

Name of Work: - Construction of Tranh-Charolli Small Hydro Electric Project 2MW.

Part –II

(To be filled by the concerned deputy conservator of Forest)

State Serial No. of Proposal.....

SL. No. 1	Scheme/Location of the project.	The forest land is required for diversion of 02-85-73 hectare of forest land for construction of the Tranh-Charoli Small Hydro Electric Project-2MW.
(i)	District	Shimla
(ii)	Forest Division	Chopal.
(iii)	Area of forest land proposed for (diversion in hectare with also includes muck dumping	02-85-73 hectare.
(iv)	Forest area for cattle crossing, bus stop and passing places.	00-00-00 hectare.
(v)	Legal Status of forest	UPF Banah, Shanglaog UPF, Kanda UPF, Hidah UPF and Baggi-2 UPF.
(vi)	Density of vegetation	0.01 (Open Forest)
(vii)	Species-wise (scientific names) class and diameter-wise enumeration of trees.	Detailed enumeration list is enclosed at Page 64.
2.	Brief vulnerability of the forest area to erosion.	The area is not seriously eroded or is not much vulnerable to erosion.
3.	Approximate distance of proposed site for diversion from boundary of forest.	900 meters from Kanda DPF.
4.	Whether from part of national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc (if so detail of the area and comments of the Chief Wild life Warden to be annexed)	No
5.	Whether any are / endangered / unique species of flora and fauna found in the area ? If so, details thereof.	No
6.	Whether any protected archaeological /heritage site /defence establishment or any other important monument is located in the area? If so, the detail thereof with NOC from competent authority, if required.	No
7.	Whether the required of forest land as proposed by the user agency in col. 2 of part – I is unavoidable and barest minimum for the project? If no, recommended area item –wise with detail of alternatives examined.	Yes
8.	Whether any work in violation of the Act, has been carried out? If yes, detail of the same	No

	including period of work done, action taken on erring officials. Whether work in violation is still in progress?	
10.	Detail 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.	5.7146 hectare area degraded forest area identified for compensatory afforestation .The detailed CA scheme is attached at page. 69
(ii).	Map showing non forest /degraded forest area identified for compensatory afforestation and adjoining Forest boundaries	Attached at page. :-66-68
(iii).	Detail compensatory afforestation scheme including species to be planted implementing Agency time scheduled cost structure etc.	Attached at page ;- 69
(iv)	Total financial outlay for compensatory afforestation scheme.	Attached at page 69 for Rs. 18,93,917/- only.
(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 deputy conservator of forest)	Attached at page:- 70
11	Site inspection report of the DCF (to be enclosed especially highlighting facts asked in Col.7 (ix-xii) 8&9 above	Attached at page:- 65
12	Division District profile.	
	(i)Geo graphical area of the division	83000 hectare
	(ii) Forest area of the division	72100 hectare
	(iii) Total forest area diverted sine 1980 with number of cases in Chopal Forest Division as on 31.01.2023.	198.1399 hectare, 64 Cases.
	(iv)Total compensatory afforestation stipulated in the district /division since 1980 as on 31.01.2023.	383.8112 hectare
	a)Forest land including penal compensatory afforestation	388.8112 +45=433.8112 hectare.
13	(v) Progress of compensatory afforestation as on dated 31.01.2023. a) Forest land b) Non forest land	266 hectare. No
13	Specific recommendation of the DCF for acceptance or otherwise of the proposal with reason.	The proposal recommended for approval please.

Palace Chopal
Dated


(Ankit Kumar Singh IFS)
Deputy Conservator of Forests
Chopal Forest Division, Chopal

Name of work: construction of Tranh-Charolli Small (11)
Hydro Electric Project 2 mW

PART-III

(To be filled by the concerned conservator of Forests)

Whether site, where the forest land involved is located has been inspection by concerned Conservator of Forest? If yes, date of inspection and observations made in from of inspection note to be enclosed.

No.

