102.2	7		
11	TRANSMISSION LINE	280.2	7	284/81/2,74/1,64/1,77/1 62/1	00-19-62
12	DUMPING SITE-I	17	10	346/334/264/5	00-01-70
13	DUMPING SITE-II	14.2	10	346/334/264/6	00-01-42
14	DUMPING SITE -III	19.4	10	111/2	00-01-94
15	DUMPING SITE-IV	15.6	10	286/96/4	00-01-56
16	DUMPING SITE -V	17	10	286/96/5	00-01-70

**Total Area**

**1.0188 Hact.**

Place : Chamba

Dated : 2/3/2022

Divisional Forest Officer  
Chamba Forest Division  
160/11 CHAMBA RZUSING

For Gyan Hydro Project (P) Ltd.  
Gyan Hydro Project P. Ltd.  
Authorized Signatory

DIVERSION OF 1.0188 HA. OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I SMALL HYDRO  
PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P.)  
FILE NO. : FP/HP/HYD/14093/2021  
DATE OF PROOSAL :

### UNDERTAKING

I, Ved Vyas Thakur , Authorised Signatory for M/s Gyatri Hydel Projects Pvt. Ltd. having its office at Mohalla Charpat, PO, Tehsil and District Chamba, HP 176310 have applied for diversion of 1.0188 ha. Of forest land for the purpose of execution of BANUALA BAROOND-I SHP (2MW), in Distt. Chamba HP.

I hereby submit that the TEC is under process and the IA shall be signed after TEC is accorded. I hereby undertake that the Techno economic concurrence (TEC) and Implementation agreement (IA) shall be submitted before the final approval of the above said forest land.

Place : Chamba

Dated :

20/9/21  
7/11/2021

For Gyatri Hydel Projects Pvt. Ltd.

Gyatri Hydel Projects Pvt. Ltd.  
Authorised Signatory

HIMACHAL PRADESH  
IRRIGATION CUM P.H. DEPARTMENT

No.AE-IPH-TSD-NOC/2016- 443 - 444  
To,

Dated-27/5/2016

The Executive Engineer,  
IPH.Division Salooni  
Distt.-Chamba  
Himachal Pradesh

Sub-

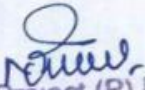
No Objection Certificate.

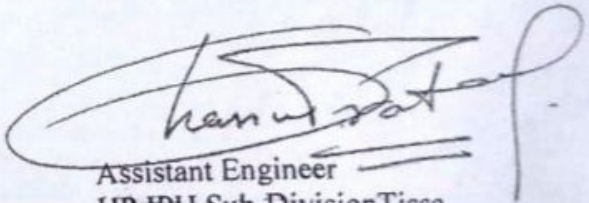
This department has no objection for the construction of Banoula Baroond S.H.P ( 5 MW ) on chhurku Nallah a tributary of Bhararu Nallah & Sub- tributary of chanju Nallah in Tehsil Churah, Distt. Chamba ( H.P.) subject to following conditions:-

1. If any damage happens to the existing structure of department then all the expenditure will be beared by the construction company.
2. In future on the basis of public demand if any new water supply scheme or irrigation scheme will be constructed by department then water as required should be released without any obstruction.

Assistant Engineer  
HP IPH Sub-Division Tissa,  
Distt. Chamba (H.P.)

Copy to Gayatri Hydel Project Mohalla charpat Distt. Chamba (H.P.) 176310.

  
Gayatri Hydel Project (P) Ltd  
Authorised Signatory

  
Assistant Engineer  
HP IPH Sub-Division Tissa,  
Distt. Chamba (H.P.)

No. FSH-F (2) 4-39/2015 ARC-  
Directorate of Fisheries,  
Himachal Pradesh.

Registered

The Director cum Warden of Fisheries,  
Himachal Pradesh

M/s Gayatri Hydel Projects(P) Ltd.,  
Muhalla Charpat, District - Chamba(HP)-176301.

Dated Bilaspur-174001 the,

Obtaining of NOC for construction of Banuala Bargond (5.00 MW) in  
Tehsil Churah, Distt Chamba (H.P.) Requisition for Fisheries  
Development Fund(FDF) - Regarding

I invite a reference of your letter No. GHPP-Banuala Bargond 2016-1771, dated  
27.01.2016 regarding above cited subject

In light of provisions contained in clause 14(ii) of Hydro Power Policy 2006 as  
revised by the Govt. of H.P., Department of MPP & Power vide Notification No. MPP-F(1)2/2005 VIII,  
dated 4<sup>th</sup> March, 2014, and clarifications received vide letter No MPP-F(1)2/2005-IX dated 02.08.2014,  
you are requested to deposit ₹2.50 Lac (Rupees Two Lac & Fifty Thousand) only with this office through  
Demand Draft favouring Director-cum-Warden of Fisheries, H.P. Bilaspur, payable at any Nationalized or  
State Co-operative bank branch located at Bilaspur(H.P.) along with duly notarized/attested affidavit for  
the disposal of silt and sustenance of aquatic fauna. Specimen of affidavit can be downloaded from our  
department's website <http://hpfisheries.nic.in/welcome.asp>.

Power of attorney/authority letter in favour of authorized signatory who shall  
sign the affidavit on behalf of company duly accompanied with copy of resolution passed by the Board  
of Directors in favour of authorized signatory may also be sent to this office.

Yours faithfully,

(Gurcharan Singh)

Director-cum-Warden of Fisheries,  
Himachal Pradesh, Bilaspur

E-mail: [fish@hpfisheries.nic.in](mailto:fish@hpfisheries.nic.in)  
Tel/Fax: 0191-2220068

Dated 29.2.2016

Encl No. As above 12041-07

Copy forwarded for favour of information to:-

1. The Additional Chief Secretary (Fisheries) to the Government of H.P., Shimla-2
2. The Project Director-cum Dy. CEO, HIMURJA, SDA Complex, Kasumpti, Shimla-9(H.P.)
3. The Assistant Director of Fisheries, Chamba, Distt Chamba (H.P.)
4. Incharge, Web Cell, Directorate of Fisheries HP for information and n/a.

