

PART-II

16

Full Title of the Project:- DIVERSION OF 1.0188 Ha. OF FOREST LAND FOR THE CONSTRUCTION OF BANUALA BAROOND-1 SMALL HYDRO PROJECT 2 MW" DISTRICT CHAMBA (H.P.) PART-II

(To be filled by the concerned Divisional Forest Officer)
(State Serial no. of proposal)

7.	Location of the Project / Scheme							
	i).State/Union Territory	Himachal Pradesh						
	ii)District	Chamba						
	iii)Forest Division	Chamba Forest Division Chamba						
	iv) Area of Forest land proposed for Diversion (hac.)	1.0188Hac. for diversion						
	v)Legal status of the forest	Legal status of the forest is:- <table border="1"> <tr> <td>1</td><td>Protected forest</td><td>1.0188</td></tr> <tr> <td colspan="2">Total</td><td>1.0188 hec.</td></tr> </table>	1	Protected forest	1.0188	Total		1.0188 hec.
1	Protected forest	1.0188						
Total		1.0188 hec.						
	vi) Density vegetation	0.07						
	v) Species – wise (scientific names) and diameter class-wise enumeration of trees to be enclosed. In case of irrigation/hydel projects, enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.	Enumeration list of trees is placed in the proposal folders <u>check list No.14 at page 50.</u>						
	vi) Brief note on vulnerability of the forest area to erosion	The stratum of the proposed land is quite stable and chance of soil erosion are minimum.						
	vii) Approximate the distance of proposed site for diversion from the boundary of forests.	The approximately distance of proposed site for diersion from the boundar of forests 1 km						
	viii) Whether any rare / endangered / unique species of flora and fauna found in the area-if-sp details thereof.	-No-						
	ix) Whether any protected archaeological / heritage site / defense establishment or any other important monument is located in the area. If so the details there for with N.O.C. from competent authority.	-No-						
8.	Whether the requirement of forest land as proposed by the user agency in col. 2 of part-1 is unavoidable and barest minimum for the project, if no recommended area item wise with details of alternatives examined.	The proposed land required for the construction of Banuala Baroond-1 Small hydro project 2 mw is unavoidable and barest minimum.						
9.	Whether any work in violation of various forest Acts has been carried out (Yes/no). If yes, details of the same period of work done. Action taken against the erring officials. Whether work done in violation is still in progress.	NO						
10	Details of compensatory afforestation scheme							
	i) Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.	The compensatory afforestation will be carried out in <u>Kathwar DPF</u> in Tikri Range.						
	ii) Map showing non forest / degraded forest	NO						

	area identified for compensatory afforestation and adjoining forest boundaries.	
	iii) Detailed compensatory afforestation scheme including species to be planted implementing agency, time schedule, cost structure, etc.	Detail of compensatory Afforestation to be carried out in lieu of 1.01 88 ³⁸ Hac. Blcok plantation in a selected land bank of forest area is enclosed herewith as <u>check list No.17 at page-54-56 onwards.</u>
	iv)Total financial outlay for compensatory afforestation scheme	The financial outlay for the compensatory is also enclosed herewith as check list no.17, at page No-55 onwards which is Rupe 613296/-
	v) Certificate from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (to be signed by the concerned by the Deputy Conservator of Forest.	Land suitability certificate enclosed herewith as <u>check list No. 18 at page No-57</u>
11.	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col.7(ix,xii) 8 and 9 above.	Site Inspection report attached as <u>Check List-15 at page-53</u> .
12	Division / District File	
	1.Geographical area of the district	167100 Hac.
	2.Forest area of the district	111598 ha
	3.Total forest area diverted since 1980 with number of cases.	81 cases 726.62473 Hac.
	4.Total compensatory afforestation stipulated in the district / division since 1980 on	1460.5 ha
	5.Forest land including penal compensatory afforestation	1460.5 ha
	6.Non-Forest land	Nil
	7.Progress of compensatory afforestation as on (date) 31.03.2021.	1046 ha
	i)Forest land	1046 ha
	ii)Non-Forest land	-
13	Specific recommendations of the DCF/DFO for acceptance or otherwise of the proposal with reason	The proposal is recommended for approval please.

