

No.FCA/ HRTC Bus Stand/
H.P. Forest Department.

25/5

Dated Rampur, the

19/10/24

From: - C.F Rampur.

To: -Nodal Office-cum- APCCF(FCA)
O/o Pr. CCF (HoFF) H.P Shimla-I.

Subject: - Diversion of 0.3534 hac. forest land in favour of HRTC for construction of Bus Stand at Nankhari within the jurisdiction of Rampur Forest Division, Distt. Shimla H.P.

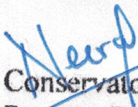
Memo:

Kindly refer to the objection raised in online mode on dated 23.11.2023 on the subject cited above.

2. The point wise reply to the observations raised vide letter under above reference is furnished as under:-

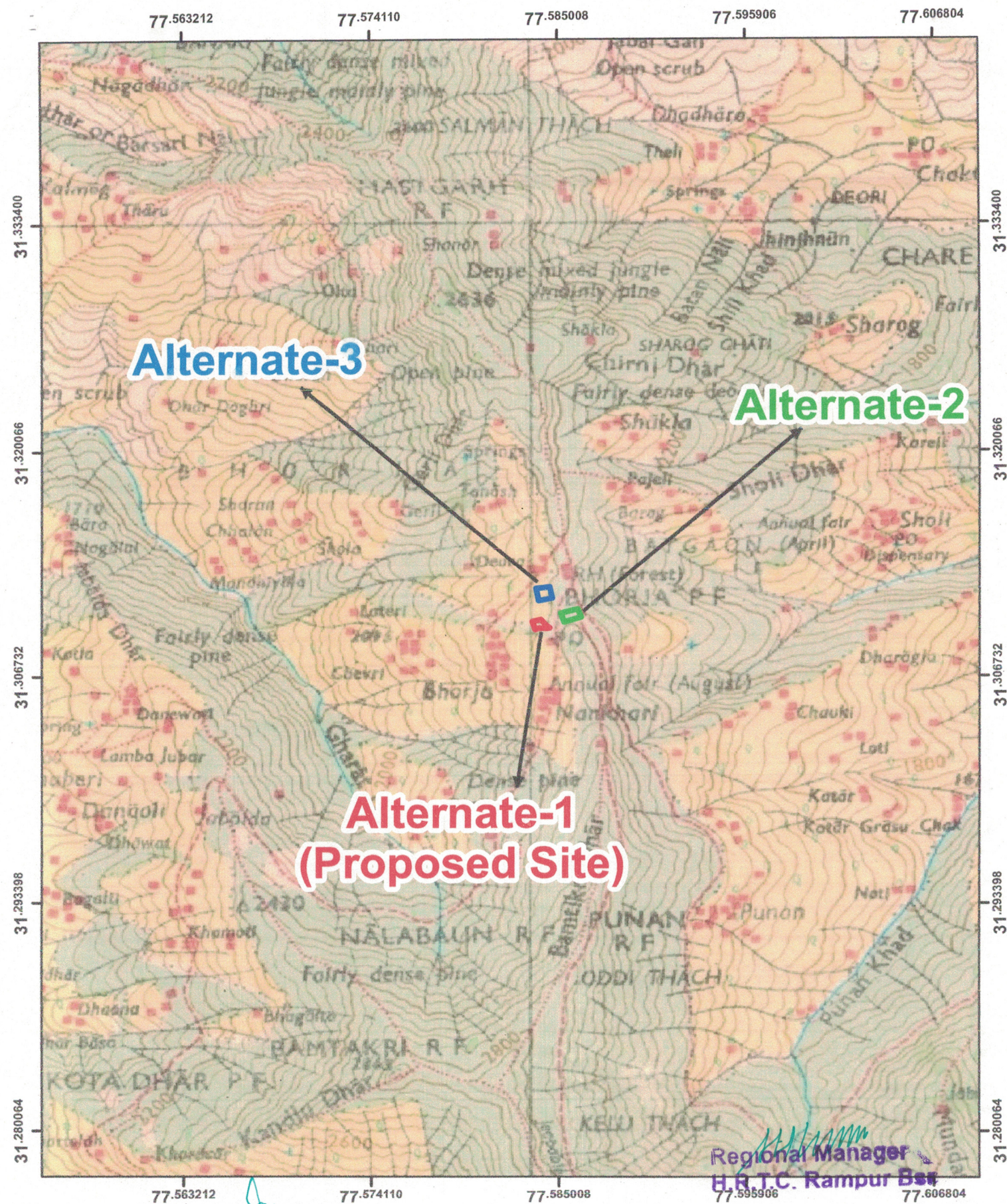
Sr. No.	Observations	Reply
1	The alternative and components has not been found marked in KML file, further the alternative has also not been marked in KML file.	DCF Rampur has intimated the user agency has submitted the revised KML file and uploaded on the Parivesh Portal in online Part-I at Serial Number C-ii (a).
2	Though the proposal is non-site specific, hence justification for locating the project should be uploaded at para D(i) of Part-I as per the guidelines mentioned in Chapter -I handbook of GoI mentioned at point No.1.15.	The revised justification for locating the project has been uploaded at Para -D of Part-I in online Parivesh Portal in additional information at Sr No. 27.
3	The temporary employment detail has been mentioned as 1500 which need to be reviewed.	The correction has been made as per requirement by the user agency in online Part-I in column No. B-2 (E)
4	The date of enumeration has not been mentioned in enumeration list of the trees.	The revised enumeration of trees alongwith date has been uploaded in online Part-II at Sr No.9 in additional information.
5	The reply of the sanctioned budget /administrative and approved DPF of the project my be uploaded online Part-I.	The administrative approval has been uploaded by the user agency in the Parivesh Portal at Sr No. 24 Part-I in additional information.
6	The density of the proposed area has been mentioned as 0.44 whereas, rate of NPV has been applied for open forest, further, 63 trees have been mentioned in NPV bill. The bill of NPV may be revised accordingly	The revised bill of NPV has been uploaded in online portal Part-II at Sr No. 3.