Gyatri Hydel Project (P) Ltd

Authorized Signatory

(Gurcharan Singh)

Director-cum-Warden of Fisheries,  
Himachal Pradesh, Bilaspur

E-mail: [fish@hpfisheries.nic.in](mailto:fish@hpfisheries.nic.in)  
Tel/Fax: 0191-2220068

## GYATRI HYDEL PROJECTS PVT. LTD.


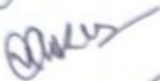

MOHALLA CHARPAT PO, TEHSIL AND DISTT. CHAMBA HP- 176301  
Correspondence Address— c/o Nodhar Ram Village Gholti PO Sarol Tehsil and Distt.  
Chamba HP Mob. No. 7018349447, 7831831053 Email Id— mkapoor.8000@gmail.com

Ref.No.- GHPPL/FCA/AS/65/21

Dated ——— 15/8/21

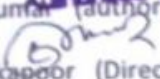

### AUTHORISED SIGNATORY

This is to be certifying that Sh. Ved Vyas Thakur S/o Sh. N R Thakur resident of Village Gholti PO sarol tehsil and Distt. Chamba HP 176310 is here by authorized to sign all documents and undertakings on behalf of Gyatri Hydel Projects Pvt. Ltd. to file the case of land diversion under FCA 1980 and correspondence to different concerned departments of Govt. of HP for the execution of Banuala Baroond-I small hydro power project 2.00 MW in Distt. Chamba HP and his signatures are attested and appended below

1. 
2. 
3. 

For Gyatri Hydel Projects Pvt. Ltd.

Authorized Signatory  
Gyatri Hydel Projects (P) Ltd

1. Sh. Raman Kumar (Authorized Signatory)
2. Sh. Shammi Kapoor (Director) 
3. Sh. Surinder Kumar (Director) 

DIVERSION OF 1.0188 HA. OF FORESTLAND FOR CONSTRUCTION OF BANUALA BAROOND-I  
SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)

FILE NO .. : FP/HP/HYD/148103/2021

DATE OF PROOSAL :

### RECLAMATION PLAN

#### BANUALA BAROOND-I HYDRO PROJECT(2MW) DISTRICT CHAMBA (H.P)

Dumping site for disposal of muck have been identify with due consideration of its distance and suitability of the area and topography point of view.

Accordingly the following sites have been identified

Sr.no	Description	Mohal	Khasra No.	Area in Sqm
1	Dumping site -I	Prabha	346/334/264/5	170.00
2	Dumping site -II	Prabha	346/334/264/6	142.00
3	Dumping site--III	Prabha	111/2	194.00
4	Dumping site-IV	Prabha	286/96/4	156.00
5	Dumping site-V	Prabha	286/96/5	170.00

#### Rehabilitation proposal

Since there is no displacement of any population due to the construction of the road there will be no rehabilitation problem

#### Afforestation

Compensatory Afforestation shall be carried out by the forest department for compensation shall be paid by the user agency. Area to be taken for Afforestation shall be twice the forest land required for the construction of project.

#### Retaining Walls

RR Masonry/GI wire crate filled with boulders/ stones reclaimed fro, excavation of road shall be used for construction of retaining walls for retaining the surplus excavated earth /muck as per standard design of HPPWD with due consideration to site condition.

#### Use of muck /debris

Most of the excavation muck/debris obtained from the project components shall be used for manufacture of aggregates for construction work, filling in wire crates, stone masonry work breast wall, switchyard, etc. the remaining muck/debris will be neatly stacked in dumping areas identified for the purpose.

#### Plantation

The dumping area and various sites be properly leveled after the completion of the project. The area will be landscaped the plantation carried out so to merge with the nature surroundings.

Location of dumping	Area in Sqm.	Slop of dumping place in degree	Qty. of muck generated (CU.MTR)	Qty. with Swell Factor(CU.MTR) @45%	Qty. muck to used(CUM.Mtr)	Qty.of muck deposited (Cu.mtr)	Height of dumping expected in mtr.
Dumping site -I	170.00	15	235	340.75	52.92	287.82	1.70
Dumping site -II	142.00	15	340	493	148	345	2.50
Dumping site—III	194.00	15	850	1232.50	369.75	477	2.50
Dumping site—IV	156.00	14				385	2.50
Dumping site—V	170.00	14	488	707.60	283.04	424.56	2.50
<b>TOTAL</b>	<b>832</b>		<b>1913</b>	<b>2773.85</b>	<b>853.71</b>	<b>1919.38</b>	<b>2.34(Standard)</b>

Sr.no	Description	Mohal	Khasra No.	Area in Sqm	Height	Capacity of dumping site Qty.in cu. mtr
1	Dumping site -I	Prabha	346/334/264/5	170.00	1.70	289
2	Dumping site -II	Prabha	346/334/264/6	142.00	2.50	355
3	Dumping site--III	Prabha	111/2	194.00	2.50	485
4	Dumping site -IV	Prabha	286/96/4	156.00	2.50	390
5	Dumping site - V	Prabha	286/96/5	170.00	2.50	425

Place : Chamba

Dated :

2/3/2022

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Divisional Forest Officer  
Chamba Forest Division  
CHAMBA-176310

For Forest Hydel Project (P) Ltd.  
Authorized Signatory  
Authorized Signatory

DIVERSION OF 1.0188 HA OF FORESTLAND FOR CONSTRUCTION OF BANULA BAROOND-I SMALL HYDRO PROJECT 2MW IN TEHSIL CHURAH DISTRICT CHAMBA (H.P)  
 FILE NO. : FP/HP/HYD/148103/2021  
 DATE OF PROOSAL :

