

**DIVERSION OF 0.30 HA. OF FOREST LAND FOR CONSTRUCTION OF SEWERAGE
TREATMENT PLANT AT NADDI IN DHARAMSHALA, DISTRICT KANGRA, (H.P.)**

FILE NO. : **FP/HP/Others/51314/2020**

DATE OF PROPOSAL :

PART-II

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


State serial No. of proposal _____

7. Location of the project/Scheme:	
i. State/Union Territory	Himachal Pradesh
ii. District.	Kangra
iii. Forest Division	Dharamshala Forest Division
iv. Area of forest land proposed for diversion (in ha.)	0.30 ha.
iv. Legal status of the forest	DPF
v. Density of vegetation.	0.1
vi. 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.)	No Felling of trees involved.
vii. Brief note on vulnerability of the forest area to erosion.	The Site is not vulnerable to Land Slides.
viii. Approximate distance of proposed site for diversion from boundary of forests.	0.250 Kms.
ix. Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).	No
x. Whether any rare/ endangered/ unique species of flora and fauna found in the area- if so details thereof.	No such rare endangered species of flora and fauna are found in the area.
xi. Whether any protected archaeological /heritage site/defence establishment or any other important monument is located in the area. If so, the details	No

thereof with NOC from competent authority, if required.	
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 details of alternatives examined.	Yes, the area proposed for diversion is unavoidable and barest minimum for the project.
9. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work 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.	Enclosed at page No 38
ii. Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Enclosed at page No 38
iii. Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Enclosed at page No 39-42
iv. Total financial outlay for compensatory afforestation scheme.	Rs. 2,08,104/-
v. Certificates 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 Forests).	Enclosed at Page No. 43
11. Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Enclosed at Page No. 36

12. Division/District profile:	
i. Geographical area of the district.	573900 ha
ii. Forest area of the district.	61061.58 ha
iii. Total forest area diverted since 1980 with number of cases.	204.0269 ha (102)
iv. Total compensatory afforestation stipulated in the district/division since 1980 on :	
(a) forest land including penal compensatory afforestation,	401.1854 ha
(b) non-forest land.	Nil
v. Progress of compensatory afforestation as on (date) 31/03/2021 on	
(a) forest land	383.0814 ha
(b) non-forest land.	Nil
13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reason.	The proposal is recommended for approval since the construction of this Sewerage Treatment Plant will provide long term benefits to large community.

Place : Dharamshala
Dated : **30-05-2022**


Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

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SPECIAL RECOMMENDATION

The area proposed for construction of Sewerage Treatment Plant at Naddi in Mohal Naddi, Tehsil Dharamshala, District Kangra, requires 0.30 hectare of forest land. The diversion of 0.30 hectare of forest land is hereby recommended for approval as it will have long term environmental benefits as the area proposed is located far from the city and is barren land suitable for construction of Sewerage Treatment Plant.

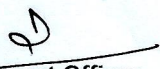
Place : Dharamshala

Dated : **09-03-2021**


Dr. Sanjay Sharma (HPFS)
Divisional Forest Officer
Forest Division
Dharamshala Forest Division
Dharamshala

**BILL FOR NET PRESENT VALUE FOR DIVERSION OF FOREST LAND FOR
CONSTRUCTION OF SEWERAGE TREATMENT PLANT AT NADDI IN MOHAL NADDI,
TEHSIL DHARAMSHALA, DISTRICT KANGRA (H.P.)**

<u>Eco-Value Class</u>	<u>Area in Hectare</u>	<u>Rate(per Hectare)</u>	<u>Total Amount (Rs.)</u>
ClassV Open Forest Class	0.3	1005210.00	301563.00
TOTAL AMOUNT			301563.00


Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

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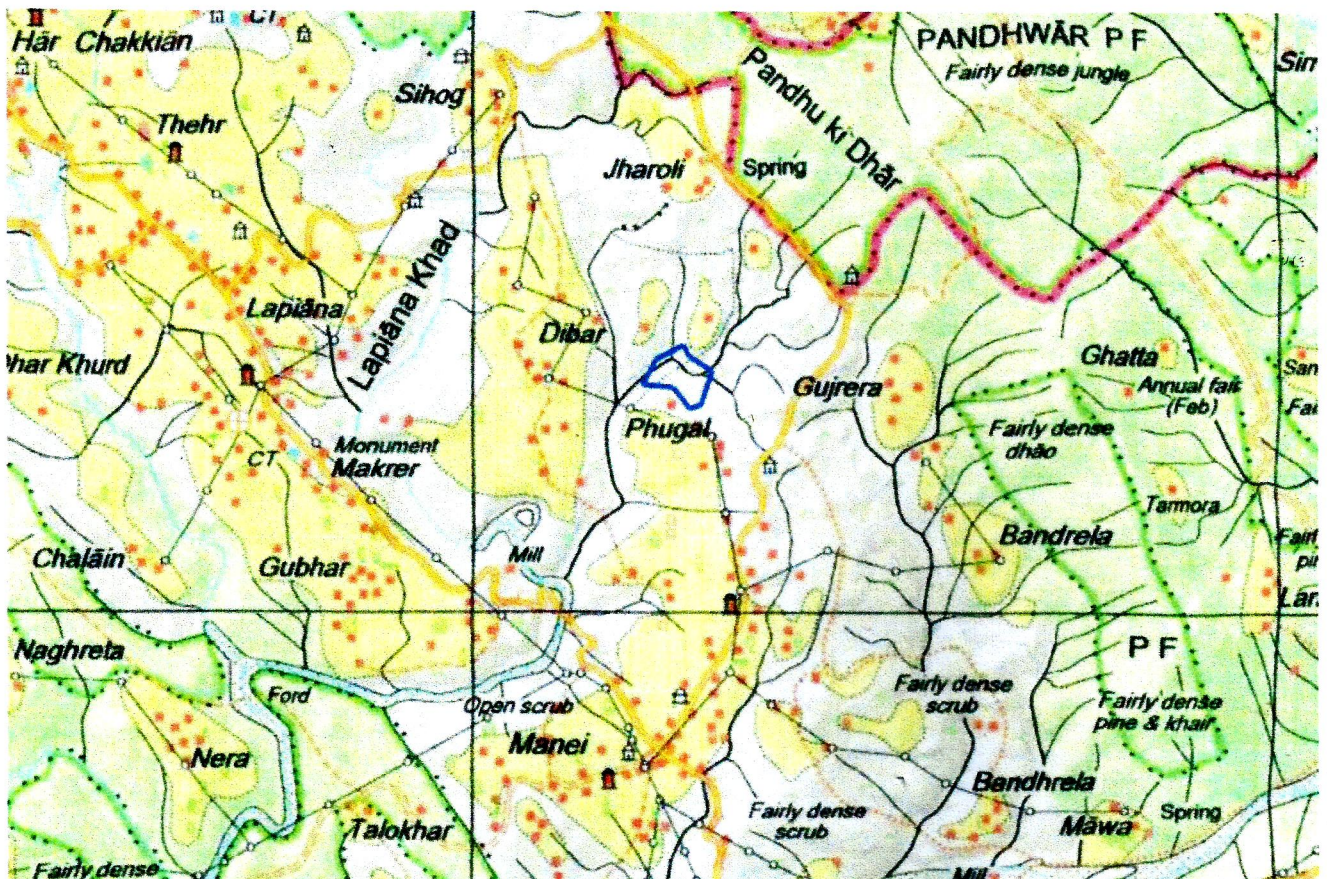
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LOCATION MAP

Location Map of degraded forest Area identified for Compensatory Afforestation in lieu of proposal for diversion of 0.30 ha. of forest land for construction of Sewerage Treatment Plant at Naddi in Tehsil Dharamshala, District Kangra Himachal Pradesh.

Village Pandwar, Tehsil Harchakian, District Kangra, Forest Division Dharamshala, Forest Range Lapiana, block No./ Compartment No./Survey No. UP-93K Fogal C-2 Total Area 5.5 Hac.