This is for favour of information and further necessary action at your end please.


Conservator of Forests,
Rampur Bsr, H.P.

ALTERNATE TOPO SHEET

Proposed Site C/o Bus Stand Nankhari, Tehsil Nankhari, District Shimla HP



Index

- Dy. Conservator of Forests
Forest Division
Rampur Bushahr (H.P.)
- Alternate-1 (Proposed Site) Alternate-2 Alternate-3

Scale- 1:50000
Topo Sheet- 53E11

Subject:- C/O Bus Stand at Nankhari Tehsil Nankhari Distt. Shimla , H.P.

Online Proposal No.:- FP/HP/OTHERS/ 148085/2021

Justification Regarding Non-Site Specific

The project envisages construction of Bus Stand at Nankhari Tehsil Nankhari Distt. Shimla Himachal Pradesh to provide better and easier transport facility to the public of remote area of the region.

The Bus Stand plays an important role in communication and Public Transport. A bus station is a predetermined place or structure where village/city buses stop to pick up or drop off passengers.

The construction of Bus Stand at Nankhari Tehsil Nankhari Distt. Shimla will provide a single platform for various connecting villages of Tehsil Nankhari, Rampur and Kumarsain and the remote areas. To overcome the problem of transport facility in the region the construction of Bus Stand at Nankhari cannot be avoided. It will cater to the transportation needs of the local people for their daily routine. The area connected to Nankhari Bus Stand is agriculture and Horticulture produce zone.

The proposed site for the said project has been carefully finalized after considering a total No. of three alternate sites for the said project.

The Detail of Alternative examined and reason for their selection and rejection:-

Sr. No	Alternate	Selected/ Rejected	Area	Reason for Selection or Rejection	Remarks
1	Alternate-I	Selected	0.3534 Ha.	Most feasible and suitable site as per the requirement of the project and less number of trees are involved in the alignment of the project.	Recommended as site specific as per the geography and no non-forest land is available for the said project in the region
2	Alternate-II	Rejected	0.5705 Ha.	Hilly side and chances of land slide during Monsoon season and Vulnerable to soil erosion. More area involved in the alignment.	Not feasible
3	Alternate-III	Rejected	0.5965 Ha.	Sloppy site and more number of trees involved in the alignment as compared to Alternate-I and more Vulnerable to soil erosion. More area involved in the alignment.	Not feasible

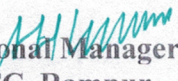
It is further stated that the land holdings in Himachal Pradesh is very less and land acquisition is not possible. Moreover, in this region the private land under the ownership of local people is very less and being a agriculture and horticulture produce zone the people

are dependant on their land holdings for their livelihood and they are not willing in providing their land to the said project and no other non-forest land is available for the said project in the region.

