

**Enumeration list of trees in land demarcated for new Bus stand Taklech in NDPF D-58 Taklech, Taklech Beat, Taklech Block, Bahli Forest Range carried on dated 18/04/2023 Detail as under :-**


S.N	Spp	Class	Dia	Remarks	S.N	Spp	Class	Dia	Remarks
1	B/L	IA	62-63	G/Standing	26	B/L	IIB	52-53	G/Standing
2	B/L	III	35-36	G/Standing	27	B/L	IV	27-28	G/Standing
3	B/L	IIA	48-49	G/Standing	28	B/L	III	35-36	G/Standing
4	B/L	IV	28-29	G/Standing	29	Walnut	IIB	57-58	G/Standing
5	B/L	IIA	47-48	G/Standing	30	Chil	IIB	55-56	G/Standing
6	B/L	IA	63-64	G/Standing	31	B/L	IV	26-27	G/Standing
7	B/L	IIA	48-49	G/Standing	32	B/L	IV	27-28	G/Standing
8	B/L	III	36-37	G/Standing	33	B/L	III	35-36	G/Standing
9	B/L	III	31-32	G/Standing	34	B/L	IV	23-24	G/Standing
10	Walnut	IV	23-24	G/Standing	35	B/L	V	18-19	G/Standing
11	B/L	IV	27-28	G/Standing	36	B/L	IIA	49-50	G/Standing
12	B/L	IIA	41-42	G/Standing	37	B/L	III	34-35	G/Standing
13	B/L	III	35-36	G/Standing	38	B/L	IB	73-74	G/Standing
14	B/L	IIB	54-55	G/Standing	39	B/L	IV	28-29	G/Standing
15	B/L	IIA	44-45	G/Standing	40	B/L	IV	25-26	G/Standing
16	B/L	IV	23-24	G/Standing	41	B/L	III	33-34	G/Standing
17	B/L	IV	24-25	G/Standing	42	B/L	III	34-35	G/Standing
18	Walnut	IIA	43-44	G/Standing	43	B/L	IIA	45-46	G/Standing
19	B/L	IB	75-76	G/Standing	44	B/L	III	35-36	G/Standing
20	B/L	IV	26-27	G/Standing	45	B/L	IV	23-24	G/Standing
21	Walnut	IV	24-25	G/Standing	46	B/L	IIA	42-43	G/Standing
22	B/L	IIB	53-54	G/Standing	47	B/L	III	35-36	G/Standing
23	Walnut	IIA	44-45	G/Standing	48	B/L	IV	25-26	G/Standing
24	B/L	IIB	53-54	G/Standing	49	B/L	III	32-33	G/Standing
25	B/L	IV	28-29	G/Standing	50	B/L	IIA	48-49	G/Standing



**Abstract**

S.N	Spp	Class																TOTAL VOL(m)	TOTAL No
		V		IV		III		IIA		IIB		IA		IB					
		No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol	No	Vol				
1	B/L	1	0.09	14	4.116	12	8.496	9	12.024	4	8.708	2	5.464	2	9	39.902	44		
2	Walnut	0	0	2	0.4	0	0	2	3	1	2.5	0	0	0	0	5.9	5		
3	Chil	0	0	0	0	0	0	0	0	1	2.47	0	0	0	0	2.47	1		
<b>TOTAL</b>		<b>1</b>	<b>0.09</b>	<b>16</b>	<b>4.516</b>	<b>12</b>	<b>8.496</b>	<b>11</b>	<b>15.024</b>	<b>6</b>	<b>13.678</b>	<b>2</b>	<b>5.464</b>	<b>2</b>	<b>9</b>	<b>48.272</b>	<b>50</b>		