SOI Topo Sheet No. 52 D/4

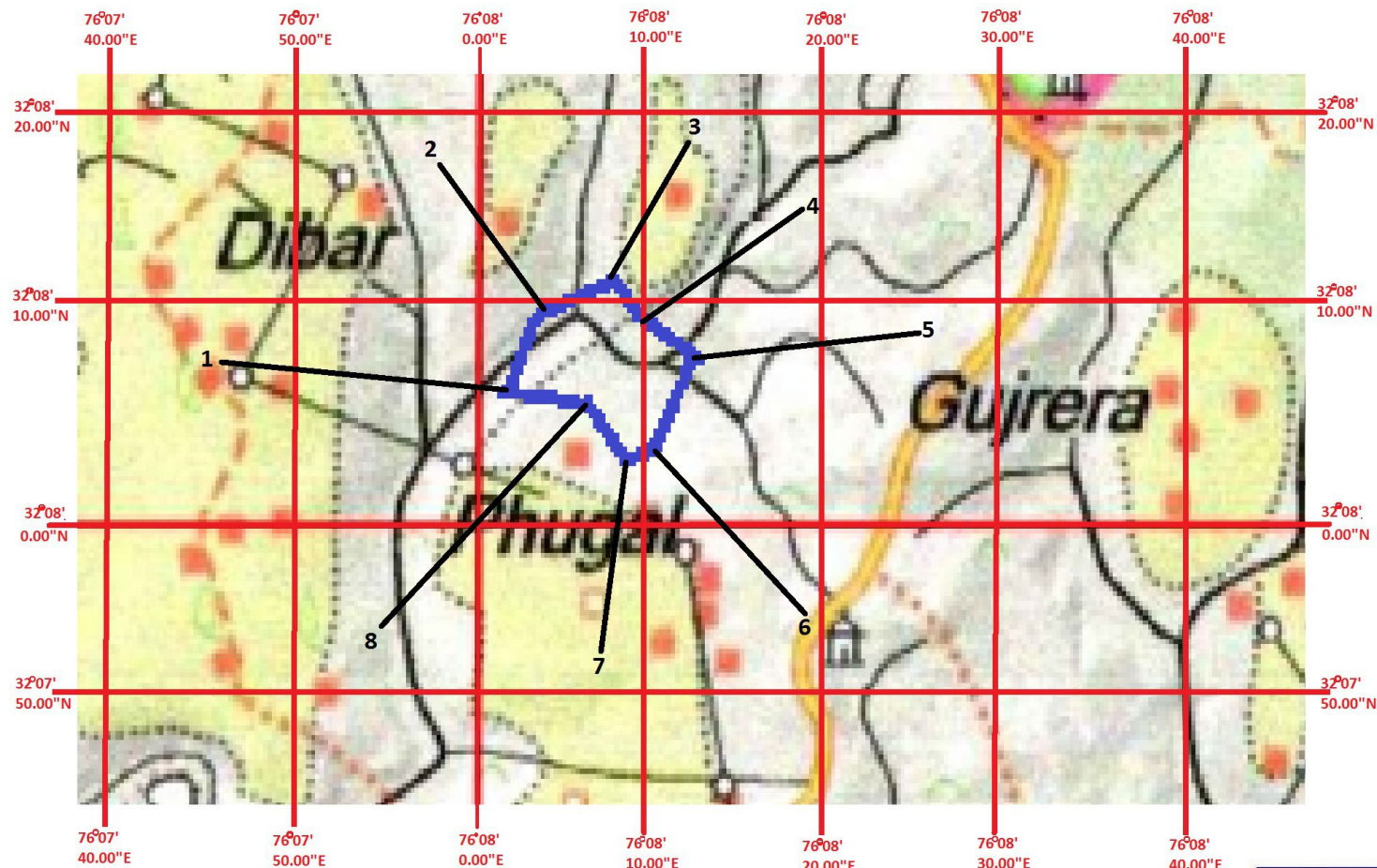


Area to be taken for Compensatory Afforestation.

