

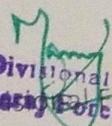
PART-II

(To be filled by the concerned Deputy Conservator of Forests)

7	Location of the Project/ Scheme	Himachal Pradesh
	i) State/Union Territory	Kullu
	ii) District	Seraj at Banjar
	iii) Forest Division	4.90 Ha. For the C/o Tatta Pani to Khun Sulhanu Dhar road.
	iv) Area of Forest Land Proposed for diversion (in ha.)	Pokhaerdhar DPF & Sulhanu DPF
	v) Legal Status of Forest	0.04
	vi) Destiny of vegetation	As per list Attached Page... 40-46
	vii) Species wise (scientific names) and diameter class wise enumeration of trees (to be enclosed) in case of irrigation/Hydel projects enumeration at FRL-I meter also to be enclosed.	
	viii) Brief on vulnerability of the forest area to erosion.	Area is not vulnerable to soil erosion.
	ix) Approximate distance of proposed site for diversion from boundary of forest.	0.1 KM
	x) Whether forms part of national park, wildlife sanctuary, biosphere, reserve, tiger reserve, elephant corridor etc. (if so the detail of the area and comments of the Chief Wildlife warden to be annexed)	No
	xi) Whether any rare/endangered/unique species to flora and fauna found in the area? If so detail thereof.	No
	xii) 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
8	Whether the requirement 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.	The requirement of forest land is unavoidable and barest minimum.
9	Whether any work in violation of the act has been carried out? If yes, detail of the same including period of work done, action taken on erring officials, whether work in violation is still in progress?	No
10	Detail of compensatory afforestation scheme	Attached Page 50 to 59

	i) Detail of non forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches and size of each patch.	
	ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Attached Page--54
	iii) Detailed compensatory afforestation and adjoining forest boundaries.	Attached Page 54
	iv) Total financial outlay for compensatory	
	v) Certificate from competent authority regarding suitability of compensatory afforestation and from management point of view (to be signed by the concerned Deputy Conservator of Forest)	
11	Site inspection report of the DCF (to be Enclosed) especially high lighting facts asked in Col. 7 (ixxii) 8 and 9 above.	Attached Page --3689492
12	Division/District Profile	Seraj Forest Division Banjar
	i) Geographical area of the district	5503 Sqkms
	ii) Forest area of the district	270.17 Sq kms
	iii) Total Forest area diverted since 1980 on.	299.3983 ha (45 cases)
	iv) Forest land including penal compensatory afforestation	592.27 ha
	v) Non Forest land	Nil
	vi) Progress of compensatory as on dated 31.12.21 on.	592.27
	vii) Forest land	
	viii) Non Forest Land	Nil
13	Specific recommendations of the DCF for acceptance of otherwise of the proposal with reasons.	Recommended

Date 29.03.2023
 Place Banjara


 Divisional Parasit Office
 Seraj Forest Division Banjar.
 Seraj Forest Division Banjar

Enumeration List of Trees in road alignment of Tatta Pani to Khun Sulhanu Dhar in Sulhanu Forset in Jibhi Beat, Jibhi Block, In respect of Banjar Forest Range vide Rd No 0/00 to 9/400 km During 2020-21