Therefore keeping in view the above parameters **Alternate-I** is finalized for the Bus Stand at Nankhari Tehsil Nankhari Distt. Shimla. This site would be appropriate as no huge damage is suppose to be done to Forest area as well as to environment and beautiful feature of the valley. Ultimately the **Alternate-I** is finalized and adopted for the construction **Bus Stand at Nankhari Tehsil Nankhari Distt. Shimla**. Hence, the project may be considered as site specific and recommended for permission under FCA 1980.

Date: 13.09.2024

Place: Rampur


Regional Manager
HRTC, Rampur



Full Title of the Project: - Diversion of 0.3534 hac. forest land for construction of Bus Stand at Nankhari.

File No.:- FP/HP/Others/148085/2021

Date of Proposal:- 05/10/2021

PART-II

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

State serial No. of proposal _____

	Location of the project/scheme											
(i)	State/union Territory	Himachal Pradesh										
(ii)	District	Shimla										
(iii)	Forest Division	Rampur Forest Division Rampur Bushahr.										
(iv)	Area of forest land proposed for diversion (in ha)	0.3534 ha of Govt./forest land is required to be diverted.										
(v)	Legal status of forest	DPF = 0.3534 ha. Total = 0.3534 ha.										
(vi)	Density of vegetation	Average density of proposed site is 4.66										
(vii)	Specie-wise and class wise enumeration of trees:-											
	S. No.	Name of Species	Class								Total	
			V	IV	III	IIA	IIB	IA	IB	IC	ID	
	1.	Cedrus deodara (Deodar)	0	3	10	29	21	7	2	0	0	72
(viii)	Brief on vulnerability of the forest area to erosion.							The area is not seriously eroded or is not much vulnerable to erosion.				
(ix)	Approximate distance of proposed site for diversion from boundary of forest.							The proposed site is on the forest/govt. land				
(x)	Whether form part of National Park, Wildlife Sanctuary, Biosphere reserve, Tiger reserve, Elephant corridor etc. (if so details of the area and comments of the Chief Wild Life Warden to be annexed)							No				
(xi)	Whether any are/endangered/unique species of flora and fauna found in the area?							No rare or endangered species of flora or fauna is found in the area.				
(xii)	Whether any protected archaeological/heritage site/defense establishment or any other important monument is located in the area? If no, recommended area item wise with details of alternative examined?							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 details of alternative examined?							Yes				
9.	Whether any work in violation of the Act, has been carried out? 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.	The compensatory afforestation over double the land being diverted will be raised over 0.7068 ha. in degraded forest land in D-18 Punan C-III. The detailed compensatory afforestation scheme is attached.
(ii)	Map showing non forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Attached
(iii)	Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule cost structure etc.	Attached
(iv)	Total financial outlay for compensatory afforestation scheme.	Rs. 2,41,287/-
(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 Forests)	Attached
11.	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (ix-xii) 8 & 9 above.	Attached
12.	Division/Districts Profile:	
	i) Geographical area of the district	1,29,848 ha of this division.
	ii) Forest area of the districts	39420.92 ha of this division.
	iii) Total forest area diverted since 1980 with number of cases	No. of cases = 103 Area diverted = 779.2131 hac.
	iv) Total compensatory afforestation stipulated in the districts/division since 1980 as on 31-06-2024	1620.4084 hac.
	a) Forest land including penal compensatory afforestation.	1603.0192 hac.
	b) Non-forest land	-Nil -
	V) Progress of compensatory afforestation as on dated 31-06-2024	
	a) Forest land	1715. 5798 hac.
	b) Non forest land	-Nil-
13.	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons;	The proposal is recommended for approval.