Whether the concerned Conservator of Forest agrees with the information given in Part-B and the recommendation of Deputy Conservator of Forests. Yes I agree with the recommendation of the concerned DFO

Specific recommendation of concerned Conservator of Forest for acceptance or otherwise of the proposal with detailed reasons. Recommended for approval under FCA 1980

Date 12-5-2022

Place Shimla.

Signature

Name Official Seal

Chief Conservator of Forests
Shimla Forest Circle, Shimla

(Signature)

S. D. Sharma, I FS.

PART-IV

(To be filled in by the Nodal Officer or Principal Chief Conservator of Forest or Head of Forest Department)

Detailed opinion and specific recommendation of the state Forest Department for acceptance of otherwise of the proposal with remarks.

(While giving opinion, the adverse comments made by concerned Conservator of Forest or Deputy Conservator of Forest should be categorically reviewed and critically commented upon) .

Date _____

Place _____

Signature

Name of Official Seal

PART-V

(To be filled in by the secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)

Recommendation of the State Government :-

(Adverse comments made by any officer or authority in Part-B or Part- C or Part-D above should be specifically commented upon).

Date _____

Place _____

Signature

Name of Official Seal

Name of Work: - Construction of Trinh-Charolli Small Hydro Electric Project - 2MW..

File No. : _____

Date of Proposal: _____

CHECK LIST SERIAL NUMBER-06

STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

Sl.No.	District	Division	Division Range/Tehsil/Village/Mohal	Khasra/ Survey or Compart ment Number of Km. Stone	Forest Area proposed for Diversion (Ha.)	Legal status of Forest Area	Remarks
1	2	3	4	5	6	7	8
1	Shimla	Chopal	Banah	769/1	00-07-20	UPF Banah	
2			Banah	1693/1	00-05-70	UPF Banah	
3			Tranh	25/1	00-01-90	Shanglaog UPF	
4			Tranh	474/1	00-06-45	Shanglaog UPF	
5			Tranh	488/1	00-01-87	Shanglaog UPF	
6			Tranh	484/1	00-01-70	Shanglaog UPF	
7			Tranh	486/1	00-01-15	Shanglaog UPF	
8			Tranh	504/1	00-02-85	Shanglaog UPF	
9			Tranh	505/1	00-05-80	Shanglaog UPF	
10			Tranh	573/1	00-09-05	Shanglaog UPF	
11			Tranh	582/1	00-00-35	Shanglaog UPF	
12			Tranh	582/2	00-02-21	Shanglaog UPF	
13			Tranh	591/1	00-11-00	Shanglaog UPF	
14			Tranh	591/1/1	00-04-40	Shanglaog UPF	
15			Charoli	✓ 14/1	00-07-50	Kanda UPF	
16			Charoli	✓ 14/3	00-00-80	Kanda UPF	
17			Charoli	✓ 14/2	00-03-40	Kanda UPF	
18			Charoli	✓ 15/1	00-07-29	Kanda UPF	
19			Charoli	✓ 176/1	00-00-55	Kanda UPF	
20			Charoli	✓ 453/1	00-00-80	Kanda UPF	
21			Charoli	✓ 483/1	00-00-80	Kanda UPF	
22			Charoli	✓ 489/1	00-00-10	Kanda UPF	
23			Charoli	✓ 14/3	00-31-32	Kanda UPF	
24			Charoli	✓ 249/1	00-01-87	Kanda UPF	
25			Charoli	✓ 272/1	00-00-20	Kanda UPF	
26			Charoli	✓ 808/3	00-06-30	Kanda UPF	
27			Charoli	✓ 791/3	00-04-06	Kanda UPF	
28			Charoli	✓ 421/1	00-00-66	Kanda UPF	
29			Charoli	✓ 471/1	00-00-35	Kanda UPF	