**COST ESTIMATION OF DUMPING SITES & PLANTATION  
 BANULA BAROOND - I (2MW) SHEP**

SR. NO	DESCRIPTION	UNIT	QTY.	RATE (IN Rs.)	AMOUNT Rs.
1	Cost of Surveying and Investigation	Lumsum	1	15000	15,000
2	Cost of Carrying of muck to the dumping site and properly stacking.	CUM	1932.38	50	96,619
3	Providing RR Messianary and Stone Filled Gabion Wire Crates for protection Work.	CUM	225	500	1,12,500
4	Plantation of 620 plants @ Rs 25/- per plant.	Nos	620	25	15,500
5	Digging of pit for plantation.	Nos	620	50	31,000
6	Cost of Barbed wire Fencing for protection of Plants @ Rs. 45/- per plant with carriage and labour	No.	250	150	37,500
7	Salary for Gardener for 4 years @ Rs.6800/- per month .	Months	48	6800	3,26,400
8	2 Nos. Beldar for protection of plantation for 2 years @ Rs.300/- per day.	Year	2	2,19,000	4,38,000
9	Reclamation and restoration.	Lumsum	1	1,50000	1,50,000
10	Landscaping and Beautification.	Lumsum	1	1,60000	1,60,000
11	Carriage of soil from road site	CUM	100	500	50,000
12	Collection of Grass seed	Kg	2	500	1,000
13	Broadcasting of grass seed plants	Nos.	100	400	40,000
	<b>Total</b>				<b>14,73,519</b>

Place : Chamba

Dated :

21/3/2022

For Gyanri Hydel Project P. Ltd.

Authorised Signatory

Authorised Signatory

Divisional Forest Officer  
 Chamba Forest Division  
 CHAMBA-176110

86

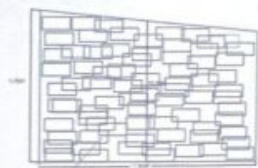
MUCK DUMPING PLAN FOR BANUALA BAROOND-1 SMALL HYDRO PROJECT 2.00 MW														Remarks	
Sr. No.	Name of Component From Where Muck is To Be Produced	Actual Size Of Component in sqm.	Total Qty. Of Muck is to be Produced (in cum)	Factor of Increase in volume after excavation (45%)	Total Qty. Of Muck is to be Dumped on The Basis Of increased Qty (in cum)	Qty Of Muck TO Be utilised (in cum)	Total Qty. Of Muck Remainin g After Utilisatio n	Name of Dumping place	Size of Dumping Sites	Area of Dumping place in sqm	Remainin g Height of Muck Dumped	Capacity of Muck To be Dumped	Quantity to be Dumped		
1	Intake/Trench WEIR	13x5=65	65	65*45/100=29.25	94.25	28.27	65.97	Dumping Site-I	17x10	170	1.7	289	65.97	Out of total Muck Generated About 30% Shall Be Used In Construction of Crates. Protection of weir retaining walls & Rest Of The Muck Including Swell Factor (45%) shall be Dumped in muck Dumping site I	
2	Conveyance Channel	85 X2=170	170	170*45/100=76.50	246.5	24.65	221.85						221.85	Out of total Muck Generated About 10% Shall Be Used In Construction of Crates and Protection work. Rest of Muck Including Swell Factor (45%) shall be Dumped in muck Dumping site I	
4	D-tank cum forebay	26x13.6=354	340	340*45/100=153	493	148	345	Dumping Site-II	14.2x10	142	2.5	355	345	Out of total Muck Generated About 30% Shall Be Used In Construction of Crates and Protection work. Rest of Muck Including Swell Factor (45%) shall be Dumped in muck Dumping site II	
5	Penstock Pipe	955x3	850	850*45/100=382.50	1232.5	369.75	862.75	Dumping Site -III	19.4x10	194	2.5	485	477	Out of total Muck Generated About 30% Shall Be Used In Construction of Crates and Protection work. Rest of Muck Including Swell Factor (45%) shall be Dumped in muck Dumping site III & IV	
	Power house and switchyard	37x24.60	148	148*45/100=66.60	214.6	85.84	128.76	Dumping Site-IV	15.6x10	156	2.5	390	385		
6													128.76		
7	Tail Race	20x2	40	40*45/100=18	58	23.2	34.8	Dumping Site-V	17x10	170	2.5	425	34.8	Out of total Muck Generated About 40% Shall Be Used In Construction of Crates, Aggregates, Road R/Walls, B/Walls, Filling, Bearing and Soling. Rest Of The Muck Including Swell Factor (45%) shall be Dumped in muck Dumping sites V	
8	Road	170x6	300	300*45/100=135	435	174	261						261		
	Total		1918		2773.85	853.71	1920.13			832	2.34	1944	1919.38		

Date  
26/2/22

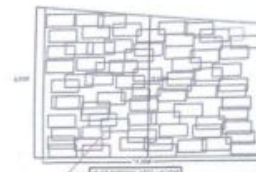
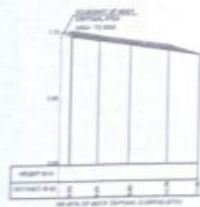
Small Hydro Project (F) ...  
Authorised Signatory

Divisional Forest Officer  
Chamba Forest Division  
CHAMBA-176310

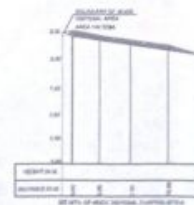
# MUCK DUMPING PLAN OF BANUALA BAROOND-I SHEP 2 MW



D.S.I

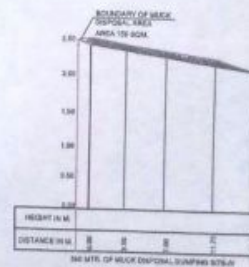
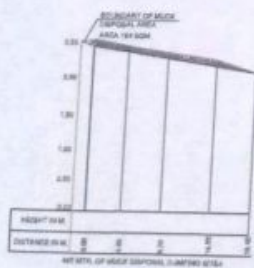
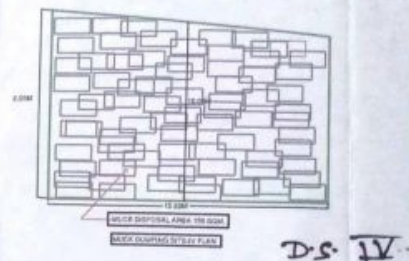
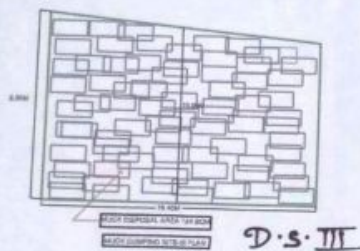