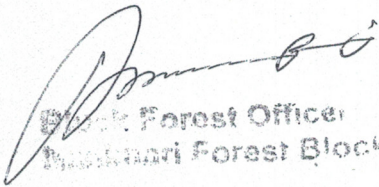
Dated 09/10/24
Place Rampur


(Gurharsh Singh), IFS
Dy. Conservator of Forests
Rampur Forest Division,
Rampur Bushahr (H.P.)
Office Seal _____

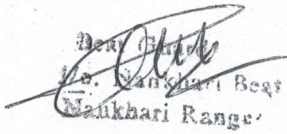
Enumeration list of trees coming in DPF Bhorja C-1 site of HRTC Bus-stand Nankhari Under Nankhari Forest Range detail is as under:-
 Enueration done on dated-30.03.2024

S.No	K.No.-	Species	Dia	Class	Remarks
1	24	Deodar	52-54	IIB	Green Standing
2		Deodar	53-54	IIB	Green Standing
3		Deodar	47-48	IIA	Green Standing
4		Deodar	31-32	IIIrd	Green Standing
5		Deodar	45-46	IIA	Green Standing
6		Deodar	61-62	IA	Green Standing
7		Deodar	43-44	IIA	Green Standing
8		Deodar	53-54	IIB	Green Standing
9		Deodar	58-59	IIB	Green Standing
10		Deodar	48-49	IIA	Green Standing
11		Deodar	57-58	IIB	Green Standing
12		Deodar	61-62	IA	Green Standing
13		Deodar	54-55	IIB	Green Standing
14		Deodar	38-39	IIIrd	Green Standing
15		Deodar	26-27	IV	Green Standing
16		Deodar	43-44	IIA	Green Standing
17		Deodar	48-49	IIA	Green Standing
18		Deodar	48-49	IIA	Green Standing
19		Deodar	45-46	IIA	Green Standing
20		Deodar	68-69	IA	Green Standing
21		Deodar	23-24	IV	Green Standing
22		Deodar	57-58	IIB	Green Standing
23		Deodar	35-36	IIIrd	Green Standing
24		Deodar	48-49	IIA	Green Standing
25		Deodar	45-46	IIA	Green Standing
26		Deodar	53-54	IIB	Green Standing
27		Deodar	56-57	IIB	Green Standing
28		Deodar	57-58	IIB	Green Standing
29		Deodar	43-44	IIA	Green Standing
30		Deodar	65-66	IA	Green Standing
31		Deodar	48-49	IIA	Green Standing
32		Deodar	56-57	IIB	Green Standing
33		Deodar	48-49	IIA	Green Standing
34		Deodar	57-58	IIB	Green Standing
35		Deodar	52-53	IIB	Green Standing
36		Deodar	52-53	IIB	Green Standing
37		Deodar	34-35	IIIrd	Green Standing
38		Deodar	28-29	IV	Green Standing
39		Deodar	42-43	IIA	Green Standing
40		Deodar	72-73	IB	Green Standing
41		Deodar	56-57	IIB	Green Standing
42		Deodar	63-64	IA	Green Standing
43		Deodar	45-46	IIA	Green Standing
44		Deodar	52-53	IIB	Green Standing
45		Deodar	48-49	IIA	Green Standing
46		Deodar	45-46	IIA	Green Standing
47		Deodar	36-37	IIIrd	Green Standing
48		Deodar	48-49	IIA	Green Standing
49		Deodar	45-46	IIA	Green Standing
50		Deodar	48-49	IIA	Green Standing
51		Deodar	61-62	IA	Green Standing

52	24	Deodar	36-37	III	Green Standing
53		Deodar	43-44	IIA	Green Standing
54		Deodar	65-66	IA	Green Standing
55		Deodar	51-52	IIB	Green Standing
56		Deodar	33-34	IIIrd	Green Standing
57		Deodar	73-74	IB	Green Standing
58		Deodar	44-45	IIA	Green Standing
59		Deodar	51-52	IIB	Green Standing
60		Deodar	38-39	III	Green Standing
61		Deodar	37-38	III	Green Standing
62		Deodar	41-42	IIA	Green Standing
63		Deodar	42-43	IIA	Dry Standing
64		Deodar	36-37	III	Green Standing
65		Deodar	43-44	IIA	Green Standing
66		Deodar	45-46	IIA	Dry Standing
67		Deodar	44-45	IIA	Green Standing
68		Deodar	48-49	IIA	Green Standing
69		Deodar	48-49	IIA	Green Standing
70		Deodar	58-59	IIB	Dry Standing
71		Deodar	57-58	IIB	Green Standing
72		Deodar	51-52	IIB	Green Standing