Date:- 10/2/2022
Place:- Chamba

Divisional Forest Officer
Chamba Forest Division, Chamba

Full Title of the Project:- Diversion of 1.0188 Ha of Forest Land for construction of "Banuala Baroond-1 Small Hydro Project 2 MW" District Chamba (H.P).

File No:-

Date of Proposal:-

Specific Recommendation.

The case for the Diversion of 1.0188 Ha of Forest Land in favour of M/S Gyatri Hydel Projects Pvt. Ltd. Mohalla Charpat Tehsil & District Chamba (HP) for the **construction** of "Banuala Baroond -1 Small Hydro Project 2 MW" District Chamba (H.P).within the jurisdiction of Chamba Forest Division, Chamba, District Chamba (H.P) received from the Gyatri Hudel Prjects Pvt. Ltd. is recommended for granting approval under FCA (1980).

Date:- 10/2/2022
Place:- Chamba


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/14863/2021
 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 : 10/2/22

For Gyatri Hydel Project P. Ltd.
 Authorised Signatory

Countersigned by :

Divisional Forest Officer
 Chamba Forest Division
 Chamba
 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/14805/2021
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 Projects P. Ltd.
Authorized 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/148103/2021
 DATE OF PROOSAL

CHECK LIST SERIAL NUMBER - 12

**UNDERTAKING FOR THE PAYMENT OF ADDITIONAL 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 Projects Pvt. Ltd.
 Authorised Signatory
 Authorised Signatory

Countersigned by :


 Divisional Forest Officer
 Chamba Forest Division
 Chamba
 CHAMBA-176310

Enumeration list of trees coming in Banuata Baroond-1 2 MW Hydro Project in Bhatova DPF in Baghei Beat Chanju Block Forest Range Tikri

Sr. No.	Species	Dia	Class	Remarks	Sr. No.	Species	Dia	Class	Remarks
1	Haleu	30-32	III	Green Standing	26	Chilunth	18-20	V	Green Standing
2	Khirk	28-30	IV	Green Standing	27	Chilunth	18-20	V	Green Standing
3	Khirk	31-33	III	Green Standing	28	Chilunth	34-36	III	Green Standing
4	chirndi	22-24	IV	Green Standing					
5	chirndi	34-36	III	Green Standing					
6	chirndi	22-23	IV	Green Standing					
7	chirndi	22-20	IV	Green Standing					
8	chirndi	32-34	III	Green Standing					
9	chirndi	20-22	IV	Green Standing					
10	Khirk	21-22	IV	Green Standing					
11	khirk	30-32	III	Green Standing					
12	Willow	21-24	IV	Green Standing					
13	Moral	21-23	IV	Green Standing					
14	chirndi	30-32	III	Green Standing					
15	chirndi	22-24	IV	Green Standing					
16	chirndi	22-23	IV	Green Standing					
17	chirndi	21-23	IV	Green Standing					
18	chirndi	26-28	IV	Green Standing					
19	chirndi	30-32	III	Green Standing					
20	chirndi	22-24	IV	Green Standing					
21	Lodhar	30-32	III	Green Standing					
22	chirndi	18-20	V	Green Standing					
23	chirndi	21-23	IV	Green Standing					
24	chirndi	12-14	V	Green Standing					
25	chirndi	42-44	IIA	Green Standing					
26	Chilunth	18-20	V	Green Standing					