D.S.II



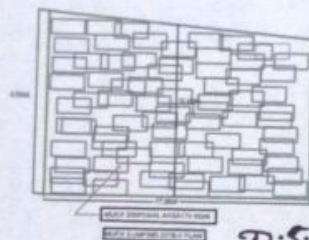
Jyoti Hydrel Project (P) Ltd  
 Author: [Signature]  
 Signator

# MUCK DUMPING PLAN OF BANUALA BAROOND-I SHEP 2 MW

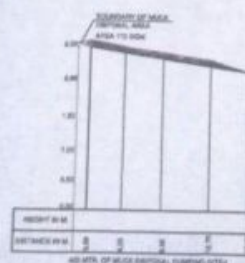


Ujain Hydel Project (P) Ltd  
 Authorised Signatory

# MUCK DUMPING PLAN OF BANUALA BAROOND-I SHEP 2 MW



D.S. V



Ujain Hydel Project (P) Ltd

Authorized Signatory

कार्यालय ग्राम पंचायत घरडा

विकास खंड तीसा जिला चम्बा हि० प्र०

प्रस्ताव प्रतिलिपि

प्रस्ताव सं० 9

बैठक ग्राम पंचायत / ग्राम सभा

अध्याक्षता .... प्रधान श्री मति नूरवानो


उपस्थित 124/553

दिनांक 24/11/016

विषय -- Gayatri Hydel Project [p]Ltd को Banaula-Baroond SHP [5MW]On Chhurku Nala जो कि हिम उर्जा द्वारा आवंटित के निर्माण हेतू अनापति देने बारे।

उपस्थित ग्राम सभा सदस्यों के समक्ष प्रधान ने प्रस्ताव रखा कि Banaula-Baroond SHP [5MW]On Chhurku Nala जो कि हिम उर्जा द्वारा आवंटित है का निर्माण कार्य Gayatri Hydel Project [p]Ltd करवाना चाहती है ग्राम सभा में गहन विचार विमर्श उपरांत पारित किया कि उक्त कंपनी निम्न शर्तों पर कार्य कर सकती है जिस पर ग्राम सभा को कोई भी आपति नहीं है।

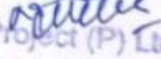
- 1 स्थानीय लोगो को योग्यता के अनुसार रोजगार दिया जाए
- 2 लोगो की जमीन व घराट आदि का उचित मुआबजा दिया जाए
- 3 पर्यावरण को किसी प्रकार का नुकसान न पहुंचाया जाए

  
Gayatri Hydel Project (P) Ltd  
Authorised Signatory

अतः उक्त शर्तों अनुसार Gayatri Hydel Project [p]Ltd कार्य करती है तो अनापत्ति प्रमाण पत्र उक्त कंपनी को सर्व सहमति आगामी कार्यवाही हेतू प्रेषित है ।

अतः सर्व सम्मति से पारित प्रस्ताव की प्रतिलिपि श्री मान निदेशक हिम उर्जा SDA Complex कस्मपटी शिमला व निदेशक Gayatri Hydel Project [p]Ltd की सेवा में आगामी कार्यवाही हेतू प्रेषित है ।

सचिव ग्राम पंचायत घरेडा

  
Gayatri Hydel Project (P) Ltd

Authorised Signatory

93

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

No. PW-TD-WA-Hydro Project/NOC/2020-21-  
To

12624-26

Dated:-24-2-2021.

M/S Gyatri Hydel Project (P) Ltd,  
Mohalla Charpat Tehsil & Distt.,  
Chamba (HP)

Subject: -


Regarding issuance of No. objection certificate for setting up:-  
1.) Banuala Baroond-I (2MW)  
2.) Banuala Baroond-II (0.80MW)

Sir,

Please refer to your office letter No. GHPP-G Banuala Baroond-I and Banuala Baroor II/2020-21 dated 30/09/2020 on the subject cited above.

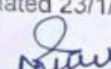
As decided, the No Objection Certificate in respect of subject cited projects is here given subject to following terms and conditions:-


1. The Company /Project authorities shall be responsible for any type of damage/loss to life or Gc property and all the expenditure involved for compensation /restoration shall be borne by the company any damage to PED land property, the company will restore the same within a minimum possible time fixed by this department at their risk and cost.
2. Any type of construction should done beyond 5(five) meters from acquired land of PWD road.
3. The project shall be constructed beyond boundary of PWD Road.
4. That wherever any culvert/ channel to cross PWD road the proposal shall be got approved and support with the data design and specification from the ~~competent~~ <sup>competent</sup> authority.
5. That No debris/material of any kind be stacked/ dumped along the road or on PWD land.
6. No hindrance of any kind be created to the flow of traffic during and after execution of the project. All traffic regulatory signs and road safety measures should be adopted during the Construction of project.
7. The bifurcation point from HPPWD road to project site be always kept in good service condition providing adequate necessary maintenance.
8. No road crossing shall be done without prior approval of the competent authority.
9. In case the government required to execute the road work to link the village and required shifting structure, the company will remove their property without any claim.
10. The no objection Certificate will be automatically cancelled if the company/Project authorities does not full-fill the conditions laid by the department.

  
Executive Engineer,  
Tissa Division  
HP. PWD. Tissa

The Superintending Engineer 7<sup>th</sup> circle HPPWD Dalhousie for necessary approval regarding permission granted by this office, please.