Block Forest Officer
Naikhari Forest Block

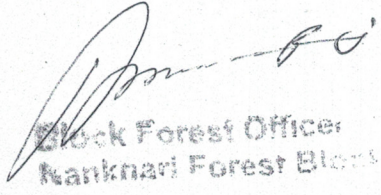


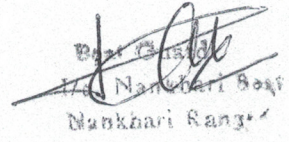
Naikhari Range

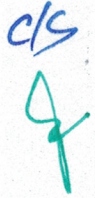
ABSTRACT

S.No	Spp.	IV	III	IIA	IIB	IA	IB	Total
1	Deodar	3	10	29	21	7	2	72
	Volume	1.458	10.39	52.896	59.955	28.882	11.276	164.857


Range Forest Officer
Forest-Range Nankhari


Block Forest Officer
Nankhari Forest Block


Block Forest Officer
Nankhari Forest Block

cls


Dy. Conservator of Forests
Rampur Forest Division
Rampur Bushahr (H.P.)

Full Title of the Project: - Diversion of 0.3534 hac. forest land for construction of Bus Stand at Nankhari.

File No.:- FP/HP/Others/148085/2021

Date of Proposal:- 05/10/2021

CHECK LIST SERIAL NUMBER-18
SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of diversion of 0.3534 ha. of forest area for construction of Bus Stand at Nankhari within the jurisdiction of Rampur Forest Division.

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

District:- Shimla Village:- Punan
Tehsil Nankhari
Name of Forest Division Rampur Bushahr Range:-Nankhari Range
Block/Compartment/Survey No. 53 E/11 D-18 Punan C-III
Khasra No. 201 Mohal DPF-Punan Area to be afforested:- 0.7068 ha.

2. Description of area:-

- i. Whether the site selected for compensatory afforestation is a land bank or not:- Yes.
- ii. If the CA site is other than the land bank, reasons be given:- NA
- iii. In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- NA
- iv. Soil type:- Clayey loam.
- v. Topography:- a. Hilly/undulating/plain.
b. Slope: Steep/Medium/Gentle.
- vi. Whether the area is bearing any root stock of vegetation: - No.

3. Plantation Model:-

Copy of the approved compensatory afforestation scheme/model showing component wise physical and financial break up is enclosed.

4. Schedule of plantation programme:-

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

Year	Area	Rate/ha including 10% enhancement	Total amount
0 year	0.7068 ha.	148390	104883
1 st year maintenance	0.7068 ha.	24750	17493
2 nd year maintenance	0.7068 ha.	17480	12355
3 rd year maintenance	0.7068 ha.	9290	6566
4 th year maintenance	0.7068 ha.	9710	6863
5 th year maintenance	0.7068 ha.	10130	7160
6 th year maintenance	0.7068 ha.	10550	7457
7 th year maintenance	0.7068 ha.	10970	7754
8 th year maintenance	0.7068 ha.	11390	8050
9 th year maintenance	0.7068 ha.	11810	8347
10 th year maintenance	0.7068 ha.	12230	8644

		Total =	195572
		Contingency Charges @ 5%	9779
		Total cost of CA scheme	205351
		Departmental charges @ 17.5%	35936
		G. Total =	241287

5. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 0.7068 ha. will be taken up for planting under compensatory afforestation scheme in D-18 Punan C-III in identified land bank area. The area will be protected by Barbed wire fencing and conifer and broad leaves will be planted. 1100 plants will be planted per hectare.
- (b) Spacement:- 2.5 mtrs x 2.5 mtr
- (c) Species:- Coniferous and other broad leave species.
- (d) Plantation Method:- Nursery grown two and half years old conifer plants and one year old broad leaves 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.
- (e) Soil Moisture Conservation Works:- Contour trenching will be done over the entire area to conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor soil conservation works like trench works, check walls and check dams be done where ever required.
- (f) 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.
- (g) Proposed Monitoring Mechanism:- The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitored by GOI representatives as per instructions. The plantation site will be approachable from Rampur Nankhari road.
- (h) Any other information:- Nil.