ABSTRACT

Sr. No.	Species	Class									Total
		V	IV	III	IIA	IIB	IA	IB	IC	ID	
	Chirndi	4	10	5	1	0	0	0	0	0	20
	Vol.	0.161	0.217	0.563	1.11	1.654	2.323	2.957	0	0	
	Total Vol.	0.644	2.17	2.815	1.11	0	0	0	0	0	6.739
	Khirk	0	2	2	0	0	0	0	0	0	4
	Vol.	0	0.3	0.9	1.5	2.4	4	6	7.8	9.7	
	Total Vol.	0	0.6	1.8	0	0	0	0	0	0	2.4
	Moral	0	1	0	0	0	0	0	0	0	1
	Vol.	0.161	0.217	0.563	1.11	1.654	2.323	2.957	0	0	
	Total Vol.	0	0.217	0	0	0	0	0	0	0	0.217
	Willow	0	1	0	0	0	0	0	0	0	1
	Vol.	0	0.4	0.8	1.5	2.4	3.1	3.9	0	0	
	Total Vol.	0	0.4	0	0	0	0	0	0	0	0.4
	Lodhar	0	0	1	0	0	0	0	0	0	1
	Vol.	0.161	0.217	0.563	1.11	1.654	2.323	2.957	0	0	
	Total Vol.	0	0	0.563	0	0	0	0	0	0	0.563
	Haleu	0	0	1	0	0	0	0	0	0	1
	Vol.	0.161	0.217	0.563	1.11	1.654	2.323	2.957	0	0	
	Total Vol.	0	0	0.563	0	0	0	0	0	0	0.563

Omeshge
J. C. Beegheer
Date
10/2/24

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95

Divisional Forest Officer
Chambe Forest Range
CHAMBE

RANGE FOREST OFFICER
TIKRI FOREST RANGE

BILL FOR COST OF TREES COMING IN THE CONSTRUCTION OF BANUALA BAROOND-I (2) MW Hydel Project District Chamba (H.P.)													TOTAL	Remarks
Sl. No	Name of species	CLASS												
		V	IV	III	IIA	IIB	IA	IB	IC	ID	IE			
1	Chirndi	4	10	5	1	0	0	0	0	0	0	20		
	Vol per tree	0.161	0.217	0.563	1.11	0	0	0	0	0	0	6.739		
	Total Vol.	0.644	2.17	2.815	1.11	0	0	0	0	0	0			
	Rate per cum	12246	12246	12246	12246	0	0	0	0	0	0	82526		
	Total Cost	7886	26574	34472	13593	0	0	0	0	0	0			
2	Khirk	0	2	2	0	0	0	0	0	0	0	4		
	Vol per tree	0	0.3	0.9	0	0	0	0	0	0	0	2.400		
	Total Vol.	0	0.6	1.8	0	0	0	0	0	0	0			
	Rate per cum	0	37300	37300	0	0	0	0	0	0	0	89520		
	Total Cost	0	22380	67140	0	0	0	0	0	0	0			
3	Maral	0	1	0	0	0	0	0	0	0	0	1		
	Vol per tree	0	0.217	0	0	0	0	0	0	0	0	0.217		
	Total Vol.	0	0.217	0	0	0	0	0	0	0	0			
	Rate per cum	0	12246	0	0	0	0	0	0	0	0	2657		
	Total Cost	0	2657	0	0	0	0	0	0	0	0			
4	Willow	0	1	0	0	0	0	0	0	0	0	1		
	Vol per tree	0	0.4	0	0	0	0	0	0	0	0	0.400		
	Total Vol.	0	0.4	0	0	0	0	0	0	0	0			
	Rate per cum	0	12246	0	0	0	0	0	0	0	0	4898		
	Total Cost	0	4898	0	0	0	0	0	0	0	0			
5	Lodhar	0	1	0	0	0	0	0	0	0	0	1		
	Vol per tree	0	0.217	0	0	0	0	0	0	0	0	0.217		
	Total Vol.	0	0.217	0	0	0	0	0	0	0	0			
	Rate per cum	0	12246	0	0	0	0	0	0	0	0	2657		
	Total Cost	0	2657	0	0	0	0	0	0	0	0			
6	Haleu	0	0	1	0	0	0	0	0	0	0	1		
	Vol per tree	0	0	0.563	0	0	0	0	0	0	0	0.563		
	Total Vol.	0	0	0.563	0	0	0	0	0	0	0			
	Rate per cum	0	0	12246	0	0	0	0	0	0	0	6894		
	Total Cost	0	0	6894	0	0	0	0	0	0	0			
	Total Cost of trees	7886	59167	108507	13593	0	0	0	0	0	0	189153		
	Total No. of Trees	4	15	8	1	0	0	0	0	0	0	28		
TOTAL COST OF TREES												189153		