Sr.No	Tree No	Species	Name of Forest	Botanical Name	Dia.	Class	Remarks
1	1/20	Deodar	Sulhanu C-IV	Cedrus Deodara	53-54	IIB	Green standing
2	2/20	Deodar	Sulhanu C-IV	Cedrus Deodara	67-68	IA	Green standing
3	3/20	Deodar	Sulhanu C-IV	Cedrus Deodara	62-63	IA	Green standing
4	4/20	Deodar	Sulhanu C-IV	Cedrus Deodara	65-66	IA	Green standing
5	5/20	Deodar	Sulhanu C-IV	Cedrus Deodara	54-55	IIB	Green standing
6	6/20	Deodar	Sulhanu C-IV	Cedrus Deodara	62-63	IA	Green standing
7	7/20	Deodar	Sulhanu C-IV	Cedrus Deodara	56-57	IIB	Green standing
8	8/20	Deodar	Sulhanu C-IV	Cedrus Deodara	73-74	IB	Green standing
9	14/20	Deodar	Sulhanu C-IV	Cedrus Deodara	64-65	IA	Green standing
10	15/20	Deodar	Sulhanu C-IV	Cedrus Deodara	45-46	IIA	Green standing
11	16/20	Deodar	Sulhanu C-IV	Cedrus Deodara	53-54	IIB	Green standing
12	17/20	Deodar	Sulhanu C-IV	Cedrus Deodara	53-54	IIB	Green standing
13	18/20	Deodar	Sulhanu C-IV	Cedrus Deodara	42-43	IIA	Green standing
14	19/20	Deodar	Sulhanu C-IV	Cedrus Deodara	34-35	III	Green standing
15	20/20	Deodar	Sulhanu C-IV	Cedrus Deodara	35-36	III	Green standing
16	21/20	Deodar	Sulhanu C-IV	Cedrus Deodara	65-66	IA	Green standing
17	22/20	Deodar	Sulhanu C-IV	Cedrus Deodara	48-49 Civ	IIA	Green standing
18	23/20	Deodar	Sulhanu C-IV	Cedrus Deodara	51-52	IIB	Green standing
19	24/20	Deodar	Sulhanu C-IV	Cedrus Deodara	44-45	IIA	Green standing
20	25/20	Deodar	Sulhanu C-IV	Cedrus Deodara	34-35	III	Green standing
21	26/20	Deodar	Sulhanu C-IV	Cedrus Deodara	45-46	IIA	Green standing
22	27/20	Deodar	Sulhanu C-IV	Cedrus Deodara	46-47	IIA	Green standing
23	28/20	Deodar	Sulhanu C-IV	Cedrus Deodara	57-58	IIB	Green standing
24	29/20	Deodar	Sulhanu C-IV	Cedrus Deodara	45-46	IIA	Green standing
25	30/20	Deodar	Sulhanu C-IV	Cedrus Deodara	47-48	IIA	Green standing
26	31/20	Deodar	Sulhanu C-IV	Cedrus Deodara	41-42	IIA	Green standing
27	32/20	Deodar	Sulhanu C-IV	Cedrus Deodara	38-39	III	Green standing
28	58/20	Deodar	Sulhanu C-IV	Cedrus Deodara	52-53	IIB	Green standing
29	59/20	Deodar	Sulhanu C-IV	Cedrus Deodara	41-42	IIA	Green standing
30	60/20	Deodar	Sulhanu C-IV	Cedrus Deodara	82-83	IC	Green standing
31	61/20	Deodar	Sulhanu C-IV	Cedrus Deodara	28-29	IV	Green standing
32	62/20	Deodar	Sulhanu C-IV	Cedrus Deodara	63-64	IA	Green standing
33	63/20	Deodar	Sulhanu C-IV	Cedrus Deodara	53-54	IIB	Green standing
34	64/20	Deodar	Sulhanu C-IV	Cedrus Deodara	53-54	IIB	Green standing
35	65/20	Deodar	Sulhanu C-IV	Cedrus Deodara	46-47	IIA	Green standing
36	66/20	Deodar	Sulhanu C-IV	Cedrus Deodara	61-62	IB	Green standing
37	67/20	Deodar	Sulhanu C-IV	Cedrus Deodara	55-56	IIB	Green standing
38	68/20	Deodar	Sulhanu C-IV	Cedrus Deodara	62-63	IA	Green standing
39	69/20	Deodar	Sulhanu C-IV	Cedrus Deodara	64-65	IA	Green standing
40	70/20	Deodar	Sulhanu C-IV	Cedrus Deodara	82-83	IC	Green standing

Atty
9/10/2020 Beat

Ambedkar
BLOCK FOREST
OFFICER JIBHI

Divisional Forest Officer
Banjar Forest Range
Banjar

Range Forest Officer
Banjar Range

Abstract of trees in Sulhanu C-IV Forest

Spp.	Classification							Total Tree
	IV	III	IIA	IIB	IA	IB	IC	
Class	IV	III	IIA	IIB	IA	IB	IC	40
Deodar	1	4	11	11	9	2	2	
Volume	0.06	0.42	1.27	2.41	3.54	4.81	6.09	95.88 m3
Total Vol (m3)	0.06	1.68	13.97	26.51	31.86	9.62	12.18	

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OFFICER #194

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Range Forest Officer
Banjar Range

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Divisional
Banjar Forest Officer
Banjar

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Enumeration List of Trees in road alignment of Tatta Pani to Khun Sulhanu Dhar in Pokhedahr Forset In Jibhi Beat, Jibhi Block, In respect of Banjar Forest Range vide Rd No 0/00 to 9/400 km During 2020-21

Sr.No	Tree No	Species	Name of Forest	Botanical Name	Dia.	Class	Remarks
1	9/20	Deodar	Pokhedahr C-IV	<u>Cedrus Deodara</u>	66-67 P	IA	Green standing
2	10/20	Deodar	Pokhedahr C-IV	<u>Cedrus Deodara</u>	67-68	IA	Green standing
3	11/20	Deodar	Pokhedahr C-IV	<u>Cedrus Deodara</u>	56-57	IIB	Green standing
4	12/20	Deodar	Pokhedahr C-IV	<u>Cedrus Deodara</u>	54-55	IIB	Green standing
5	13/20	Deodar	Pokhedahr C-IV	<u>Cedrus Deodara</u>	55-56	IIB	Green standing
6	56/20	Deodar	Pokhedahr C-IV	<u>Cedrus Deodara</u>	38-39 p	III	Green standing
7	57/20	Deodar	Pokhedahr C-IV	<u>Cedrus Deodara</u>	36-37P	III	Green standing