30		Charoli	489/1	00-04-40	Kanda UPF	
31		Charoli	490/1	00-02-40	Kanda UPF	
32		Charoli	453/1	00-02-47	Kanda UPF	
33		Charoli	811/1	00-06-24	Kanda UPF	
34		Charoli	454/1	00-00-30	Kanda UPF	
35		Charoli	790/1	00-00-96	Kanda UPF	
36		Charoli	791/1	00-00-90	Kanda UPF	
37		Charoli	808/1	00-05-04	Kanda UPF	
38		Charoli	793/1	00-08-58	Kanda UPF	
39		Charoli	766/1	00-00-24	Kanda UPF	
40		Charoli	765/1	00-00-04	Kanda UPF	
41		Charoli	764/1	00-01-68	Kanda UPF	
42		Charoli	834/1	00-06-70	Kanda UPF	
43		Charoli	877/1	00-05-36	Kanda UPF	
44		Charoli	945/1	00-08-58	Kanda UPF	
45		Charoli	888/1	00-07-12	Kanda UPF	
46		Charoli	935/1	00-03-08	Kanda UPF	
47		Charoli	938/1	00-22-81	Kanda UPF	
48		Hidah	1071/1	00-01-10	Hidah UPF	
49		Hidah	1077/1	00-01-41	Hidah UPF	
50		Hidah	1073/1	00-00-82	Hidah UPF	
51		Hidah	1067/1	00-03-40	Hidah UPF	
52		Hidah	1067	00-28-84	Hidah UPF	
53		Hidha	455/1	00-00-22	Hidah UPF	
54		Hidah	481/1	00-00-15	Hidah UPF	
55		Hidah	477/1	00-00-45	Hidah UPF	
56		Hidah	1078/1	00-00-48	Hidah UPF	
57		Hidah	1159/1	00-00-50	Hidah UPF	
58		Hidah	1155/1	00-00-36	Hidah UPF	
59		Hidah	588/1	00-17-76	Hidah UPF	
60		Hidah	3/1	00-12-88	Hidah UPF	
61		Dimmi	6/1	00-00-03	Baggi -2 UPF	
62		Dimmi	6/2	00-02-80	Baggi -2 UPF	
		Total		2-85-73		

Countersigned By:-

17/5/2017
 Divisional Forest Officer
 Chopal Forest Div. Chopal
 Chopal Forest Division

Amar Nath Kaushal
 Director
 M/s Hydro More Power Pvt. Ltd.

Authorized Signatory

64A

GENERAL ABSTRACT OF TREES COMING IN THE CONSTRUCTION OF TRANH- CHAROLLI SMALL HYDRO ELECTRIC PROJECT 2MW.

Sr. No.	species	No. of trees.					
1.	Scientific name	Girth (0-30)	Girth (31-60)	Girth (61-90)	Girth (91-120)	Girth (>150)	Total
	Cedrus deodara	4	7	3	0	0	14

(Ankit Kumar Singh, IFS)
Divisional Forest Officer
Chopal Forest Division, Chopal

Name of Work: - Construction of Tranh-Charolli Small Hydro Electric Project 2MW.

Cheek List No.:-14

Enumeration list of trees coming in the alignment of Tranh- Charolli Hydro electric Project Pvt. Ltd. Under Banah Beat Kanda Block of Kanda Ranger under Chopal Forest Division during 07/2021.

Name of Forest:- Banah UPF Area in ha:-136.08ha. Date of Enumeration:-16/07/2021

SL No. /Enur.	Khasra No.	Spp.	Dai	Class	Remarks.
1.	769	Deodar	19/20	V	G.S
2.		-do-	37/38	III	G.S
3.	1693	-do-	58/59	IIB	G.S
4.		-do-	33/34	III	G.S
5.		-do-	40/41	IIA	G.S
6.		-do-	33/34	III	G.S
7.		-do-	14/15	V	G.S
8.		-do-	17/18	V	G.S
9.		-do-	15/16	V	G.S
10.		-do-	68/76	IB	G.S
11.		-do-	33/34	III	G.S
12.		-do-	55/56	IIB	G.S
13.		-do-	60/61	IA	G.S
14.		-do-	62/63	IA	G.S

Abstract

Spp.	V	IV	III	IIA	IIB	IA	IB	Total
Deo. G.S	4	0	4	1	2	2	1	14
Total	0.300	0	3.764	1.689	5.618	8.096	5.670	25.137

Block Forest Office.
KANDA

Range Forest Officer
Forest Range Kanda

Divisional Forest Officer
Chopal Forest Division

Name of Work: - Construction of Tranh-Charolli Small Hydro Electric Project 2MW.