Divisional Forest Officer
Chamba Forest Division
Chamba-176310

ANNEXURE-A

BILL FOR NET PRESENT VALUE

Calculation of Net Present value of Forest Land to be Diverted Under FCA-1980 for the Diversion of 1.0188 ha. of Forest land in favour of M/S Gyatri Hydel Projects Pvt. Ltd. Mohalla Charpat Tehsil & District Chamba (HP) for the Construction of Banuala Baroond -1 Hydro Electric Project 2 MV within the jurisdiction of Chamba Forest

Classification of land being diverted into various ECO classes as per Hon'ble Supreme Court directions.

NATURE OF FORESTS	Area being			Classification as				ECO value class						
Bhatova DPF	1.0188			Consisting of				VI						
Area of diverted ald falling in Eco Zone III	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	TOTAL		Area being diverted.	
Trees coming in the area	4	14	9	1	0	0	0	0	0	0	28		1.0188	
Total tree upto Class-III													18	
Total tree of -III and above class													10	
Total Mature trees (nationally) after conversion of 2 trees of below III class in to one mature													19	
Per Hectare No of tree													19	
Precentage Density													0.07	
Density Class													open forest	
Calculation of NPV														
Name of Forest	Area to be diverted		ECO class	Density class	NPV rate applicable		100% rate of NPV /Ha. as per GOI letter dated 06.01.2022		Amount (Rs.)					
Bhatova DPF	1.0188		VI	Open Forest	1069470		1069470		1089576					

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

Full Title of the Project:- CONSTRUCTION OF BANUALA BAROOND-1 HYDRO ELECTRIC PROJECT 2 MW M/S GYATRI HYDEL PROJECTS PVT. LTD MOHALLA CHARPAT TEH. & DISTT. CHAMBA WITHIN THE JURISDICTION OF CHAMBA FOREST DIVISION, CHAMBA, DISTRICT CHAMBA (H.P).

File No

Date of Proposal:-

Check List Serial Number -1

SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF/DFO
(For the forest land to be diverted under FCA)

1. A proposal has been received from the Banuala Baroond-1 hydroelectric project 2MW on behalf of M/S Gyatri Hydel Projects Pvt. Ltd. Mohalla Charpat Tehsil & Distt. Chamba (HP) (under FCA-1980) of 1.0188 Hac. of Forest Land for non-forestry purpose, the subject envisages the use of Forest Land for non forestry purpose for the construction of Banuala Baroond-1 hydroelectric project 2MW, within the jurisdiction of Chamba Forest Division, Chamba, District Chamba (H.P). The Site inspection of the land involved in the proposal has been done by me on dated 20-01-2022.
2. On inspection of the site, it is found that the land required by the user agency is 1.0188 ha in DPF/UPF (protected Forest) and the 28 no. tree area coming in the construction of the proposed Banuala Baroond-1 hydroelectric project 2MW.
3. The requirement of forest land as proposed by the user agency in Col. 2 of Part-I is unavoidable and is barest minimum required for the construction of the proposed Banuala Baroond-1 hydroelectric project 2MW. in favour of M/S Gyatri Hydel Projects Pvt. Ltd. Mohalla Charpat Tehsil & Distt. Chamba (HP) .
4. Whether any rare/endangered/unique species of Floura and Founa found in the area. if,so the details thereof. (No)
5. Whether any protected archaeological/heritage site/defense establishment or any other important monument is located in the area. If, so the details thereof with NOC from the competent Authority. (No)
6. (a) The user agency has not violated the provision of Forest (Conservation) Act 1980 and no work has been started with proper sanction.