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 9/1/2021

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 OFFICER JIBHI

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 Range Forest Officer
 Banjar Range

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 Divisional Forest Officer
 Banjar Forest Division
 Banjar

Abstract of Enumeration list of Trees in Pokherdhar C-IV Forest

Spp.	Classification							Total Tree
	IV	III	IIA	IIB	IA	IB	IC	
Class								
Deodar	0	2	0	3	2	0	0	7
Volume	0.06	0.42	1.27	2.41	3.54	4.81	6.09	
Total Vol (m ³)	0	0.84	0	7.23	7.08	0	0	15.15 m ³

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Range Forest Officer
Banjar Range

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Divisional Forest Officer
Banjar Forest Division at
Banjar

Enumeration List of Trees in road alignment of Tatta Pani to Khun Sulhanu Dhar in Sulhanu Forset in Jibhi Beat, Jibhi Block, In respect of Banjar Forest Range vide Rd No 0/00 to 9/400 km During 2020-21

Sr.No	Tree No	Species	Name of Forest	Botanical Name	Dia.	Class	Remarks
1	33/20	Deodar	Sulhanu C-III	Cedrus Deodara	28-29	IV	Green standing
2	34/20	Deodar	Sulhanu C-III	Cedrus Deodara	38-39	III	Green standing
3	35/20	Deodar	Sulhanu C-III	Cedrus Deodara	54-55	IIB	Green standing
4	36/20	Deodar	Sulhanu C-III	Cedrus Deodara	58-59	IIB	Green standing
5	37/20	Deodar	Sulhanu C-III	Cedrus Deodara	32-33	III	Green standing
6	38/20	Deodar	Sulhanu C-III	Cedrus Deodara	46-47	IIA	Green standing
7	39/20	Deodar	Sulhanu C-III	Cedrus Deodara	46-47	IIA	Green standing
8	40/20	Deodar	Sulhanu C-III	Cedrus Deodara	51-52	IIB	Green standing
9	41/20	Deodar	Sulhanu C-III	Cedrus Deodara	68-69	IA	Green standing
10	42/20	Deodar	Sulhanu C-III	Cedrus Deodara	33-34	III	Green standing
11	43/20	Deodar	Sulhanu C-III	Cedrus Deodara	42-43	IIA	Green standing
12	44/20	Deodar	Sulhanu C-III	Cedrus Deodara	53-54	IIB	Green standing
13	45/20	Deodar	Sulhanu C-III	Cedrus Deodara	44-45	IIA	Green standing
14	46/20	Deodar	Sulhanu C-III	Cedrus Deodara	67-68	IA	Green standing
15	47/20	Deodar	Sulhanu C-III	Cedrus Deodara	66-67	IA	Green standing
16	48/20	Deodar	Sulhanu C-III	Cedrus Deodara	62-63	IA	Green standing
17	49/20	Deodar	Sulhanu C-III	Cedrus Deodara	54-55	IIB	Green standing
18	50/20	Deodar	Sulhanu C-III	Cedrus Deodara	61-62	IA	Green standing
19	51/20	Deodar	Sulhanu C-III	Cedrus Deodara	56-57	IIB	Green standing
20	52/20	Deodar	Sulhanu C-III	Cedrus Deodara	41-42	IIA	Green standing
21	53/20	Deodar	Sulhanu C-III	Cedrus Deodara	45-46	IIA	Green standing
22	54/20	Deodar	Sulhanu C-III	Cedrus Deodara	36-37	III	Green standing
23	55/20	Deodar	Sulhanu C-III	Cedrus Deodara	48-49	IIA	Green standing

Enumeration List of Trees in road alignment of Tatta Pani to Khun Sulhanu Dhar in Sulhanu Forset in Jibhi Beat, Jibhi Block, In respect of Banjar Forest Range vide Rd No 0/00 to 9/400 km During 2020-21

Sr.No	Tree No	Species	Name of Forest	Botanical Name	Dia.	Class	Remarks
71	71/20	Deo.	Sulhanu C-II	Cedrus Deodara	34-35	III	Green standing
72	72/20	Deo.	Sulhanu C-II	Cedrus Deodara	48-49	IIA	Green standing

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On behalf of
BLOCK FOREST OFFICER, JIBHI

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Range Forest Officer Banjar Range

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Divisional Forest Officer Banjar Forest Division Banjar

Abstract of Enumirato list of trees in Sulhanu -C-III forset								Total Tree
Spp.	Classification							
	IV	III	IIA	IIB	IA	IB	IC	
Class	IV	III	IIA	IIB	IA	IB	IC	23
Deodar	1	4	7	6	5	0	0	
Volume	0.06	0.42	1.27	2.41	3.54	4.81	6.09	42.79 m3
Total Vol (m3)	0.06	1.68	8.89	14.46	17.7	0	0	

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Banjar Range

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Divisional Forest Officer
Seraj Forest Division at
Banjar

GENERAL ABSTRACT

Spp.	Classification								Total Tree
	Sapling	IV	III	IIA	IIB	IA	IB	IC	
Deodar	20	2	11	19	20	16	2	2	72
Volume	0	0.06	0.42	1.27	2.41	3.54	4.81	6.09	
Total Vol. (m3)	0	0.12	4.62	24.13	48.2	56.64	9.62	12.18	155.51 m3

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Range Forest Officer
Banjar Range

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Divisional Forest Officer
Forest Division of
Banjar

Full Title of the Project:- C/o Tatta Pani to Khun Sulhanu Dhar road.