The Assistant Engineer, Nakrot Sub-Division, HP.PWD, Nakrot w.r to letter No PW-NSD-Road NOC/2020-21-1780 dated 23/1/2021.

  
M/S Gyatri Hydel Project (P) Ltd  
Authorised Signatory

  
Executive Engineer,  
Tissa Division  
HP. PWD Tissa.

17

No. 2283  
Himachal Pradesh Forest Department.

From: Divisional Forest Officer,  
Wildlife Division Chamba, H.P.

To: Gyatri Hydel Projects Pvt. Ltd.,  
C/o Nodhar Ram, village Gholti,  
PO Sarol, Tehsil & Distt. Chamba, HP.

Dated Chamba, the 23-10-2021

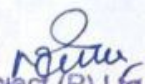
Sub: **Regarding Eco Sensitive Zone Certificate in respect of Banuala Baroond-I  
(2.00 MW).**

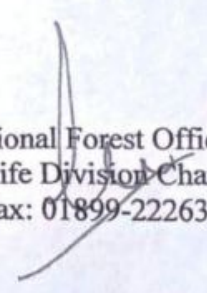
Sir/Madam,

Please refer to your office letter dated 25/09/2021 & the .kml file received on the official e-mail id of the undersigned on dated 21/10/2021 on the subject cited above.

2. In this connection, the report was sought from Range Forest Officer, Wildlife Range Bhandal who has submitted that the nearest distance of the proposed work is at the aerial distance of 27.96 KM (approx.) from the Eco-Sensitive Zone of nearest Wildlife Sanctuary i.e. Bhandal.

This is for your information and necessary action.

  
Gyatri Hydel Project (P) Ltd  
Authorised Signatory

  
Divisional Forest Officer  
Wildlife Division Chamba  
Ph/Fax: 01899-222639

2 OK 2.m.w

95

# फील्ड बुक

पृष्ठा

तहसील पुराह

बिला पम्पा

क्र.सं.	नम्बर खेत		नम्बर-खतौनी	इस्ताखराज रकबा	रकबा द किस्म जमीन	बसायल आबपाशी	विवरण
1	2	3	4	5	6	7	8
	275 मि	275 1		$\begin{array}{r} \text{पू० प० ऊ० द०} \\ 8 \quad 8 \quad 4 \quad 4 \\ 2 \quad 2 \\ 4 \\ 8 \times 4 = 32 \end{array}$	00-01-12 गैर मु. नाली		गैर आमदा wair side
		$\begin{array}{r} 275 \\ 2 \\ 275 \\ 3 \end{array}$		<p>पानी मालदा रक्ता पदतूर</p>	19-19-08 गैर मु. नाली		
	$\begin{array}{r} 346 \\ 334 \\ 264 \\ \text{मि} \end{array}$	$\begin{array}{r} 346 \\ 334 \\ 264 \\ 1 \end{array}$		$\begin{array}{r} \text{पू० प० ऊ० द०} \\ 2 \quad 2 \quad 28 \quad 8 \\ 10 \\ 8 \\ 26 \\ 2 \times 27 = 54 \end{array}$	00-04-04 परागाह विला		गैर आमदा पैनाल हस्तान
		गौ०		$\begin{array}{r} \text{पू० प० ऊ० द०} \\ 17 \quad 14 \quad 2 \quad 2 \\ 15 \times 2 = 30 \\ 84 \end{array}$			
	$\begin{array}{r} 346 \\ 334 \\ 264 \\ \text{मि} \end{array}$	$\begin{array}{r} 346 \\ 334 \\ 264 \\ 2 \end{array}$		$\begin{array}{r} \text{पू० प० ऊ० द०} \\ 1 \quad 1 \quad 35 \quad 17 \\ 2 \quad 2 \\ 5 \quad 5 \quad 16 \\ 35 \\ 5 \times 35 = 175 \end{array}$	00-08-15 प. विला		गैर आमदा डि रेड म+पौरवे हस्तान
	$\begin{array}{r} 346 \\ 334 \\ 264 \\ \text{मि} \end{array}$	$\begin{array}{r} 346 \\ 334 \\ 264 \\ 3 \end{array}$		$\begin{array}{r} \text{पू० प० ऊ० द०} \\ 2 \quad 2 \quad 100 \quad 12 \\ 58 \quad 88 \\ 158 \quad 58 \\ 158 \end{array}$	00-15-16 प. विला		गैर आमदा पैनाल (पनहरीक पईय) हस्तान

Signature  
31/08/2020

$2 \times 158 = 316$

Signature  
31/08/2020  
बिला पम्पा

निकास 01 चक्रवात		सहस्रवर्ष 02 पुराण		नकल जमाबंदी		पट्टा वृत्त		साल		सका एकाई		High-Meter-Bilwajani	
मोटा	प्रमाण	मोटा	प्रमाण	मोटा	प्रमाण	मोटा	प्रमाण	मोटा	प्रमाण	मोटा	प्रमाण	मोटा	प्रमाण
1	2	3	4	5	6	7	8	9	10	11	12	13	14
75 विरा	77	मकान	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती
14	78	मकान	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती	मकान विरापता प्रती
		(1)											

OFFICE KANUNGO  
TERSI CHURAH

## फील्ड बुक

ग्राम		तहसील		जिला		
प्रजा		पुराह		पम्वा		
नम्बर खेत		नम्बर-खतीनी	इस्तखराज रकबा	रकबा व किस्म जमीन	बसायल आबपासी	विवरण
साविका	हाल					
2	3	4	5	6	7	8
346 334 264 फिन	346 334 264 5		पू० फ० ऊ० द० 15 15 22 $15 \times 2 = 30$	00-01-10 फ० विला हस्तान		जे० आमदा ११ सिलर जलेश
346 334 264 फिन	346 334 264 5		पू० फ० ऊ० द० 5 7 12 12 $\frac{2}{7}$ $7 \times 12 = 84$	00-04-04 फ० विला हस्तान		जे० आमदा डम्पिंग साईट
346 334 264 फि	346 334 264 6		पू० फ० ऊ० द० 7 7 10 10 $7 \times 10 = 70$	00-03-10 फ० विला हस्तान		जे० आमदा डम्पिंग साईट
346 334 264 फि	346 334 264 7 क ख ग		$\frac{15 \times 41}{2} = 308$ $\frac{22 \times 4}{2} = 44$ $\frac{19 \times 4}{2} = 38$ $\frac{15(7+3)}{2} = 75$ 465	01-03-05 फ० विला हस्तान		वाकी भन्दा खम्बा
346 334 264 फि	346 334 264 8 क ख		$\frac{88 \times 9}{2} = 836$ $\frac{77(9+10)}{2} = 732$ $\frac{88 \times 9}{2} = 4$ $\frac{77 \times 6}{2} = 231$	06-02-15 फ० विला हस्तान		वाकी भन्दा खम्बा