(Yes)

(b) It has been found that user agency has violated the provision of the Forest (Conservation) Act 1980.

(No)

(Note:- Whichever of the above is applicable should be shown in bold letters)

Recommendation

The proposal is submitted and recommended for approval of the competent authority.

Date:-20-01-2022

Place:-Chamba.

Amit Sharma (HPFS)
Divisional Forest Officer
Chamba Forest Division, Chamba.
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**

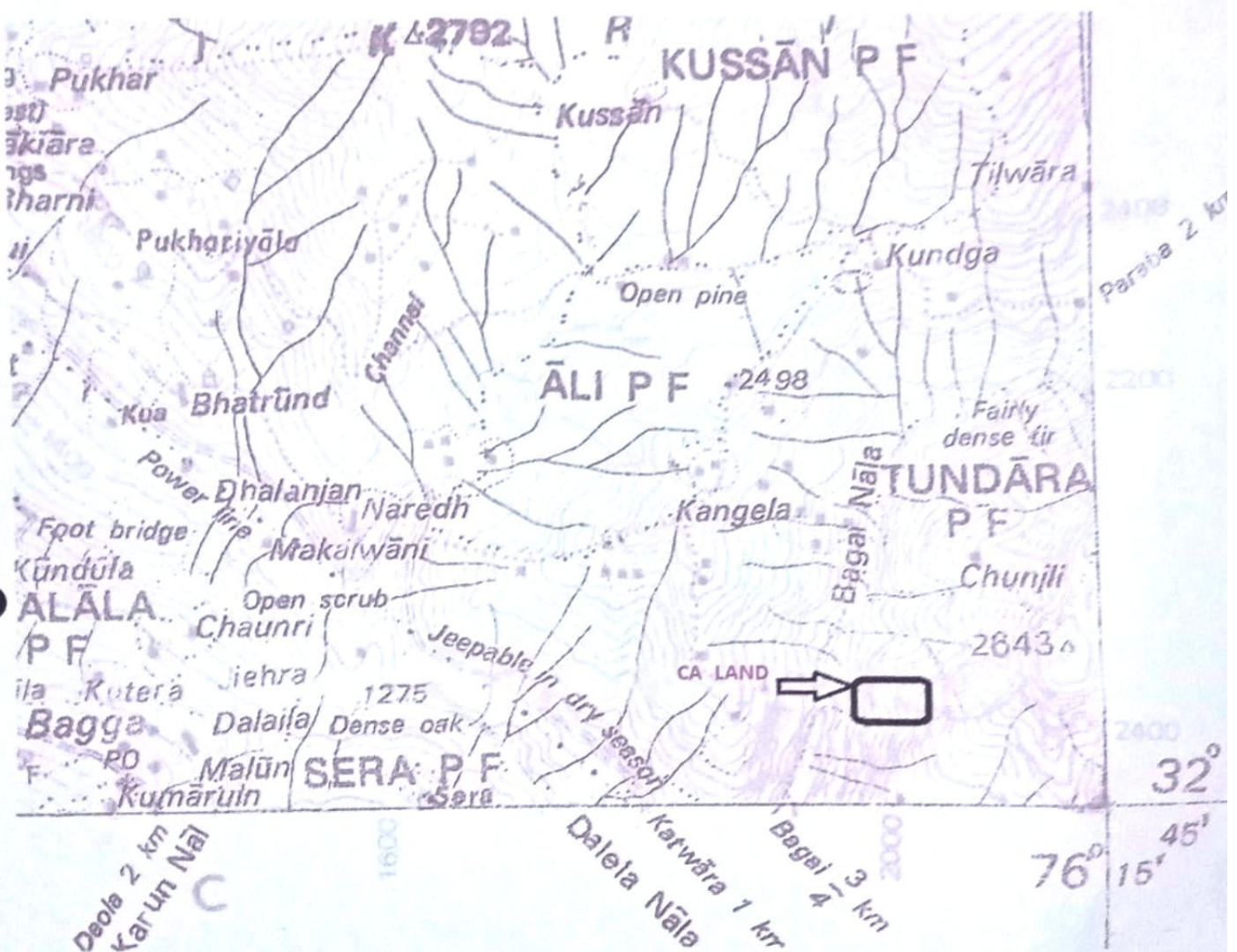
DATE OF PROOSAL :