File No: FP/HP/Road/150507/2021

Date of Proposal:

CHECK LIST SERIAL NUMBER: 16

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 Executive Engineer HPPWD Banjar, Distt. Kullu (H.P.) for diversion (under FCA-1980) of 4.90 ha. of forest land for non forestry purpose. The subject envisages the use of forest land for Construction of Tatta Pani to Khun Sulhanu Dhar road Distt. Kullu (HP.). The site inspection of the land involved in the proposal has been done by me on dated

On inspection of the site, it is found that the land required by the user agency is a forest measuring 4.90 ha.

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.

Whether any rare/ endangered/ unique species of flora and fauna found in the area. If so, the details thereof. **None**

Whether any protected archaeological/ heritage site/ defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required. **None**

(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 Forest (Conservation) Act, 1980 provisions. A detailed report as per para 1.9 of Chapter 1, Part C of Hand book of Forest (Conservation) Act, 1980 is attached).

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

Specific recommendation for acceptance or otherwise of the proposal.

"Recommended"

Place : Banjar.....

Date: 21-03-2023.....

(Signature)
M. Anand

Name

Designation.....

Office Seal

**Divisional Forest Officer
Seraj Forest Division at
Banjar**

Full Title of the Project:- C/o Tatta Pani to Khun Sulhanu Dhar road.

File No: FP/HP/Road/150507/2021

Date of Proposal:

CHECK LIST SERIAL NUMBER:-17

LOCATION MAP

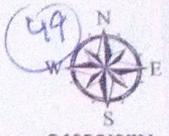
Location Map of Non- Forest/Degraded Forest Area identified for compensatory afforestation in lieu of proposal for diversion of 4.90 ha of forest land for construction of Tatta Pani to Khun Sulhanu Dhar road in Kullu District Village Sulhanu (30 Jalora), Tehsil Banjar, District Kullu Forest Division Seraj Forest Range Banjar No./Compartment No./Survey No. 30 Jalora area 9.80 ha.

Map attached

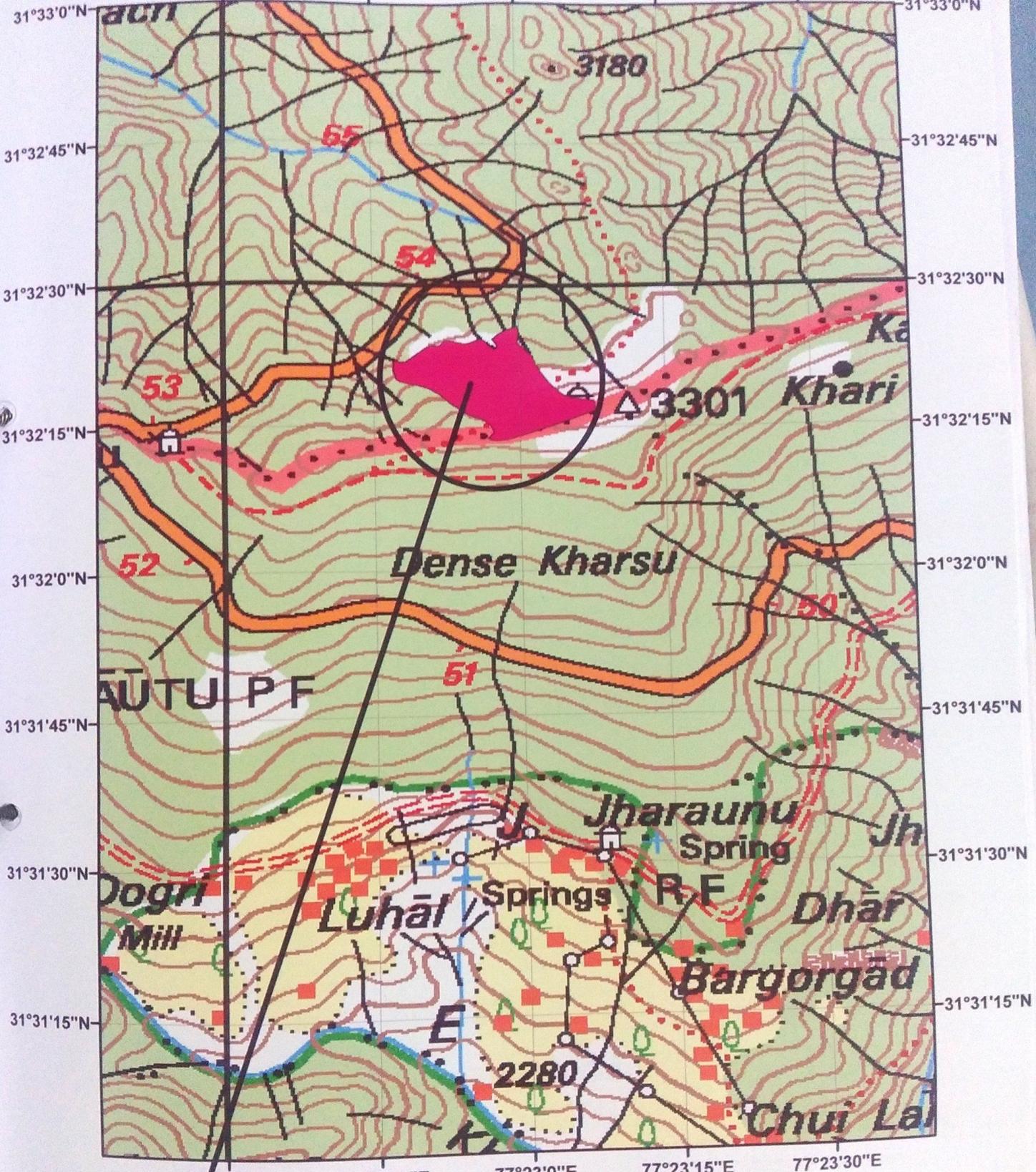
Area to be taken for compensatory afforestation.

Map
Divisional Forest Officer
Seraj Forest Division
Seraj Forest Division Banjar.

TOPO-SHEET MAP FOR PROPOSED C/O TATTA PANI TO KHUNSULHANU DHAR ROAD KM 0/0 TO 9/400



77°22'30"E 77°22'45"E 77°23'0"E 77°23'15"E 77°23'30"E



PROPOSED C.A SITE(9.80 Hectare)

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 District Forest Officer
 Beraj Forest Division
 Beraj

TOPO-SHEET NO: H43F6(OLD NO. 53E6)

Full Title of the Project:- *Diversion of 4.90 ha of forest land in favour of Executive Engineer HPPWD Banjar Distt Kullu (H.P.) for the construction of Tatta Pani to Khun Sulhanu Dhar road within the jurisdiction of Seraj Forest Division, Distt. Kullu, Himachal Pradesh.*

File No: EP/HP/Road/150507/2021

Date of Proposal

CHECK LIST SERIAL NUMBER-18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detailed scheme of CA be carried out in lieu of 4.90 ha of Forest area to be diverted for the C/o Tatta Pani to Khun Sulhanu Dhar Distt. Kullu H.P.

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

District Kullu village 30 Jalora Tehsil: Banjar

Name of Forest Division:- Seraj, Range:- Banjar

Block/Compartment/Survey No. :- Banjar/30 Jalora/53E/6 to be Afforested 9.80 ha.

(Land Bank)

2. Description of Area:

i. Whether the site selected for Compensatory Afforestation is a land Bank or Not:- Land Bank.

ii. If the CA site is other than the land bank, reasons be given:- NA

iii. In case of non-forest area identified of CA, then what is the distance of CA site from the adjoining Forest boundary:- N.A.

iv. Soil type:- Clayey Loam.

i. Topography:-

ii. Hilly/undulating/Plain= Hilly-Undulating

iii. Slope: Steep/Medium/Gentle = Steep to medium

iv. Whether the area is bearing any root stock of vegetation: Only few bush growths

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing Component-wise physical and financial break up to be enclosed.

51

4. Schedule of Plantation Programme:-

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

ABSTRACT				
A	New Plantation	9.8	84200	825160
	1st Year Maintenance	9.8	22050	216090
	2nd Year Maintenance	9.8	22100	216580
	3rd Year Maintenance	9.8	22100	216580
	4th Year Maintenance	9.8	22100	216580
	5th Year Maintenance	9.8	22100	216580
	6th Year Maintenance	9.8	22100	216580
	7th Year Maintenance	9.8	22100	216580
	8th Year Maintenance	9.8	22100	216580
	9th Year Maintenance	9.8	22100	216580
	10th Year Maintenance	9.8	22100	216580
	TOTAL COST (1.68 ha)		305150	2990470
B	Add contingencies @ 5% of total cost.			149523.5
	Total (A+B)			3139994
	Add Departmental charges @ 17.5% on total cost.			549498.9
	Grand Total			3689492