Check List Serial No:-15

**Site inspection Report not below the rank of DCF
(For the Forest land to be diverted under FCA)**

A proposal has been received by this office from the Amar Nath Kaushal authorised signatory M/s Tranh Charoli Small Hydro Electric Project 2MW of Himachal Pradesh for diversion (under FCA -1980) of 2-85-73 hact. of Forest land for non forest purpose. The project envisages the use of forest land for C/o Tranh Charoli Small Hydro Electric Project 2MW. The site inspection of the land involved in proposal has been done by me on dated

06/08/2020

2. On inspection of the site, it is found that the land required by the user agency is a forest area 02-85-73 hact.
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 project.
4. No rare/endangered/unique species of flora and fauna found in the area.
5. No protected archaeological/heritage site/defense establishment or any other important monument is not located in the area proposed for diversion.
6. (a) The user agency has not violated the provisions of Forest (Conservation) Act, 1980 and no work has been started without proper sanction. ✓
(b) It has been found that the user agency has violated the provisions of the Forest (Conservation) Act, 1980 Indian Forest Act, 1927/ any other Forest Act. X

Specific recommendation for acceptance or otherwise of the proposal. The proposal is recommended for approval.

Saurabh
Divisional Forest Officer,
Forest Division, Chopal
Divisional Forest Officer
Chopal Forest Division

Name of Work: - Construction of Tranh-Charolli Small Hydro Electric Project - 2MW.

CHECK LIST SERIAL NUMBER :- 16

Location Map

Location Map of Non-forest/degraded forest Area identified for Compensatory Afforestation in lieu of proposal for diversion of 02-85-73 hac of forest land in the Villages i.e. Sainj of UPF Bag Tehsil Chopal District Shimla Forest Division Chopal Forest Range Kanda block No./ Compartment No./Survey No. 53F9.

Saurabh
Divisional Forest Officer
Forest Division, Chopal
Chopal Forest Division

Location Map
Compensatory Affor-
estation in lieu of
diversion of forest
land in the
Villages i.e. Sainj
of UPF Bag Tehsil
Chopal District Shimla
Forest Division
Chopal Forest Range
Kanda block No./
Compartment No./
Survey No. 53F9

Area identified for
diversion of 02-85-73 hac
of forest land in the
Villages i.e. Sainj of
UPF Bag Tehsil Chopal
District Shimla Forest
Division Chopal Forest
Range Kanda block No./
Compartment No./
Survey No. 53F9

Chopal Forest Division
Chopal Forest Range
Kanda block No./
Compartment No./
Survey No. 53F9

Sourabh.

Toposheet No.
53F9

CHECK LIST SERIAL NO:-17

Bill for compensatory afforestation scheme over 5.7146 hectare forest land in lieu of diversion of 2.8573 hectare for the construction of Tranh- Charoli Small Hydro Electric Prject 2 MW, within the jurisdiction of Chopal forest division District Shimla HP.