CHECK LIST SERIAL NUMBER: - 16

LOCATION MAP

Location Map of degraded forest Area identified for Compensatory Afforestation in lieu of proposal for diversion of 1.0188 ha. of forest land for construction of Banuala Baroond – I SHP 2 MW in Chamba District village Prabha District Chamba, Forest Division Chamba, Forest Range Tikri, Beat Baghai, block No. Compartment No./Survey No. 52D/1.

LOCATION MAP FOR COPANSATORY AFFORESTARTION TOPO SHEET NO. 52D/1



☐ Area to be taken for Compensatory Afforestation.

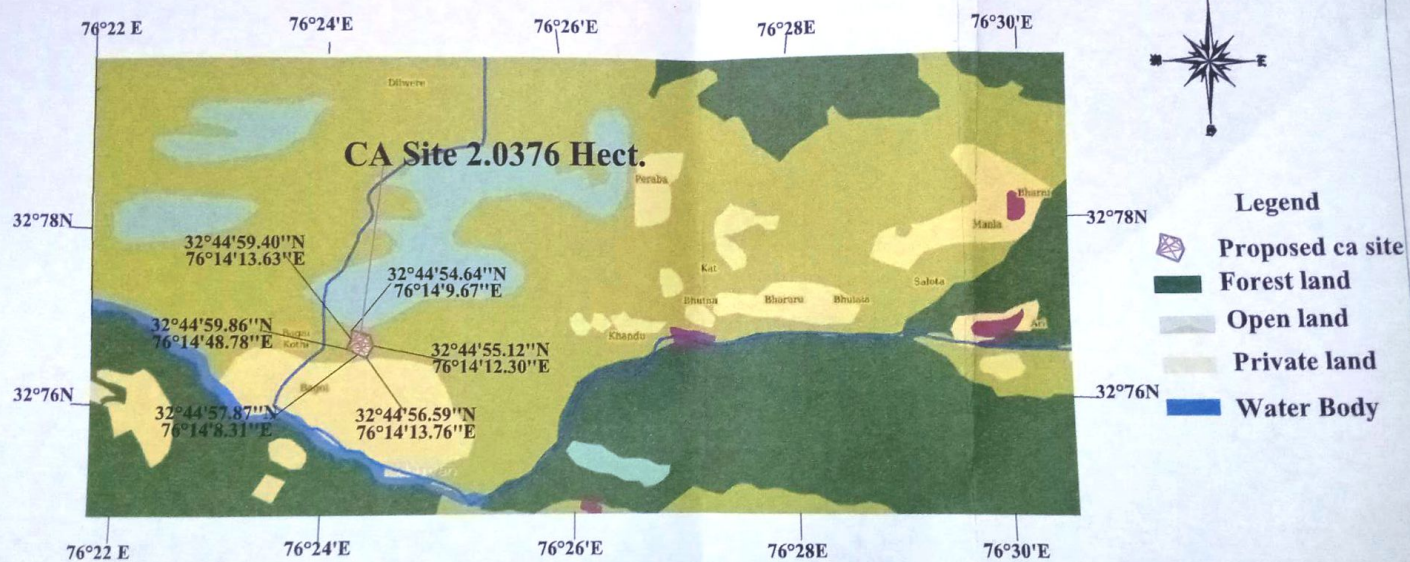
10/12/21

Gyasn Hydel Project (P) Ltd

Authorised Signatory

Divisional Forest Officer
Chamba Forest Division

Digital Map For C/O CA Site Banuala Baroond-I SHEP



Ujain Hydrel Project (P) Ltd

Authorized Signatory

Divisional Forest Officer
Chamba Forest Division
CHAMBA-176310

Full Title of Project:- DIVERSION OF 1.0188 HAC. OF FOREST LAND IN FAVOUR OF M/S GYATRI HYDEL PROJECTS PV. LTD. MOHALLA CHARPAT TEHSIL & DISTRICT CHAMBA H.P. FOR THE CONSTRUCTION OF BANUALA BAROOND-I (2 MW) HYDEL PROJECT, WITHIN THE JURISDICTION OF CHAMBA FOREST DIVISION, DISTRICT CHAMBA (H.P).

File No:-

Date of Proposal:

CHECK LIST No. 17

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 1.0188 Hac. of Forest Land in favour of M/S Gyatri Hydel Projects Pvt.Ltd. Mohalla Charpat Tehsil & district Chamba H.P. for the construction of Banuala Baroond-I (2 MW) Hydel Project, within the jurisdiction of Chamba Forest Division, District Chamba (H.P).

1. Details of degraded forest Land/non-forest land:-

a) District	Chamba
b) Village	Kathwad
c) Tehsil	Churah
d) Name of forest Division	Chamba
e) Range	Tikri
f) Block / Compartment / Survey No.	52/D/1
g) Area to be afforested	2.0376

2. Descriptions of Area:

i):- Whether the site selected for Compensatory Afforestation is a land Bank or not

Yes. The site selected for Compensatory Afforestation is a land bank along road side:

ii):-If the CA site is other than the land bank reason be In case of non-forest area identified for CA, than what is

Not applicable as the site selected is land bank. Not applicable as the site selected is a forest area.

iv):-Soil Type :

Clayey Loam

v):-Topography

"a"

Hilly

Hilly/Undulating/Plain.

"b" Slope: Steep/Medium / Gentle. **Medium**

vi):-Whether the area is bearing any roote stock of

No

3. Plantation Model:

(a) Compensatory afforestation over an area of 3.22 ha of degraded forest land proposed to be raised. The area selected for this purpose in **Kathwad DPF** which is degraded forest area & has been notified as a land bank. Presently the area supports scattered deodar and Kail & Chil trees. The area identified for plantation has also been shown on the attached map. Plants @ 1100 plants per hectare will be planted. The plantation will be raised in the following years after the approval of FCA proposal and further maintenance and beating up of failure will be done for the subsequent ten years. The scheme will be implemented by Forest Department through DFO Chamba. The cost structure of scheme is attached. The scheme has been formulated by taking into consideration the present wage rate Rs. 300/- and 10% cost escalation after first year has been provided. Total financial outlay for compensatory plantation scheme is Rs. 613296/- Certificate of DFO Chamba regarding suitability of area identified for compensatory plantation is attached. The area selected for compensatory plantation will be approachable **Chamba-Chanju road** and the monitoring will be done as per existing monitoring mechanism in the forest department at present and also as per GOI instructions.

Copy of the approved Compensatory afforestation scheme/ model showing component wise physical and

4. Schedule of Plantation Programme:-

Detail of year wise break-up of requirement of funds is as under:-

Year	Area	Rate per Ha including Nry Cost (NT) & 10% cost escalation	Total Amount	Total financial years
(A):- 0 Year	2.0376	124151	252970	2022-23
(B):- At the rate 25% planting cost			63243	
1st Year Maint.	2.0376	16710	34048	2023-24
2nd Year Maint.	2.0376	12335	25134	2024-25
3rd Year Maint.	2.0376	7684	15657	2025-26
4th Year Maint.	2.0376	7684	15657	2026-27
5th Year Maint.	2.0376	7684	15657	2027-28
6th Year Maint.	2.0376	7684	15657	2028-29
7th Year Maint.	2.0376	7684	15657	2029-30
8th Year Maint.	2.0376	7684	15657	2030-31
9th Year Maint.	2.0376	7684	15657	2031-32
10th Year Maint.	2.0376	7684	15657	2032-33
Total (A+B)			500650	
Contingencies 5% of Total CA			25033	
Sub Total			525683	
Departmental Charges@ 17.50%			87614	
Total			613296	