Dr. Sanjeev Sharma
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

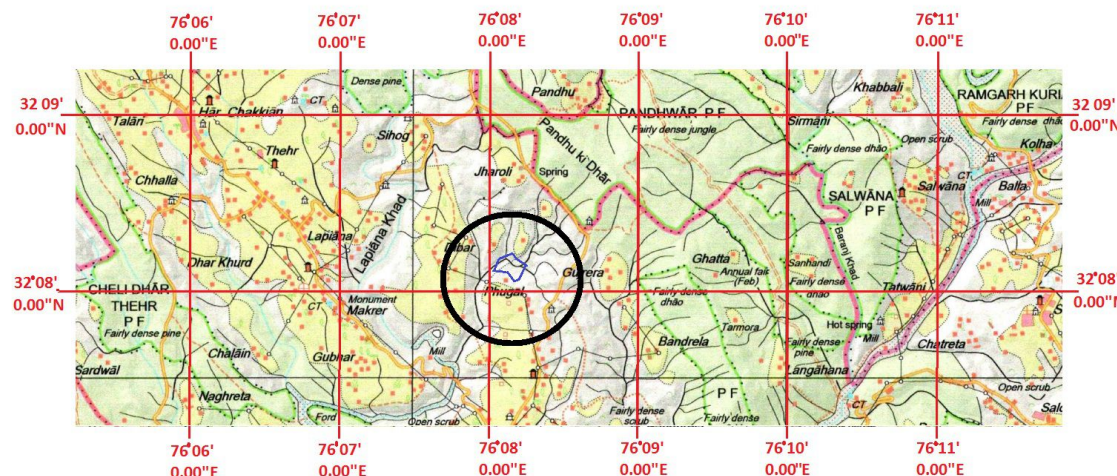
GEO-REFERENCE MAP COMPENSATORY AFFORESTATION

UP - 93K FOGAL C-2



Sr.No.	Easting	Northing	Remarks
1	76°8 '0.13\"E	32°8 '4.49\"N	C.A. LAND
2	76°8 '2.8\"E	32°8 '8.49\"N	
3	76°8 '7.83\"E	32°8 '10.71\"N	
4	76°8 '8.94\"E	32°8 '8.83\"N	
5	76°8 '13.21\"E	32°8 '6.51\"N	
6	76°8 '11.12\"E	32°8 '1.1\"N	
7	76°8 '9.06\"E	32°8 '0.54\"N	
8	76°8 '5.9\"E	32°8 '3.96\"N	

SCALE: 1: 5000



Divisional Forest Officer,
Dharamshala Forest Division,
Ottamansala (Kangra) Jt. F.O.

C.A SITE	
S.O.I SHEET NO. - 52D / 4	
IPH DEPARTMENT DHARAMSHALA	
SEWERAGE TREATMENT PLANT NADDI	

SCALE: 1:50000

**DIVERSION OF 0.30 HA. OF FOREST LAND FOR CONSTRUCTION OF SEWERAGE
TREATMENT PLANT AT NADDI IN DHARAMSHALA, DISTRICT KANGRA, (H.P.)**

FILE NO. : **FP/HP/Others/51314/2020**

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER: - 17

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0.30 ha. of forest area to be diverted for the construction of Sewerage Treatment Plant at Naddi in Tehsil Dharamshala, District Kangra H.P.

1. Detail of degraded forest land :

District	Kangra
Tehsil	Harchakian
Division	Dharamshala
Range	Lapiana
Beat	Manai
Block	Pandwar
Compartment No.	UP-93K Fogal C-2
Area	Area Proposed 1 ha (Total Area 5.5 ha)

2. Description of Area

a.	Whether the site selected for Compensatory Afforestation is a land bank or not	Land Bank
b.	If the CA site is other than the land bank, reasons be given	Not Applicable
c.	In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary	Not Applicable
d.	Soil type	Sandy Loam
e.	Topography : a.) Hilly/Undulating /Plain b.) Slope- Steep/Medium/Gentle	Hilly Medium
f.	Whether the area is bearing any root stock of vegetation	Yes

3. Plantation Model

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial breakup to be enclosed.

4. Schedule of Plantation Programme

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

YEAR	AREA	RATE / ha (in Rs.)	TOTAL AMOUNT
0 Year	1 Hac.	144026	144026
1 st Year	1 Hac.	5880	5880
2 nd Year	1 Hac.	3250	3250
3 rd Year	1 Hac.	1940	1940
4 th Year	1 Hac.	1940	1940
5 th Year	1 Hac.	1940	1940
6 th Year	1 Hac.	1940	1940
7 th Year	1 Hac.	1940	1940
8 th Year	1 Hac.	1940	1940
9 th Year	1 Hac.	1940	1940
10 th Year	1 Hac.	1940	1940
TOTAL (Rs.)			168676
Contingency Charges 5 %			8434
TOTAL (Rs.)			177110
Departmental Charges 17.5 %			30994
TOTAL (Rs.) for 600 Tall Plants			208104
OR SAY			Rs. 2,08,104/-

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Lapiana Area 1 ha (Total Area 5.5 ha)
b.	Spacing	3.5 X 3.5
c.	Species	Mix Fruit Plants (Tall Plants)
d.	Plantation Method	By pits 30 cm & 45 cm.
e.	Soil and Moisture Conservation Works	Check dam / Retaining walls / Vegetative check dam
f.	Protection (Fencing, Watch man, People's Participation etc.)	Fencing, Watch man, People's Participation etc. Fencing 5 Stand Barbed Wire interlacing with thorny bushes.
g.	Proposed Monitoring Mechanism	Proper inspection of the area by field staff & officers of the Department.
h.	Any other information	N.A.