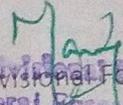
1. Technical Detail:-

Technical details of Compensatory afforestation Scheme are as follows:-

a	General Details	Area for Compensatory Afforestation in Sojha Beat, Banjar Block, Banjar Range in, 30 Jalora to be Afforested 9.80 Ha.
b	Spacing	3mx3m
c	Species	Site specific species OBL, Ban Oak, Deodar, Fir/Spruce etc.
d	Plantation method	By pits 60*60*60 cm
e	Protection (Fencing watch man, People's participation etc.)	Through people participation, Forest Guard etc, and fencing 5 Stand B/Wire interlacing with thorny bushes.
f	Proposed Monitoring Mechanism: Manually:	Proper inspection of the area by field Staff & Officers of the Department as per mandatory Field inspection protocol
g	Any other information:	NA

Place : Banjar

Dated:-

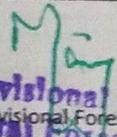

Divisional Forest Officer
Seraj Forest Division, Banjar

FILE No : FP/HP/Road/150507/2021						
Site Specific Compensatory Afforestation Plantation Scheme for Planting of 1100 Plants (in 4.90 ha) for the Diversion of Forest land Area .9.80 ha for the C/o Tatta Panl to Khun Salhanu Dhar road under Seraj Forest Division Distt. Kullu.						
Sr. No.	Particulars of work	Unit	Quantity	Rate per unit at the wage rate of Rs 150/-	Norm at the wage rate of Rs 350/- for Non-Tribal areas	Amount (Rs)
A FENCING COST						
1	Survey and demarcation of plantation area	ha	1	101	235.00	235.00
2	Preparation/Purchase of RCC fence posts @ rate of Rs. 358 per cost	No	60	250	358.00	21480.00
3	Carriage of RCC Fence post upto 165cm long over a distance of 2 km uphill/download	Km/ No	60	33.5	67.00	8040.00
4	Preparation/Digging of holes 20-30cm dia 50 cm size	No	60	9.07	18.14	1088.40
5	Fixing of RCC fence Post l/c strutting	No.	60	7.16	14.32	859.20
6	Carriage of B/Wire over a distance of 2 Km uphill/download	KM/ Qtl	0.85	73.65	147.30	250.41
7	Stretching & Fixing of Barbed Wire in 4 strands	Rmt	720	4.8	9.60	6912.00
8	Interlacing of Thorny Bushes along the Fence	Rmt	180	4	8.00	1440.00
9	Cost of Barbed Wire	Qtl	0.9	6510	6510.00	5859.00
Total -Fencing (A) =						46164.01
Or Say						46200
B PLANTING COST						
1	Bush Cutting in Strips (3mx3m)	Ha	1	1192.8	2803.08	2803.08
2	Digging of pits 45*45*45* cm size	No	550	9.54	22.42	12330.45
3	Digging of pits 30*30*30* cm size	No	550	4.77	11.21	6165.23
4	Filling of pits 45*45*45* cm.	No	550	2.72	6.39	3515.60
5	Filling of pits 30*30*30* cm.	No	550	1.91	4.49	2468.68
6	Carriage of Plants in P Bags over distance 2 Km	KM/ No	550	1.9	4.47	4911.50
7	Planting of Plants Raised in P/Bags	No	550	2.18	5.12	2817.65
8	Construction of Inspection Path 60 cm wide	Rmt	100	11	25.85	2585.00
9	Cost of Sign Board Carriage & Fixing	No	1	LS	400.00	400.00
Total (B)						37997.18
Or Say						38000.00
Grand Total (Fencing+Planting) A+B=						84200.00
C MAINTENANCE COST						
a 1ST YEAR MAINTENANCE - 30% MORTALITY						
1	Re-digging of pits 45*45*45* cm	Nos	330	4.77	9.54	3148.20
2	Filling of pits 45*45*45* cm.	Nos	330	2.72	5.44	1795.20
3	Digging of pits 30*30*30* cm size	Nos	330	2.38	4.76	1570.80
4	Filling of pits 30*30*30* cm.	Nos	330	1.91	3.82	1260.60
5	Carriage of poly plants from nursery to nearest	Nos	330	LS	LS	1500.00
6	Carriage of Plants in P Bags over distance 2 km huhill/downhill	Nos	330	1.9	3.80	2508.00
7	Planting of Plants raised in P/Bags	Nos	330	2.18	4.36	1438.80
8	Cost of Normal Plants raised in P-bag	Nos	330	26	26.00	8580.00
9	Repair of Fencing	Rmt	60	1.8	3.60	216.00
Total 1st Year Maintenance						22017.60
Or Say						22050
b 2nd YEAR MAINTENANCE -20% MORTALITY						
1	Re-digging of pits 45*45*45* cm	Nos	220	4.77	9.54	2098.80
2	Filling of pits 45*45*45* cm.	Nos	220	2.72	5.44	1196.80
3	Digging of pits 30*30*30* cm size	Nos	220	2.38	4.76	1500.00
4	Filling of pits 30*30*30* cm.	Nos	220	1.91	3.82	1500.00
5	Carriage of poly plants from nursery to nearest	Nos	220	LS	LS	1500.00
6	Carriage of Plants in P Bags over distance 2 km huhill/downhill	Nos	220	1.9	3.80	1672.00
7	Planting of Plants raised in P/Bags	Nos	220	2.18	4.36	959.20
8	Cost of Normal Plants raised in P-bag	Nos	220	26	52.00	11440.00
9	Repair of Fencing	Rmt	60	1.8	3.60	216.00
Total 2nd Year Maintenance						22082.80
Or Say						22100
c 3rd YEAR MAINTENANCE -10% MORTALITY						
1	Re-digging of pits 45*45*45* cm	Nos	110	4.77	9.54	1049.40
2	Filling of pits 45*45*45* cm.	Nos	110	2.72	5.44	598.40
3	Digging of pits 30*30*30* cm size	Nos	110	2.38	4.76	1500.00