  
**Forest Guard**  
 I/C: Takelach. Beat  
 HP Forest Deptt.

  
 Bo. Takelach

  
**Range Forest Officer**  
 Bahli Forest Range

**Cost of trees which are coming in alignment of Bus Stand at Takech in Rampur Forest Division**

Sr. No.	Name of species	Class										Total			
		V	IV	III	IIA	IIB	IA	IB	IC	ID					
1	Chil	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	Volume	0.089	0.328	0.775	1.478	2.470	3.789	5.466	7.531	10.013					2.470
	Volume in cum	0	0	0	0	2.47	0	0	0	0					
	Rate	41976	41976	41976	41976	41976	41976	41976	41976	41976					
2	Walnut	0	2	0	2	1	0	0	0	0	0	0	0	0	5
	Volume	0.079	0.200	0.800	1.500	2.500	3.800	5.100	7.200	8.900					5.900
	Volume in cum	0	0.4	0	3	2.5	0	0	0	0					
	Rate	61152	61152	61152	61152	61152	61152	61152	61152	61152					
3	OBL	0	24461	0	183456	152880	0	0	0	0	0	0	0	0	360797
	Volume	1	14	12	9	4	2	2	0	0	0	0	0	0	44
	Volume in cum	0.094	0.294	0.708	1.336	2.177	3.232	4.500	5.982	7.678					48.902
	Rate	0.094	4.116	8.496	12.024	8.708	6.464	9	0	0					
Total trees	Amount	1151	50405	104042	147246	106638	79158	110214	0	0	0	0	0	0	598854
	Total trees	1	16	12	11	6	2	2	0	0	0	0	0	0	50
Total Amount		1151	74865	104042	330702	363199	79158	110214	0	0	0	0	0	0	1063331
Tax collected at source @ 2.5%															26583
Education cess @ 4%															1063
G.Total															1090978

  
 Dy. Conservator of Forests,  
 Rampur Forest Division  
 Rampur Forest Station  
 Rampur Buzshahr (H.P.)

3940

**Full Title of the Project: -** Diversion of 0.1666 hac. forest land for construction of Bus Stand at Taklech.

**File No.:-** FP/HP/Others/148102/2021

**Date of Proposal:-** 06/10/2021

**CHECK LIST SERIAL NUMBER-16**

**SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF.**

(For the forest land to be diverted under FCA)

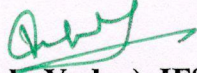
A proposal has been received by this office from **Regional Manager, Himachal Road Transport Corporation Rampur Bushahr, Distt. Shimla H.P.** for diversion under FCA-1980 of **0.1666 ha.** of forest land for non forestry purpose. The project envisages the use of forest land for construction of Bus Stand Taklech. The site inspection of the land involved in the proposal has been done by me on dated **18-04-2023.**

2. On inspection of the site, it is found that the land required by the user agency is a forest area measuring **0.1666 ha.**
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 located in the area.
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. A detailed report as per para 1.9 of Chapter-1, Part-C of Hand book of Forest (Conservation) Act, 1980.

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

Dated:- 18-4-2023

Place:- Rampur Bsr.

  
(Vikalp Yadav), IFS  
Dy. Conservator of Forest,  
Rampur Forest Division,  
Rampur Bushahr.  
Dy. Conservator of Forests  
Rampur Forest Division  
Rampur Bushahr (H.P.)

**Full Title of the Project:** - Diversion of 0.1666 hac. forest land for construction of Bus Stand at Taklech.

**File No.:-** FP/HP/Others/148102/2021

**Date of Proposal:-** 06/10/2021

**CHECK LIST SERIAL NUMBER-17**

**LOCATION MAP**

Location Map of Non-Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of diversion of 0.1666 ha of forest land for Construction of Bus Stand at Taklech within the jurisdiction of Rampur Forest Division.

Forest Division: - Rampur.

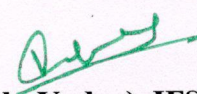
Block No. /Compartment No. /Survey No. 53E/11

Khasra No. 201 Mohal DPF-Punan

Forest Range: - Bahli

D-18 Punan C-III

Area: - 0.3332 ha.