पटवारी  
पटवारी क्षेत्र पटवारी  
मन्त्रालय (दि० २००३)

3/2/2020

13/08/20

पटवारी  
पटवार क्षेत्र  
मन्त्रालय (वि० प्र०)



Digitally signed By  
Director Land Records  
Date: 10/1/2020  
2:22:20 PM

### राजस्व विभाग, हिमाचल प्रदेश - नकल जमाबंदी

रसीद संख्या: 20203263704

98

जिला: चम्बा  
मोहला: प्रभा

तहसील: चुराह

हदबस्त नं.: 468

कानूनीयत: टिकरी

साल: 2015-2016

घटवार वृत्त: चरडा

रकबा ईकाई: Bigha-Biswa-Biswansi

खेपट नं. (हाल/शाबका): 75 /24

नाम पत्नी या लरक मय नाम नम्बरदार: बंधरहा खेपट नं. (1)

मुताबला व शरह मुतामला व हब्ब: खारज अज बाछ

नाम मालिक व पहचान: सरकार हिमाचल प्रदेश

जोड़ कुल - देह

खतौली नं.

नाम कायदाकार व पहचान

नाम पाह व दोसर नम्बर खसरा हान  
वसायत आबपाही

रकबा हर खेत व मिजज मय किस्म  
अराजी मीट्रिक इकाईको में

हिरला या पैमाना इकाईको  
व तरीका बाछ

कैफियत

नामान जो मुजरा अदा करता है व  
तकसील धरई व तहसील

77 मित

मकदुल मालिक व दोसरदारन मुताबिक नक्शाबंदी

346/334/264

273-00-00

चारागाह बिना दखतान

कच्चा व पट्टा बसाह

खेपट नं.(1)

78

E-Governance  
SHAKOOR AHMED  
J.M.K. TISSA-JI  
Dev. Block-1554  
Dist. Chamba (H.P.)  
Mob. 9819795586

नोट: इस समय तहसील से सम्पर्क स्थापित नहीं हो पाया, यह नकल केंद्रीय सर्वर के डाटा से बनाई गई है। यह डाटा अंतिम बार 15Sep20 20 5:47PM को साव्य गया है।  
To Verify/Validate digitally signed copy, please visit the URL <http://lic.hp.nic.in/lic/revenue> and enter your Receipt No 20203263704.

निकनेट: हिमाचल प्रदेश - शिमला

दिनांक: 01-Oct-2020

पृष्ठ संख्या: 1

# फील्ड बुक

प्रमाण		काल		स्थान		दिनांक
प्रमाण		काल		स्थान		दिनांक
वर्ष	मास	दिनांक	प्रमाण	स्थान	दिनांक	दिनांक
1	2	3	4	5	6	7
	ग		$\frac{108 \times 9}{2} = 486$			
	घ		$\frac{33 \times 3}{2} = 50$			
	ङ		$\frac{20(349)}{2} = 120$			
			<u>2455</u>			
306	$\frac{346}{334}$		पाकी भन्दा रक्ता	264-16-01		
	$\frac{264}{9}$		पसन्तूर	परागाह पिला	द्वयवतान	
123	$\frac{123}{1}$		पू. फ. ङ. ङ.	00-00-04		
क्रि			2 2 2 2	पैर म. नाली		
			$2 \times 2 = 04$			
123	$\frac{123}{2}$		पू. फ. ङ. ङ.	00-01-14		
मिन			17 17 2 2	पैर म. नाली		
			$17 \times 2 = 34$			
	$\frac{123}{3}$		पाकी भन्दा रक्ता	01-00-02		
			पसन्तूर	पैर म. नाली		
306	$\frac{306}{114}$		पू. फ. ङ. ङ.	00-18-00		
मिन	$\frac{114}{1}$		2 2 180 181			
			$2 \times 180 = 360$	प. विला	द्वयवतान	

31/8/2020

31/8/2020

निकास प्रणाली					पावसा कुल भरदा 2015-2016					पावसा कुल भरदा 2015-2016				
विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा	विभाग वी. भागा
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
1.1.1	1.1.2	1.1.3	1.1.4	1.1.5	1.1.6	1.1.7	1.1.8	1.1.9	1.1.10	1.1.11	1.1.12	1.1.13	1.1.14	1.1.15
1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6

THE KANUNGU  
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## फील्ड बुक

ग्राम		तहसील		जिला		विवरण
प्रस्ता		पुराह		पम्मा		
नाम	नामर खेत		नम्बर-खतीनी	इस्तखराज रकबा	रकबा व किस्म जमीन	बंसापल आबपाशी
1	साबिका	हाल	4	5	6	7
	306 114 मिन	306 114 2 क ख 306 114 3		191(11+10) 2 = 2006 19(3+11) = 133 36x7 = 126 2265	05-13-05	पाकी भान्दा खम्मा परागाह विला दूरवतान
	350 344 311 मिन	350 344 311 1		पू. प. 30 द. 2 2 6 5 2x6 = 12	15-03-15	पाकी भान्दा खम्मा परागाह विला दूरवतान
	350 344 311 मिन	350 344 311 2		13x4 = 26	00-01-06	पाकी भान्दा खम्मा परागाह विला दूरवतान
	350 344 311 मिन	350 344 311 3		पाकी भान्दा खम्मा परागाह विला दूरवतान	151-19-02	परागाह विला दूरवतान
	111 मिन	111 1		पू. प. 30 द. 2 2 105 22 23 8 128 12 85 127	00-12-14	जैर आमदा-पैनल (पैनल 30 11/2)

Comp  
13/08/2020

परागाह विला दूरवतान  
13/08/2020

मकाले ज  
देवान विष्णु

संस्कृत-संस्कृत

Rieha-Brown-Brown et al.