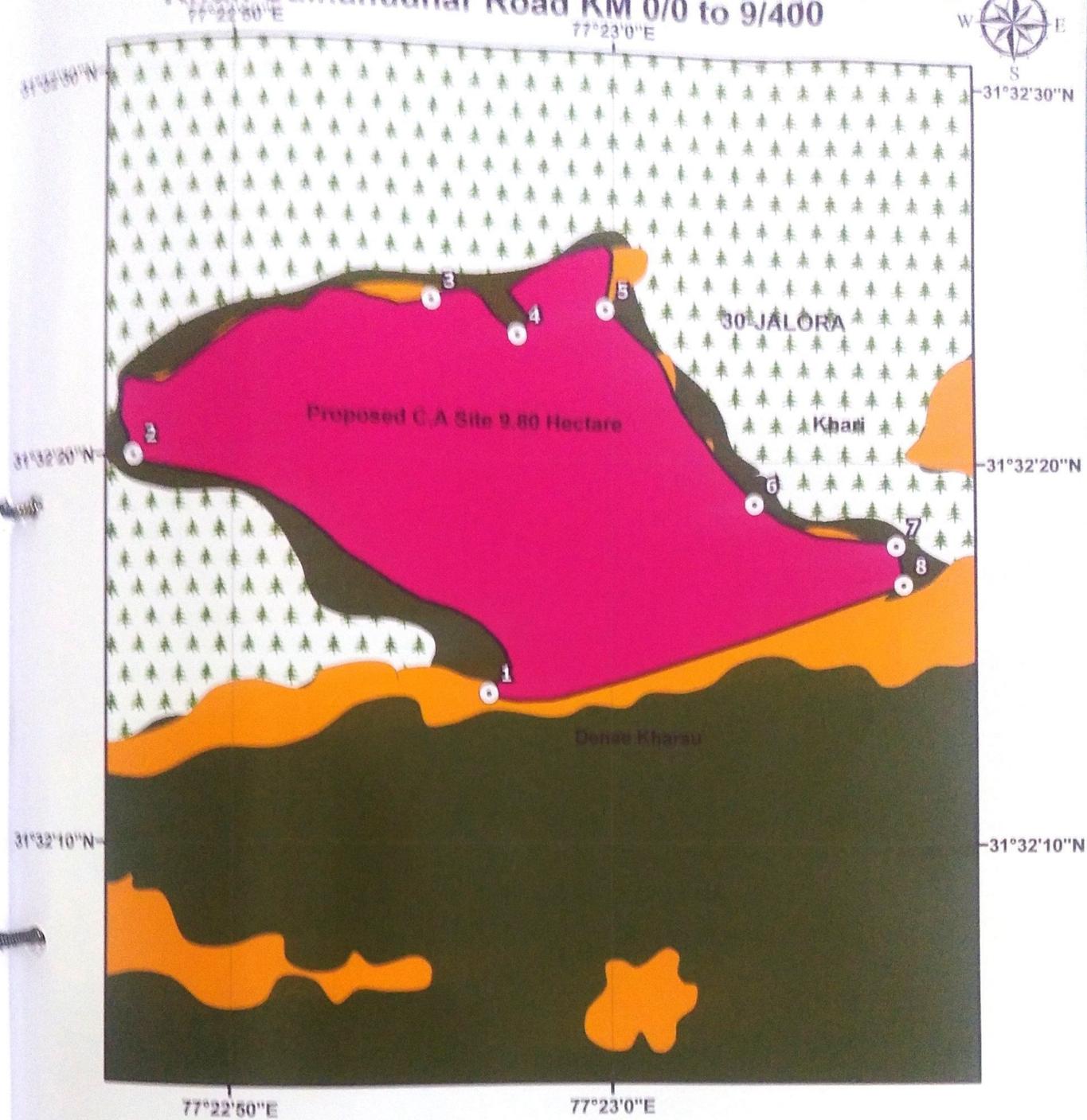
		Nos	110	1.91	3.82	1500.00
4	Filling of pits 30*30*30 cm.	Nos	110	LS	LS	1500.00
5	Carriage of poly plants from nursery to nearest	Nos	110	1.9	3.80	836.00
6	Carriage of Plants in P Bags over distance 2 km	Nos	110	2.18	4.36	479.60
7	Planting of Plants raised in P/Bags	Nos	110	26	52.00	5720.00
8	Cost of Normal Plants raised in P-bag	Rmt	60	1.8	3.60	216.00
9	Repair of Fencing					
	Total 3st Year Maintenance					13399.40
	Or Say					22100
	4th YEAR MAINTENANCE	L/s				22100.00
e	5th YEAR MAINTENANCE	L/s				22100.00
f	6th YEAR MAINTENANCE	L/s				22100.00
i	7th YEAR MAINTENANCE	L/s				22100.00
j	8th YEAR MAINTENANCE	L/s				22100.00
k	9th YEAR MAINTENANCE	L/s				22100.00
l	10th YEAR MAINTENANCE	L/s				22100.00
	Grand Total--Maintenance (C) =					220950.00
D	Grand Total -New+Maintenance (A+B+C) =					305150.00
	ABSTRACT					