**(Vikalp Yadav), IFS**

Dy. Conservator of Forests,

Rampur Forest Division,

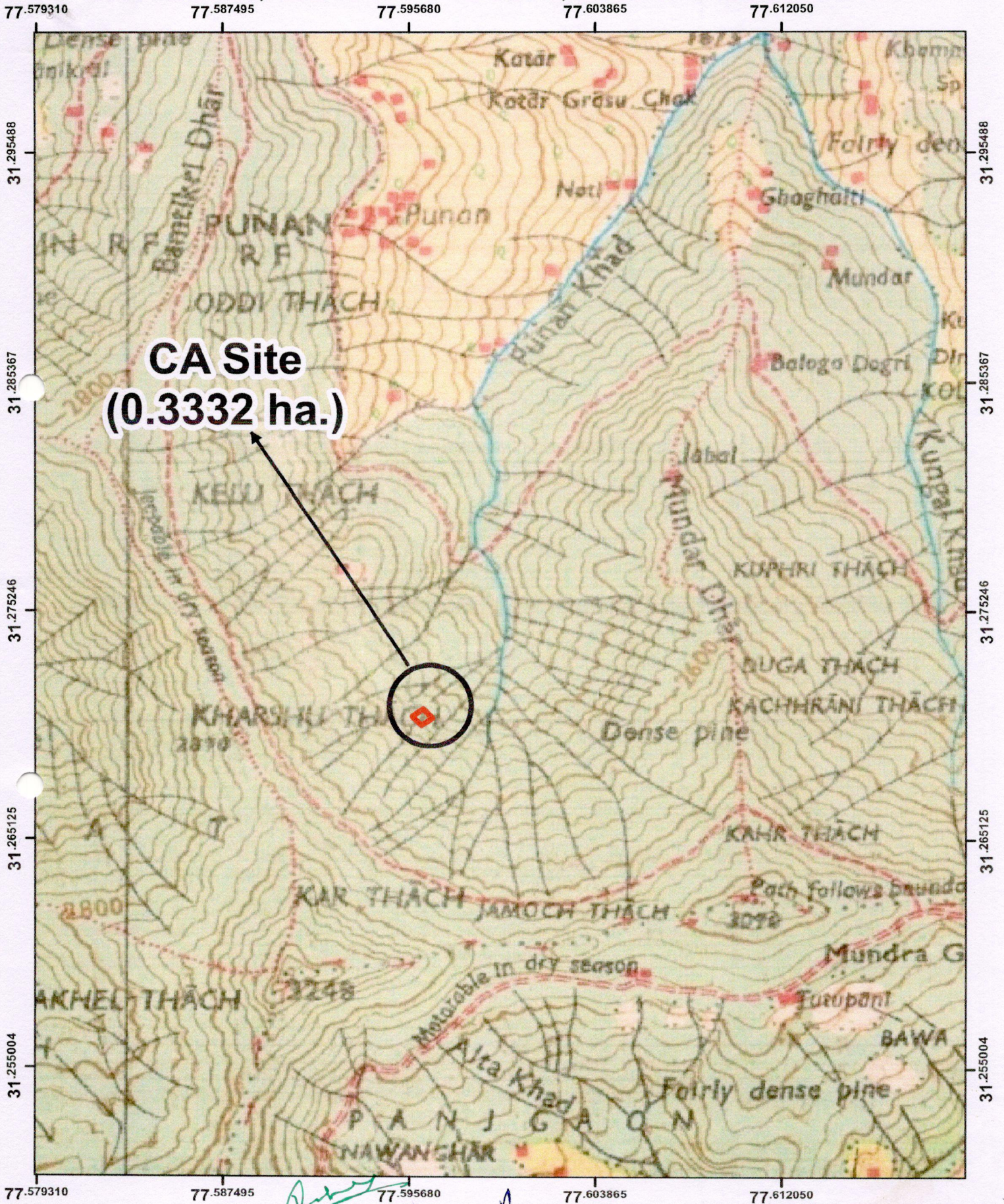
Rampur Bushahr.