सिंह ४१ चन्द्रा  
मौज १५५

सहस्रं ०२ चुरा  
मोडल ०२०००१ द्रप

कानूनमार्गे वृत्त लिखरी  
हणवसल नं. 468

पटवर्धन कृत पराका  
सात 2015-2016

[illegible]

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TEHSIL CHURAH

30-09-2020

ਪੰਨਾ ਸੰਖਿਆ : 1



अथाह

१५.

$$12 \times 2 = 24$$

६५७

15/08/2022

*Handwritten signature and date: 10/28/2020*

विभाग 81 सामाजिक न्याय		सहाय्यता 82		नृकाल जन्मसन्दी		पटवार्त वृत्त चरक		सहाय्यता 83		High Status-विभाग	
सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता	सहाय्यता
1	2	3	4	5	6	7	8	9	10	11	12
77	77	77	77	77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78	78	78	78	78

OFFICE KANUNGO  
T. AL. CHURAH

# फील्ड बुक

ग्राम

प्रग्ना

तहसील

उराह

बिला

पम्पा

क्र.सं.	नाम	नम्बर-खतीनी	इस्तखराज रकबा	एकवा य किस्म जमीन	बसाफल आबपारी	विवरण
1	2	3	4	5	6	7
	ताबिका	हाल.				
	2	3				8
	286 96 मिन	286 96 2		$\begin{array}{r} 20 \text{ फ 30 द 10} \\ 18 \text{ 8 13 2} \\ 2 \text{ 10 13} \\ \hline 18 \text{ 25 25} \end{array}$ $18 \times 25 = 450$	01-02-10	जैर आमदा पावर हाऊस P.H व स्थान
	286 96 मिन	286 96 3		$75 \times 7 = 262$ $73 \times 7 = \frac{256}{518}$	01-05-18	जैर आमदा रोड + ट्रान्समिशन
	286 96 मिन	286 96 4		$\begin{array}{r} 20 \text{ फ 30 द 10} \\ 7 \text{ 7 11 11} \\ \hline 7 \times 11 = 77 \end{array}$	00-03-17	जैर आमदा डम्पिंग साइट
	286 96 मिन	286 96 5		$\begin{array}{r} 20 \text{ फ 30 द 10} \\ 1 \text{ 7 12 12} \\ \hline 7 \times 12 = 84 \end{array}$	00-04-04	जैर आमदा डम्पिंग साइट
	286 96 मिन	286 96 6		$\begin{array}{r} 20 \text{ फ 30 द 10} \\ 10 \text{ 10 2 2} \\ \hline 10 \times 2 = 20 \end{array}$	00-01-00	जैर आमदा टेल रेस

18/08/2022

पटवारी

म.वा.र. से.क.

म.वा.र. से.क.

म.वा.र. से.क.

# फील्ड बुक

ग्राम		तहसील		जिला		पञ्चा	
नाम	नामर खेत		नामर-खतीनी	इस्तखराज रकबा	रकबा व किस्म जमीन	बसापल आबपारी	विवरण
	सारिका	हाल					
1	2	3	4	5	6	7	8
	286 96 मिन	286 96 7 र ख ग घ ङ च द न म		$\frac{105(7+15)}{2} = 1155$ $\frac{22(4+9)}{2} = 143$ $\frac{27 \times 4}{2} = 54$ $\frac{131 \times 7}{2} = 458$ $\frac{7 \times 17}{2} = 619$ $\frac{69 \times 9}{2} = 310$ $\frac{12 \times 9}{2} = 54$ $\frac{67 \times 17}{2} = 570$ $\frac{10 \times 66}{2} = 330$ $\frac{15(5+8)}{2} = 98$	09-09-11		पानी भान्सा 2क्ला पं विला हरेखतान
	286 96 मिन	286 96 8 र ख ग		$\frac{45(6+9)}{2} = 338$ $\frac{98 \times 5}{2} = 245$ $\frac{15(3+6)}{2} = 68$ $\frac{26(2+9)}{2} = 143$	01-19-14		पानी भान्सा 2क्ला पं विला हरेखतान
	286 96 मिन	286 96 9 र ख ग		$\frac{744}{2} = 372$			

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पटवारी  
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पानी भान्सा 2क्ला  
पटवारी  
18/08/2020

76-18-06

परागाह विला हरेखतान



# फील्ड बुक

पृष्ठा		तहसील		जिल्हा		विला	पन्ना
क्र.सं.	नम्वर खेत	नम्वर-पत्रांतीनी	हस्ताक्षराज रकबा	रकबा व किस्म जमीन	बसावत आबपाची	विवरण	
1	2	3	4	5	6	7	8
	ता.दिना	हाल					
	284	284		पू. फा 30 रु.	01-18-00		जे. आमदा रोड + ट्रांसमिशन लाईन
	81	81		8 3 20 74			
	मिन	1		5 74 22			
				8 94 96			
				8x95=760			
	284	284		पू. फा 30 रु.	00-02-15		जे. आमदा ट्रांस-मिशन लाईन
	81	81		5 5 10 12			
	मिन	2		5x11=55			
	284	284		105x18=945	07-13-05		पाकी मानवा रस्ता
	81	81		33x14=231			
	मिन	3		42x19=399			
		क		44x10=220			
		ख		17x26=221			
		ग		40x15=300			
		घ		19x6=57			
		च		22x17=187			
		ड		74x6=222			
		प		35x11=192			
		फ		26x7=91			
		ब		3065			
		म		पाकी मानवा रस्ता	01-11-00		
		न		पदमूर			
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# फील्ड बुक