ABSTRACT (CA = 9.80 ha)

A	New Plantation	9.8	84200	825160
	1st Year Maintenance	9.8	22050	216090
	2nd Year Maintenance	9.8	22100	216580
	3rd Year Maintenance	9.8	22100	216580
	4th Year Maintenance	9.8	22100	216580
	5th Year Maintenance	9.8	22100	216580
	6th Year Maintenance	9.8	22100	216580
	7th Year Maintenance	9.8	22100	216580
	8th Year Maintenance	9.8	22100	216580
	9th Year Maintenance	9.8	22100	216580
	10th Year Maintenance	9.8	22100	216580
	TOTAL COST (1.68 ha)		305150	2990470
B	Add contingencies @ 5% of total cost.			149523.5
	Total (A+B)			3139994
	Add Departmental charges @ 17.5% on total cost.			549498.9
	Grand Total			3689492


 Divisional Forest Officer
 Seraj Forest Division at Banjar.

Land-Use C.A Map for Proposed C/O Tatta Pani to Khun Sulhanudhar Road KM 0/0 to 9/400



COORDINATES		
SR.NO	LATITUDE	LONGITUDE
1	31°32'13.87"N	77°22'56.70"E
2	31°32'19.96"N	77°22'47.34"E
3	31°32'23.99"N	77°22'55.16"E
4	31°32'23.17"N	77°22'57.44"E
5	31°32'23.90"N	77°22'59.79"E
6	31°32'18.89"N	77°23'3.82"E
7	31°32'17.82"N	77°23'7.62"E
8	31°32'16.79"N	77°23'7.82"E

Location	
Name of Forest	30-Jalora(Jajendhi Thachi)
Beat	Sojha
Block	Jibhi
Division	Seraj at Banjar

Legend

- Proposed Site
- Open Scrub
- Scattered Forest
- Dense Forest

Manoj Kumar
 Divisional Forest Officer
 Seraj Forest Division at Banjar

Manoj Kumar
 Banjar

Prepared By:
 Genius Geo Solutions
 #62/2, Purani mandi
 Distt. Mandi, H.P
 Mob: 7807377126



Full Title of the Project:- C/o Tatta Pani to Khun Sulhanu Dhar road.

File No: FP/HP/Road/150507/2021

Date of Proposal:

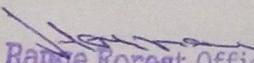
CHECK LIST SERIAL NUMBER:-20

LAND SUITABILITY CERTIFICATE BY DFO (T)

This is to certify that 9.80 hec land bearing Survey No ./
Compartment No 53 /E/6 Village Sulhanu (30 Jalora) Tehsil Banjar
District Kullu identified for Compensatory afforestation is suitable for
plantation from management point of view and is free and all sorts of
encumbrances and encroachment.

Place...Banjar
Dated...29.03.23

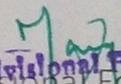

Divisional Forest Officer
Banjar Forest Division at Banjar
Banjar


Range Forest Officer
Banjar Forest Range

NPV Bill

Diversion of 4.90 ha of Forest land for the construction of Tatta Pani to Khun Sulhanu Dhar road Kullu District, in the jurisdiction of Sainj Forest Range, Seraj Forest Division Distt. Kullu (H.P.).

Sr. No.	Particular	Qty.	Rate	Amount
1.	NPV of Eco-Value Class VI for Open Forest as per guidelines of Hon'ble Supreme Court of India vide order dated 28.3.2008.	4.90/-	10,69,470/-	52,40,403/-
			G.Total	52,40,403/-


Divisional Forest Officer
Seraj Forest Division
Seraj Forest Division at Banjar.