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

# TOPO SHEET

42

CA Site 0.3332 ha.) D-18 Punan C-III C/o Bus Stand  
Taklech, Sub-Tehsil Taklech, District Shimla H.P.



**CA Site  
(0.3332 ha.)**

Index

 CA Site

*[Signature]*  
Dy. Conservator of Forests  
Rampur Forest Division  
Rampur Bushahr (H.P.)

*[Signature]*  
Regional Manager  
H.R.T.C. Rampur Bsr

Scale- 1:50000  
Topo Sheet- 53E11

**Full Title of the Project: -** Diversion of 0.1666 hac. forest land for construction of Bus Stand at Taklech.

43

**File No.:-** FP/HP/Others/148102/2021

**Date of Proposal:-** 06/10/2021

**CHECK LIST SERIAL NUMBER-18**  
**SCHEME FOR COMPENSATORY AFFORESTATION.**

Detail scheme for compensatory afforestation to be carried out in lieu of diversion of 0.1666 ha. of forest area for construction of Bus Stand at Taklech 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:- 0.3332 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	0.3332 ha.	128612	42854
1 <sup>st</sup> year maintenance	0.3332 ha.	20610	6868
2 <sup>nd</sup> year maintenance	0.3332 ha.	13776	4590
3 <sup>rd</sup> year maintenance	0.3332 ha.	7053	2350
4 <sup>th</sup> year maintenance	0.3332 ha.	7053	2350
5 <sup>th</sup> year maintenance	0.3332 ha.	7053	2350
6 <sup>th</sup> year maintenance	0.3332 ha.	7053	2350
7 <sup>th</sup> year maintenance	0.3332 ha.	7053	2350
8 <sup>th</sup> year maintenance	0.3332 ha.	7053	2350
9 <sup>th</sup> year maintenance	0.3332 ha.	7053	2350
10 <sup>th</sup> year maintenance	0.3332 ha.	7053	2350
		<b>Total =</b>	<b>73112</b>

Contingency Charges @ 5%	3656
<b>Total cost of CA scheme</b>	<b>76768</b>
Departmental charges @ 17.5%	13434
<b>G. Total =</b>	<b>90202</b>

43

**5. Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- (a) **General Details:-** An area of 0.3332 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: - 18-5-2023**

**Place:- Rampur**

**(Vikalp Yadav), IFS**  
 Dy. Conservator of Forests,  
 Rampur Forest Division,  
 Rampur Bushahr  
 Dy. Conservator of Forests  
 Rampur Forest Division  
 Rampur Bushahr (H.P.)

Full Title of the Project: -  
File No.:-

Division of 0.1666 hac. forest land for construction of Bus Stand at Taklech.  
FP/HP/Others/148102/2021  
06-10-2021

**BILL FOR COMPENSATORY AFFORESTATION SCHEME IN RESPECT OF DIVERSION OF LAND FOR CONSTRUCTION OF BUS STAND AT TAKLECH WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION**

Particulars of works	Year of execution of works	Unit cost at wage structure for 2022-23	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. 27.12/-	Total Amount
Area proposed for Compensatory Afforestation in hac.										
Name of the proposed plantation area										
Number of Plants to be planted per hectare										
Total number of plants to be planted in proposed area										
Conifer & Broad leave species										
Species to be planted in proposed area	2024-25	89800	10%	98780	0.3332	32913	1100	367	9940	42854
Initial cost for raising compensatory Afforestation over an area of 0.3332 hectare										
1 <sup>st</sup> year maintenance	2025-26	10600	20%	11660	0.3332	3885	330	110	2982	6867
2 <sup>nd</sup> year maintenance	2026-27	7100	30%	7810	0.3332	2602	220	73	1988	4590
3 <sup>rd</sup> year maintenance	2027-28	3700	40%	4070	0.3332	1356	110	37	994	2350
4 <sup>th</sup> year maintenance	2028-29	3700	50%	4070	0.3332	1356	110	37	994	2350
5 <sup>th</sup> year maintenance	2029-30	3700	60%	4070	0.3332	1356	110	37	994	2350
6 <sup>th</sup> year maintenance	2030-31	3700	70%	4070	0.3332	1356	110	37	994	2350
7 <sup>th</sup> year maintenance	2031-32	3700	80%	4070	0.3332	1356	110	37	994	2350
8 <sup>th</sup> year maintenance	2032-33	3700	90%	4070	0.3332	1356	110	37	994	2350
9 <sup>th</sup> year maintenance	2033-34	3700	100%	4070	0.3332	1356	110	37	994	2350
10 <sup>th</sup> year maintenance	2034-35	3700	110%	4070	0.3332	1356	110	37	994	2350
Total =										
Contingencies Charges @ 5%										
Total cost of CA Scheme										
Departmental Charges @ 17.5%										
G. Total =										

(Vikalp Yadav), IFS  
Dy. Conservator of Forests,  
Rampur Forest Division  
Rampur Forest Division  
Rampur Forest Division  
Rampur Buehahr (H.P.)

45

**Full Title of the Project:** - Diversion of 0.1666 hac. forest land for construction of Bus Stand at Taklech.

**File No.:-** FP/HP/Others/148102/2021

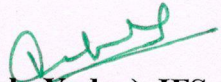
**Date of Proposal:-** 06/10/2021

**CHECK LIST SERIAL NO. 19**

This is to certify that 0.3332 ha land bearing survey sheet No. 53E/11 near village Punan Tehsil Nankhari District Shimla H.P. identified for Compensatory Afforestation is degraded forest land selected for Compensatory Afforestation is in a compact block and contiguous to forest area or in close proximity of forest area and suitable from the management and protection point of view.

**Date:** - 18-5-2023

**Place:-** Rampur

  
(Vikalp Yadav), IFS  
Dy. Conservator of Forests,  
Rampur Forest Division,  
Rampur Bushahr.

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

47

**Full Title of the Project: -** Diversion of 0.1666 hac. forest land for construction of Bus Stand at Taklech.

**File No.:-** FP/HP/Others/148102/2021

**Date of Proposal:-** 06/10/2021

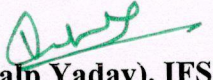
**CHECK LIST SERIAL NO. 20**

**LAND SUITABILITY CERTIFICATE BY DFO CONCERNED**

This is to certify that 0.3332 ha land in D-18 Punan C-III khasra No. 201 Mohal DPF-Punan of Nankhari Range, Tehsil Nankhari, District Shimla, identified for Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

**Date: - 18-5-2023**

**Place:- Rampur**

  
**(Vikalp Yadav), IFS**  
Dy. Conservator of Forests,  
Rampur Forest Division,  
Rampur Bushahr.

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

Office Seal

48

**BILL FOR NPV**


**Full Title of the Project:-** Diversion of 0.1666 hac. forest land for construction of Bus Stand at Taklech.

**File No.:-** FP/HP/Others/148102/2021

**Date of Proposal:-** 06/10/2021

**CALCULATION OF NET PRESENT VALUE OF FOREST LAND TO BE DIVERTED UNDER FCA FOR CONSTRUCTION OF GHAT PAUCHA RADDU PAI ROAD**

1.	Area being diverted	0.1666 ha.
2.	Total trees in the diverted land	50 Nos
3.	Trees up to 3 <sup>rd</sup> class	19 Nos
4.	Trees above 3 <sup>rd</sup> class	16 Nos
5.	Conversion of up to 3 <sup>rd</sup> class trees into 3 <sup>rd</sup> class trees by taking 2 trees of upto 3 <sup>rd</sup> class as one tree of higher class.	15 trees upto 3 <sup>rd</sup> class = 21 trees above 3 <sup>rd</sup> class
6.	Therefore total trees above 3 <sup>rd</sup> class	36
7.	No. of trees in 1666 sqm.	36 trees
8.	No. of trees per ha.	$36/1666 \times 10000 = 21.6086$ trees
9.	If 400 trees of and above 3 <sup>rd</sup> class per ha then density	100
10.	If 21.608 trees above 3 <sup>rd</sup> class per ha then density	$100/400 \times 21608/1000 = 0.54 \%$
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 0.1666 ha NPV chargeable	$10,69,470/- \times 0.1666 = 1,78,174/-$
	<b>Total</b>	<b>1,78,174/-</b>