Area proposed for compensatory afforestation in hac.								5.7146 ha.			
Name of the proposed plantation area								UPF Bag			
Total No. of plants to be planted								14458			
Rate per plant								28/-			
Plants to be planted per hectare								1100			
Particulars of works	Area in Ha.	Unfit cost at wages structure per ha. for 2022-23 including plants cost	Total Amount Col 2x3	No. of plants planted 1 ha.	Total No. of plants planted (2X5)	Total amount of plants @ 28 of each plant	Total amount (Unfit cost+ Plant Cost (4+7)	Year of execution of works	Cost exaction	Amount of cost escalation.	Total amount (Col. 4+7)
1	2	3	4	5	6	7	8	9	10	11	12
Initial cost CA over an area of CA	5.7146	89800	513171	1100	6286	176010	689181	2023-24	10%	68918	758099
1st year Maintenance	5.7146	10600	60575	330	1886	52803	113378	2024-25	20%	22676	136053
2nd year Maintenance	5.7146	7100	40574	220	1257	35202	75776	2025-26	30%	22733	98508
3rd year Maintenance	5.7146	3700	21144	110	629	17601	38745	2026-27	40%	15498	54243
4th year Maintenance	5.7146	3700	21144	110	629	17601	38745	2027-28	50%	19372	58117
5th year Maintenance	5.7146	3700	21144	110	629	17601	38745	2028-29	60%	23247	61992
6th year Maintenance	5.7146	3700	21144	110	629	17601	38745	2029-30	70%	27121	65866
7th year Maintenance	5.7146	3700	21144	110	629	17601	38745	2030-31	80%	30996	69741
8th year Maintenance	5.7146	3700	21144	110	629	17601	38745	2031-32	90%	34870	73615
9th year Maintenance	5.7146	3700	21144	110	629	17601	38745	2032-33	100%	38745	77490
10th year Maintenance	5.7146	3700	21144	110	629	17601	38745	2033-34	110%	42619	81364
			Total		14458						1535090
					Contingencies charges @ 5%						76755
					Total						1611845
					Departmental Charges 17.50%						282073
					G. Total						1893917

(Ankit Kumar Singh IFS)
Deputy Conservator of Forests,
Chopal Forest Division Chopal

Name of Work: - Construction of Trinh-Charolli Small Hydro Electric Project - 2MW.

CHECK LIST SERIAL NUMBER :- 18

"LAND SUITABILITY CERTIFICATE That 5.7146 hectares land bearing Survey No. 53 F9 UPF Bag , Manjholi Beat, Sainj Block, Kanda forest range of the near Village Sainj Tehsil Kupvi District Shimla, H.P. identified for Compensatory afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

AK MY
Divisional Forest Officer
 Forest Division, Chopal
Chopal Forest Division

7/18

Name of Work: - Construction of Tranh-Charolli Small Hydro Electric Project - 2MW.

CHECK LIST SERIAL NUMBER :- 19

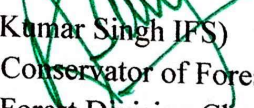
a)	Extent in hectare of forest land broken/encroached and the number of trees illicitly felled.	Nil
b)	The name and the designation of official/ person who are prima facie responsible for the contravention of the provision of the Act supported by requisite documents.	Nil
c)	In case it is not possible to fix the responsibility for commissioning of omission of any leading of violation of the provision of the act full explanation with relevant supporting documents to be appended.	Nil
d)	Detail of action taken by the DFO against illicit felling /encroachments illegal mining etc. under the provision of IFA-1927/PLPA-1900/ other state Acts etc.	Nil

7/18 ref
Divisional Forest Officer
Forest Division
Chopal Forest Division

CHECK LIST SERIAL NO:-32

Bill for dumping scheme over 0.66 hectare of forest land in lieu of diversion of 02-8573 ha for the construction of Tranh- Charoli Small Hydro Electric Project 2 MW, within the jurisdiction of Chopal forest division District Shimla HP.

Area proposed for Muck Dumping in ha.								0.66 Hectare			
Plants to be planted per ha.								1100			
Total No. of plants to be planted								1670			
Rate per plant								28/-			
Species to be planted								Deodar, Chil, Ban & other B/L			
Particulars of works	Area in Ha.	Unfit cost at wages structure per ha. for 2022-23 including plants cost	Total Amount Col 2x3	No. of plants planted 1 ha.	Total No. of plants planted (2X5)	Total amount of plants @ 28 of each plant	Total amount (Unfit cost+Plant Cost (4+7)	Year of execution of works	Cost exaction	Amount of cost escalation.	Total amount (Col. 4+7)
1	2	3	4	5	6	7	8	9	10	11	12
Initial cost CA over an area of CA	0.6600	89800	59268	1100	726	20328	79596	2023-24	10%	7960	87556
1St year Maintenance	0.6600	10600	6996	330	218	6098	13094.4	2024-25	20%	2619	15713
2nd year Maintenance	0.6600	7100	4686	220	145	4066	8751.6	2025-26	30%	2625	11377
3rd year Maintenance	0.6600	3700	2442	110	73	2033	4474.8	2026-27	40%	1790	6265
4th year Maintenance	0.6600	3700	2442	110	73	2033	4474.8	2027-28	50%	2237	6712
5th year Maintenance	0.6600	3700	2442	110	73	2033	4474.8	2028-29	60%	2685	7160
6th year Maintenance	0.6600	3700	2442	110	73	2033	4474.8	2029-30	70%	3132	7607
7th year Maintenance	0.6600	3700	2442	110	73	2033	4474.8	2030-31	80%	3580	8055
8th year Maintenance	0.6600	3700	2442	110	73	2033	4474.8	2031-32	90%	4027	8502
9th year Maintenance	0.6600	3700	2442	110	73	2033	4474.8	2032-33	100%	4475	8950
10th year Maintenance	0.6600	3700	2442	110	73	2033	4474.8	2033-34	110%	4922	9397
			Total		1670						177293
					Contingencies charges @ 5%						8865
					Total						186158
					Departmental Charges 17.50%						32578
					G. Total						218735