5. The cost of the scheme is detailed below:-

Schedule of plantation programme:

Year	Area	Rate per Ha including Nry Cost (NT) & 10% cost escalation	Total Amount	Total financial years
(A):- 0 Year	2.0376	124151	252970	2022-23
Planting cost 25%			63243	
Departmental Charges@ 17.50%			87614	


Contingencies 5% of Total CA			25033	
Total			428859	
(B)				
1st Year Maint.	2.0376	16710	34048	2023-24
2nd Year Maint.	2.0376	12335	25134	2024-25
3rd Year Maint.	2.0376	7684	15657	2025-26
4th Year Maint.	2.0376	7684	15657	2026-27
5th Year Maint.	2.0376	7684	15657	2027-28
6th Year Maint.	2.0376	7684	15657	2028-29
7th Year Maint.	2.0376	7684	15657	2029-30
8th Year Maint.	2.0376	7684	15657	2030-31
9th Year Maint.	2.0376	7684	15657	2031-32
10th Year Maint.	2.0376	7684	15657	2032-33
Total (A+B)			184437	
Total			613296	

1. Technical Details:

Technical Details of Compensatory afforestation Scheme are as follows:-

- General Details: an area of 2.0376 hec will be taken up for planting under compensatory afforestation scheme in KATWAR DPF. The area will be protected by barbed wire fencing and a mixture of conifer and broad leaved species will be planted. 1100 plants will be planted per hectare.
- Spacement: 3.00 Mtr x 2.5Mtr.
- Species : Deo, Ban and other broad leaved.
- Plantation Method: Nursery grown one & half year above old plants (in Polythene bags as well as naked root) will be planted in 30x30x30 cm and 45x45x45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up of failures will be done. The plantation will be rainfed.
- Soil and Moisture Conservation: -
 - Protection (Fencing, watchman, people's participation etc.): Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
 - Proposed Monitoring Mechanism: The plantation will be monitored as per existing monitoring mechanism by GOI representatives as per instruction. The plantation site will be approachable.
 - Any other information : Nil

Date:- 10-2-2021
Place:- Chamba


Amit Sharma (HPFS)
Divisional Forest Officer
Chamba Forest Division, Chamba
CHAMBA-176310

Full Title of the Project: - CONSTRUCTION OF BANUALA BAROOND-1 HYDRO ELECTRIC PROJECT 2 MW M/S GYATRI HYDEL PROJECTS PVT. LTD MOHALLA CHARPAT TEH. & DISTT. CHAMBA WITHIN THE JURISDICTION OF CHAMBA FOREST DIVISION, CHAMBA, DISTRICT CHAMBA (H.P).

CHECK LIST NUMBER-18

CERTIFICATE REGARDING SUITABILITY OF AREA SELECTED FOR COMPENSATORY AFFORESTATION FROM MANAGEMENT POINT OF VIEW.

Certified that Compensatory afforestation for above mentioned project will be carried out in 2.0376 hac.. The area selected for this purpose is in Kathwar DPF 2.0376 hac. bearing Survey No. /Compartment No. 52 D/1 Kathwar DPF, in Baghei beat Of Chanju Block, Tikri Range of Chamba Forest Division identified for Compensatory Afforestation are suitable for plantation from management point of view and is free and all sorts of encumbrances and encroachments. No plantation over this land has been carried out in other scheme.

dtc
10/2/22

He
Divisional Forest Officer,
Chamba Forest Division
Chamba-176310.