  
**(Vikalp Yadav), IFS**  
Dy. Conservator Forests,  
Rampur Forest Division,  
Rampur Bushahr.  
Office Seal  
Rampur Bushahr (H.P.)

JOINT INSPECTION REPORT

3648

Joint inspection report for the construction of Bus Stand at Taklech conducted on 25-03-2017, by the different departments under the Chairmanship of Naib-Tehsildar, Taklech.

In this regard, it is, submitted that the other department officers visited the site Khasra No. 593/1, measuring 00-16-66 Htsr., Siyarla Barshol to the construction of above Bus Stand.

Regional Manager, HRTC, Rampur has requested to sanction above land for the construction of Bus Stand.

It has been decided that there is no objection from different Departments.

The Joint Inspection committee therefore recommends that the land in Chak Siyarla Barshol of Govt. /forest land is to be diverted under forest Conservation Act, 1980 for construction of "Bus Stand Taklech".

*[Signature]*  
Executive Engineer,  
(B.R) HP. PWD Division  
Rampur Bushahr

*[Signature]*  
Executive Engineer,  
I&PH Division,  
Rampur Bushahr

*[Signature]*  
Incharge  
HRTC, Rampur.

*[Signature]*  
Divisional Forest Officer,  
Rampur Forest Division,  
Rampur Forest Division H.P.  
Range Forest Officer  
Bahli Forest Range  
BAHLI

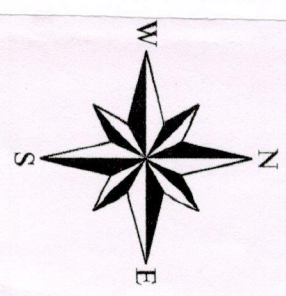
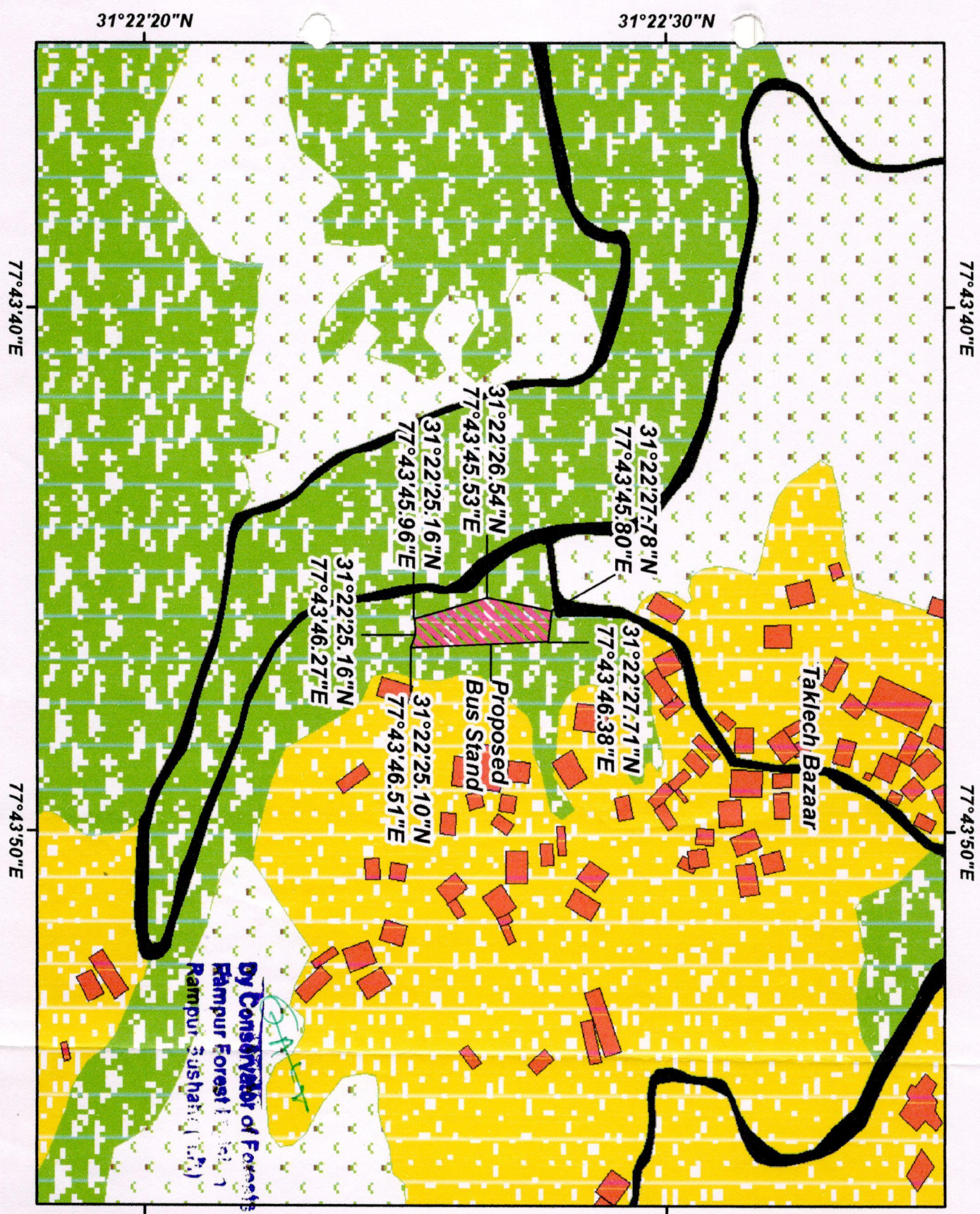
*[Signature]*  
Executive Engineer,  
(Elect) Division,  
Rampur Bushahr

*[Signature]*  
Naib-Tehsildar,  
Taklech








*[Signature]*  
Sub-Divisional Officer (Civil)  
Rampur Bushahr (H.P.)

# Digital Landuse Map for C/o Bus Stand Taklech, Sub-Tehsil Taklech, District Shimla HP

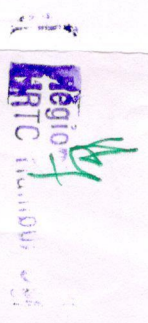
4950



## Legend

-  Proposed Site
-  Builtup
-  Forest Land
-  Open Land
-  Open Shrub Land
-  Private Land
-  Road

By Conservator of Forests  
Rampur Forest Division  
Rampur, Sushahr (HP)



# DIGITAL LAND USE MAP

CA Site(0.3332 ha.) D-18 Punan C-III C/o Bus Stand Taklech, Sub-Tehsil Taklech, District Shimla H.P.