 (Ankit Kumar Singh IFS)
 Deputy Conservator of Forests,
 Chopal Forest Division Chopal

Name of Work: - Diversion of 02.8573 ha of forest land in favour of construction of Tranh-Charolli Small Hydro Electric Project -2MW..

CERTIFICATE

1. That the proposed Tranh-Charolli Small Hydro Electric Project is at a distance of 13 km. from Eco sensitive zone Talra wildlife sanctuary and 2 km from the boundary of proposed Eco sensitive zone of Churdhar Wildlife sanctuary.
2. That the Hydro Project does not fall within the proposed Eco sensitive zone of Talra and Eco sensitive zone Churdhar wildlife sanctuary.
3. That the proposed Hydro Project is an offshoot Hydro Project from Tranh-Charolli Small Hydro Electric Project 2 MW.
4. That there is no scope for the construction of any wildlife corridor in the alignment of the proposed Hydro Project.
5. The construction of the said Hydro Project shall not pose any kind of danger to the wildlife or its habitat of the area.

Therefore, the case is recommended from wildlife point of view as it is perceived that present construction of the proposed Hydro Project shall have no adverse impact on the wildlife.

13/12/19
Divisional Forest Officer
Chopal Forest Division Chopal

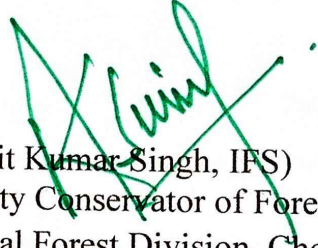
Name of Work: - Construction of Tranh-Charolli Small Hydro Electric Project-02-MW.

**CALCULATIONS OF THE NET PRESENT VALUE (NPV) OF THE FOREST
LAND BEING DIVERTED**

In consonance to the order dated 28/03/2008 of Hon'ble Supreme Court of India in writ petition (Civil) number 202 of 1995, the Net Present Value of the forest being diverted is calculated as under:-

The Ecological Class VI includes the forest type found in the forest diverted. The average density of the forest is 0.01 i.e. open forests

The Hon'ble Supreme Court has fixed NPV of Rs. 10,69,470/- per hectare for class VI eco-value, open forest hence the total value works out to be Rs. 30,55,797/- for 02.8573 hac of forest land being diverted.

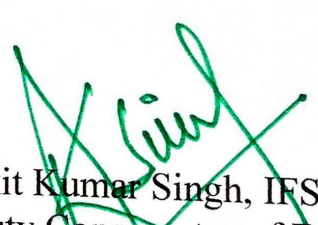

(Ankit Kumar Singh, IFS)
Deputy Conservator of Forest
Chopal Forest Division, Chopal

Name of Work:- Construction of Tranh-Charolli Small Hydro Electric Project-02-MW.

BILL FOR NPV

Calculation of Net Present Value (NPV) of the forest land to be diverted under FCA.