ग्राम पन्ना

तहसील पुराह

जिला पन्ना

क्र.सं.	नम्बर सेट		नम्बर-खतीनी	इस्ताखराज रकबा	रकबा द किस्म जमीन	बसाफल काबजारी	विवरण
1	2	3	4	5	6	7	8
	74 मिन	74 1 गो०		$\frac{12 \times 4}{2} = 24$ $\frac{5 \times 3}{2} = 08$ 32	00-01-12		जे२ आमदा ट्रान्स- मिशन लार्डिन
	74 मिन	74 2		$\frac{5 \times 3}{2} = 08$	00-00-08		पाकी भान्दा रेक्सा
		74 3		पाकी भान्दा रेक्सा पदसुद	12-10-00		परागाह विला दूखतान
	64 मिन	64 1		पू० प० ऊ० द० 5 5 2 2 $5 \times 2 = 10$	00-00-10		जे२ आमदा ट्रान्स- मिशन लार्डिन
	64 मिन	64 2		पू० प० ऊ० द० 2 2 8 10 12 12 5 5 25 27 $2 \times 26 = 52$	00-02-12		पाकी भान्दा रेक्सा
		64 3		पाकी भान्दा रेक्सा पदसुद	00-10-18		जे२ प्र. रास्ता
	27 मिन	77 1		$\frac{66 \times 4}{2} = 132$ $\frac{66 \times 4}{2} = 132$ 264	00-13-04		जे२ आमदा ट्रान्स- मिशन लार्डिन

Signature  
13/08/2020

Signature  
13/08/2020

**नकल जामबन्दी**

विभाग 01 **प्रशासन**      विभाग 02 **पुराण**      कानून/न्याय विभाग 668

मोबा. प्रभा      मोबा. 028801 प्रभा      पदवी प्राप्त परीक्षा 2015-2016

रकबा प्रमाण High-School-Balwanal

1. विभाग का नाम	2. विभाग का नाम	3. विभाग का नाम	4. विभाग का नाम	5. विभाग का नाम	6. विभाग का नाम	7. विभाग का नाम	8. विभाग का नाम	9. विभाग का नाम	10. विभाग का नाम	11. विभाग का नाम	12. विभाग का नाम	13. विभाग का नाम
75 विभाग	76 विभाग	77 विभाग	78 विभाग	79 विभाग	80 विभाग	81 विभाग	82 विभाग	83 विभाग	84 विभाग	85 विभाग	86 विभाग	87 विभाग
75 विभाग	76 विभाग	77 विभाग	78 विभाग	79 विभाग	80 विभाग	81 विभाग	82 विभाग	83 विभाग	84 विभाग	85 विभाग	86 विभाग	87 विभाग
75 विभाग	76 विभाग	77 विभाग	78 विभाग	79 विभाग	80 विभाग	81 विभाग	82 विभाग	83 विभाग	84 विभाग	85 विभाग	86 विभाग	87 विभाग

30-09-2020

नकल जमाबन्दी

जिला 01 चम्पा साहीस 02 चुराह कानूनी वृत्त टिकरी फलानर कृत चरस साल 2015-2016 रकबा इकाई Bigha-Biswa-Biswasal

व.खेसत व जमबन्दी	खेसत न.	नगर वली का तपक शर नगर नगरादर गजद वु मरगला	नगर मरिगक व मरिगल	नगर बजालकर व जमबन्दी	नगर चरस व दीनर बजालकर मरगला	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
75-79	79	बजालकर	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल
74	78	खेसत न. (1)	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल	नगरा वरगल

OFFICE KANUNGO  
TEHSIL CHURAH

# फील्ड बुक

मन्तल

पन्ना

तहसील

पुराह

जिला

पन्ना

क्र.सं.	नम्बर खेत		नम्बर-खतौनी	इस्तखराज रकबा	रकबा द किस्म जमीन	बसाफल आबकारी	विवरण
	साविका	हाल					
1	2	3	4	5	6	7	8
	77 मिन	$\frac{77}{2}$ क ख		$\frac{69 \times 13}{2} = 458$ $\frac{58 \times 7}{2} = 203$ $\frac{25 \times 3}{2} = 38$ 689	01-14-09		वाकी जांदा रक्बा फा विला दूखतान
		$\frac{77}{3}$		वाकी जांदा रक्बा पयस्तूर	01-11-07		परागाह विला दूखतान
	62 मिन	$\frac{62}{1}$ क ख		पू. फा 30 द० 5 5 75 75 $5 \times 75 = 375$ $\frac{57 \times 4}{2} = 114$ $\frac{60 \times 4}{2} = 120$ 609	01-10-09		ज० आमदा दूसां मिशान लाइज
		$\frac{62}{2}$		वाकी जांदा रक्बा पयस्तूर	15-13-11		परागाह विला दूखतान

*[Signature]*

18/08/2020

रटवार

पटवार

जिला पन्ना (डि०प्र०)

*[Signature]*  
13/08/2020

नकल जमाबन्दी

[illegible]

DR. KANUNGO  
HISIL CHURAM

नकल जमाखन्दी

मकल जमिन्दारी												
जिला 01 चम्पा मोरा प्रधा		सहायक 02 मोरा 028801 धुवा प्रधा		कानूनगो युत टिकरी 468		पटका युत धरडा 2015-2016		पिता इकाई Bigha-Bawa-Bhawani				
न. क्रमांक या कामपत्रा	खाली न.	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा	नम्र पत्रा का संक नम्र पत्रा नम्रपत्रा नम्रपत्रा नम्रपत्रा
1	2	3	4	5	6	7	8	9	10	11	12	13
75	77	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.
74	76	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.	नम्रपत्रा नम्रपत्रा न.

OFFICE KANUNGO  
TEHSIL CHURAH