77.593185

77.594852

77.596519

77.598186

77.599853

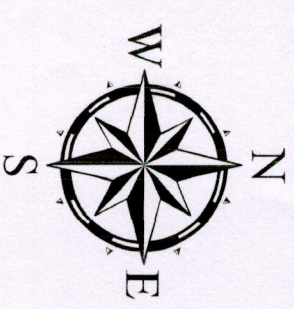
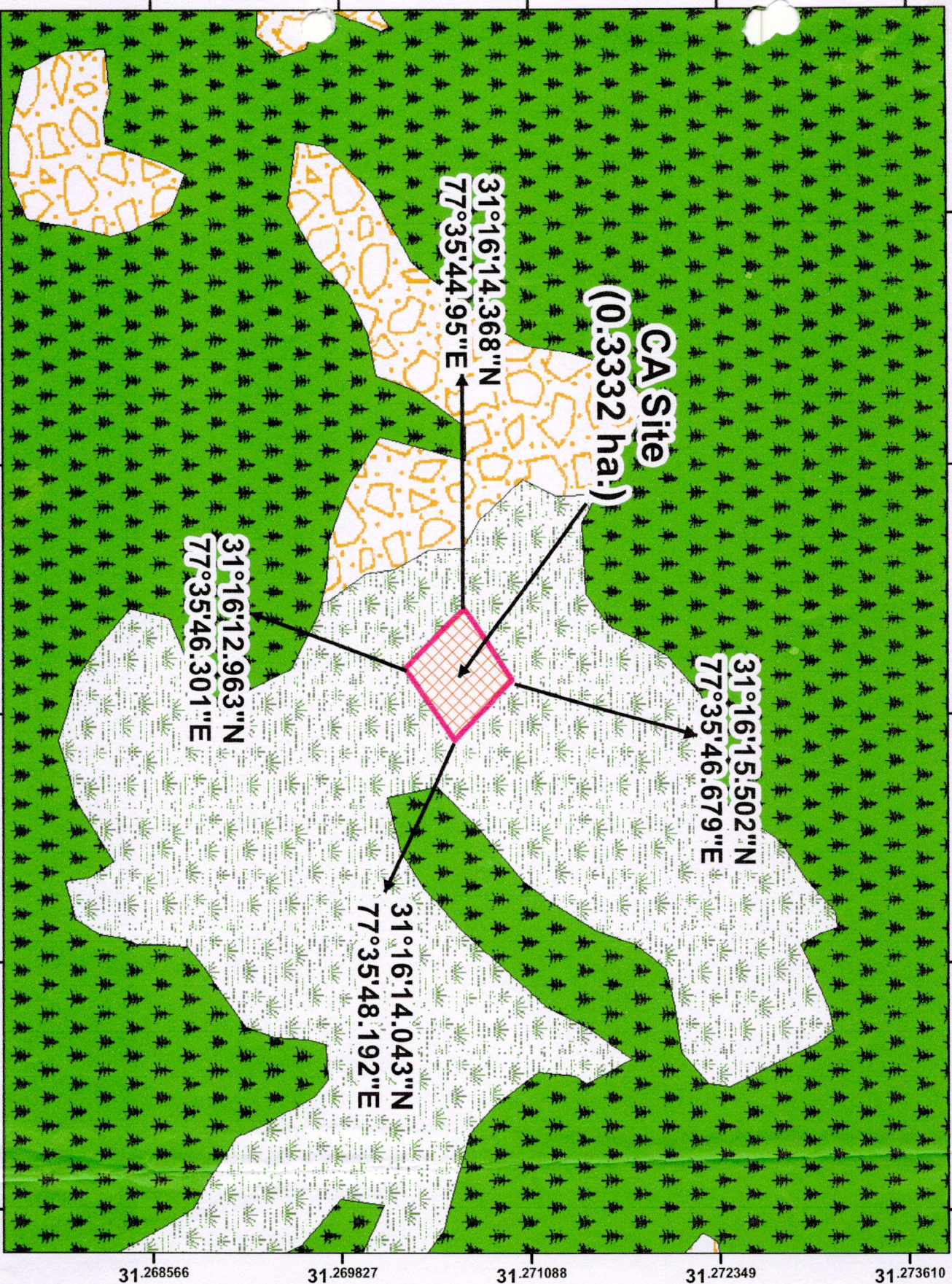
77.593185

77.594852







77.596519

77.598186

77.599853



## Legend

-  Existing Road
-  CA Site
-  Private Land
-  Open Land
-  Shrub
-  Forest Land

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

*(Signature)*

Regional Manager  
H.R.T.C. Rampur Bsh