1. Area being diverted.	:-	02.8573 hac.
2. Total trees in the diverted land.	:-	14
3. Trees below class- III	:-	4
4. Trees above and class- III.	:-	10
5. Conservation of trees below class-III trees into above class trees by taking 2 trees of up to class- III as one trees of higher class.	:-	-
6. No of trees in nil.	:-	-
7. If 400 trees above class- III per hectare then density.	:-	100%
8. Rate applicable for forest having density less than 10%.	:-	Rs.10,69,470/-
9. Rate applicable for forest having density less than 10% of dense Forest Eco- Class VI	:-	Rs. 10,69,470/-
10. For 02.8573 hectare NPV Chargeable.	:-	Rs. 30,55,797/-
11. Total amount.	:-	Rs. 30,55,797/-


(Ankit Kumar Singh, IFS)
Deputy Conservator of Forest
Chopal Forest Division, Chopal

Name of Work:- Construction of Tranh-Charolli Small Hydro Electric Project-02-MW.

BILL FOR NPV

Calculation of Net Present Value (NPV) of the forest land to be diverted under FCA for Construction of **Tranh-Charolli Small Hydro Electric Project-02-MW.**


1.	Area being diverted	02.8573ha.
2.	Density	0.01 (Open Forest)
3.	Rate applicable for forest having density below 10%	$02.8573 \times 10,69,470 = 30,55,796.631$ Or say Rs. 30,55,797/-
4.	For one hectare NPV chargeable.	10,69,470/-


(Ankit Kumar Singh, IFS)
Deputy Conservator of Forest
Chopal Forest Division, Chopal

COST OF TREES

Enumeration list of trees cutting in the Construction of **Tranh-Charolli Small Hydro Project-2 MW, Tehsil Kupvi District Shimla HP.**

Sl. No.	Species name.	Total volume	Rate per cum.	Amount
1.	Deodar (Cedrus Deodara)	25.137	84683/-	21,28,676.571
Total				21,28,677/-


(Ankit Kumar Singh, IFS)
Deputy Conservator of Forests,
Chopal Forest Division, Chopal

Name of Work: - **Diversion of 2-8573 hectare of Forest land for the construction of Tranh-Charoli SHP-2 MW in favour of Hydro Pvt. Ltd, within the jurisdiction of Chopal Forest Division Distt. Shimla HP.**

CERTIFICATE

That the proposed **Tranh-Charoli SHP-2 MW** is at a aerial distance of 12.21 km. from Eco sensitive zone Churdhar wildlife sanctuary.

That the **Tranh-Charoli SHP-2 MW** does not fall within the proposed Eco sensitive zone of Talra and Eco sensitive zone Churdhar wildlife sanctuary.

That the proposed project is an offshoot **Tranh-Charoli SHP-2 MW**

The construction of the said **Tranh-Charoli SHP-2 MW** shall not pose any kind of danger to the wildlife or its habitat of the area.

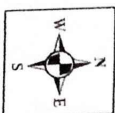
Therefore, the case is recommended from wildlife point of view as it is perceived that present construction of the proposed **Tranh-Charoli SHP-2 MW** shall have no adverse impact on the wildlife.


Deputy Conservator of Forests
Chopal Forest Division Chopal

Aerial Distance For The Construction Of Tranh Charoli SHP-2 MW

77°30'0"E

77°45'0"E



Applicant

Deputy Conservator Of Forests
Chopal Forest Division

DISTANCE FROM THE BOUNDARY OF THE WILD LIFE SANCTUARY / ESZ

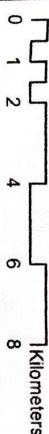
12.21 Km Aerial Distance From Tarla Wild Life Sanctuary
5.09 Km Aerial Distance From Eco-Sensitive Zone

Toposheet Numbers

(1) 53 F-9
(2) 53 F-5
Scale: 1:50,000

LEGEND

- Location Of Hydro-Project
- Churchar WL Sanctuary
- Eco-Sensitive Zone Boundary
- Distance b/w Project Location to Nearest Point of Wildlife Sanctuary
- Distance b/w Project Location to Nearest Point of Eco-Sensitive Zone Boundary



Prepared By :-
Gis Cell, HPFD