Date:-

Place:-


(Gurharsh Singh), IFS
 Dy. Conservator of Forests,
 Rampur Forest Division,
 Rampur Bushahr (H.P.)
 Office Seal _____

BILL FOR COMPENSATORY AFFORESTATION SCHEME IN RESPECT OF DIVERSION OF 0.334 HA. OF FOREST LAND FOR CONSTRUCTION OF BUS STAND AT NANNHARI WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION

Particulars of works		Year of execution of works	Unit cost at wage structure for 2024-25	Cost escalation	Unit cost after applying cost escalation	CA area	Total	No. of plants per ha.	No. of plants to be planted	Cost of plants @ Rs. 31/-	Total Amount
Area proposed for Compensatory Afforestation in ha.											0.7068 Ha.
Number of plants to be planted per hectare											10-19 Panna C-III
Total number of plants to be planted in proposed area											1100
Species to be planted in proposed area											777
Initial cost for raising compensatory Afforestation over an area of 0.7068 hectare		2025-26	103960	10%	114290	0.7068	80780	1100	777	24102	104882
							Conif & Broad leave species				
1 st year maintenance		2026-27	12100	20%	14520	0.7068	10263	330	233	7231	17493
2 nd year maintenance		2027-28	8200	30%	10660	0.7068	7534	220	155	4820	12355
3 rd year maintenance		2028-29	4200	40%	5880	0.7068	4156	110	78	2410	6566
4 th year maintenance		2029-30	4200	50%	6300	0.7068	4453	110	78	2410	6863
5 th year maintenance		2030-31	4200	60%	6720	0.7068	4750	110	78	2410	7160
6 th year maintenance		2031-32	4200	70%	7140	0.7068	5047	110	78	2410	7457
7 th year maintenance		2032-33	4200	80%	7560	0.7068	5343	110	78	2410	7754
8 th year maintenance		2033-34	4200	90%	7980	0.7068	5640	110	78	2410	8050
9 th year maintenance		2034-35	4200	100%	8400	0.7068	5937	110	78	2410	8347
10 th year maintenance		2035-36	4200	110%	8820	0.7068	6234	110	78	2410	8644
							Total =				195572
							Contingencies Charges @ 5%				9779
							Total cost of CA Scheme				205351
							Departmental Charges @ 17.5%				35936
							G. Total =				241287

Conservator of Forests
Rampur Forest Circle, Rampur

(Gurharaj Singh, IFS)
Dy. Conservator of Forests
Rampur Forest Division
Rampur (Rampur District-24)

BILL FOR NPV

Full Title of the Project: - Diversion of 0.3534 hac. forest land for construction of Bus Stand at Nankhari.

File No.:- FP/HP/Others/148085/2021

Date of Proposal:- 05/10/2021

CALCULATION OF NET PRESENT VALUE OF FOREST LAND TO BE DIVERTED UNDER FCA FOR CONSTRUCTION OF BUS STAND AT NANKHARI

1.	Area being diverted	0.3534 ha.
2.	Total trees in the diverted land	72 Nos
3.	Trees up to 3 rd class	13 Nos
4.	Trees above 3 rd class	59 Nos
5.	Conversion of up to 3 rd class trees into 3 rd class trees by taking 2 trees of upto 3 rd class as one tree of higher class.	7 trees upto 3 rd class = 66 trees above 3 rd class
6.	Therefore total trees above 3 rd class	66
7.	No of trees in 3534 sqm.	66 trees
8.	No. of trees per ha.	$66/3534 \times 10000 = 186.75$ trees
9.	If 400 trees of and above 3 rd class per ha then density	100
10.	If 186.75 trees above 3 rd class per ha then density	$100/400 \times 18675/1000 = 4.66 \%$
11.	Rates applicable for forest having density between 0-10% (Open Forest) Eco Class VI	10,69,470/-
12.	For 1 ha. NPV chargeable	10,69,470/-
13.	For 0.3534 ha NPV chargeable	$10,69,470/- \times 0.3534 = 3,77,950/-$
	Total	3,77,950/-


(Gurharsh Singh), IFS
Dy. Conservator of Forests,
Rampur Forest Division,
Rampur Bushahr.
Office Seal _____