Place : Dharamshala

Dated : 08-03-2022

Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

DIVERSION OF 0.30 HA. OF FOREST LAND FOR CONSTRUCTION OF SEWERAGE TREATMENT PLANT AT NADDI IN TEHSIL DHARAMSHALA, DISTRICT KANGRA (H.P.)

FILE NO.


FP/HP/Others/51314/2020

DATE OF PROPOSAL

Scheme for Compensatory Afforestation for 2020-21 for Plantation of 600 plants in 1 ha degraded forest land in lieu of Diversion of 0.30 ha of forest land for Construction of Sewerage Treatment Plant at Naddi in Tehsil Dharamshala, District Kangra, H. P.

Sr. No.	Particulars of work	Qty.	Unit	Rate per Unit at wage rate of Rs. 150/-	Amount @ Wage Rate Rs. 300/- for Non Tribal Areas
1	Survey & demarcation of plantation area	1	Ha.	101.00	202.00
2	Bush Cutting in Strips	1	Ha.	1192.80	2386.00
3	Collection of Debris and Burning	1	Ha.	681.80	1364.00
4	Preparation of Inspection Path 60 cm wide	250	m	11.00	5500.00
5	Digging of pits 60x60x60 cm	600	No.	1745%	20940.00
6	Filling of pits 60x60x60 cm.	600	No.	254%	3048.00
7	Carriage of plants in P/bags from nursery to work site over distance 1 km. (level)	600	No.	1476%	17712.00
8	Planting of tall plants including ramming	600	No.	654%	7852.00
9	Cost of RCC fence posts	50	No.	358.00	17900.00
10	Carriage of RCC Fence Post	50	No.	L/S	16000.00
11	Fixing of RCC Posts including strutting	50	No.	696.35%	696.00
12	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt.	4.80	5616.00
13	Interlacing of thorny bushes with barbed wire	195	Rmt.	4.00	1560.00
14	Cost of barbed wire	0.084	MT.	65100.00	5468.00
15	Cost of U -staple	0.0010	MT.	64000.00	64.00
16	Mulching of plants	600	No.	84.80%	1018.00
17	Irrigation as per need/photography etc.		L/s		2500.00
18	Nursery Cost of Tall Plant	600	No.	57.00	34200.00
	Total				144026.00
Total Planting Cost					144026.00

1	1st Year Maintenance (1 HAC)	5880
2	2nd Year Maintenance (1 HAC)	3250
3	3rd Year Maintenance (1 HAC)	1940
4	4th Year Maintenance (1 HAC)	1940
5	5th Year Maintenance (1 HAC)	1940
6	6th Year Maintenance (1 HAC)	1940
7	7th Year Maintenance (1 HAC)	1940
8	8th Year Maintenance (1 HAC)	1940
9	9th Year Maintenance (1 HAC)	1940
10	10th Year Maintenance (1 HAC)	1940
Total Maintenance Cost		24650
Total Cost		168676
Add: Contingency Charges 5 %		8434
Total		177110
Add: Departmental Charges 17.5 %		30994
Total Cost of CA for 600 Tall Plants in 1 ha		208104


 Divisional Forest Officer
 Dharamshala Forest Division
 Dharamshala, District Kangra

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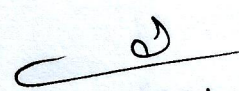
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"SUITABILITY CERTIFICATE BY THE DFO"

This is to certify that Survey No. Compartment No Pandwar in Lapiana Range, Manai Beat, Pandwar Block area measuring 1 ha. (Total Area 5.5 HA), UP-93K Fogal C-2 in Dharamshala Forest Division, District Kangra identified for Compensatory Afforestation in lieu of 0.30 Ha. of forest land for the construction of Sewerage Treatment Plant at Naddi in Mohal Naddi, Tehsil Dharamshala, District Kangra (HP), is in a compact block and contiguous to forest area and is in close proximity of forest area and is suitable for plantation and from the management and protection point of view and is free from all sorts encumbrances and encroachments.

Place : Dharamshala
Dated : 14-09-2021


Dr. Sanjeev Sharma (HFPS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala