


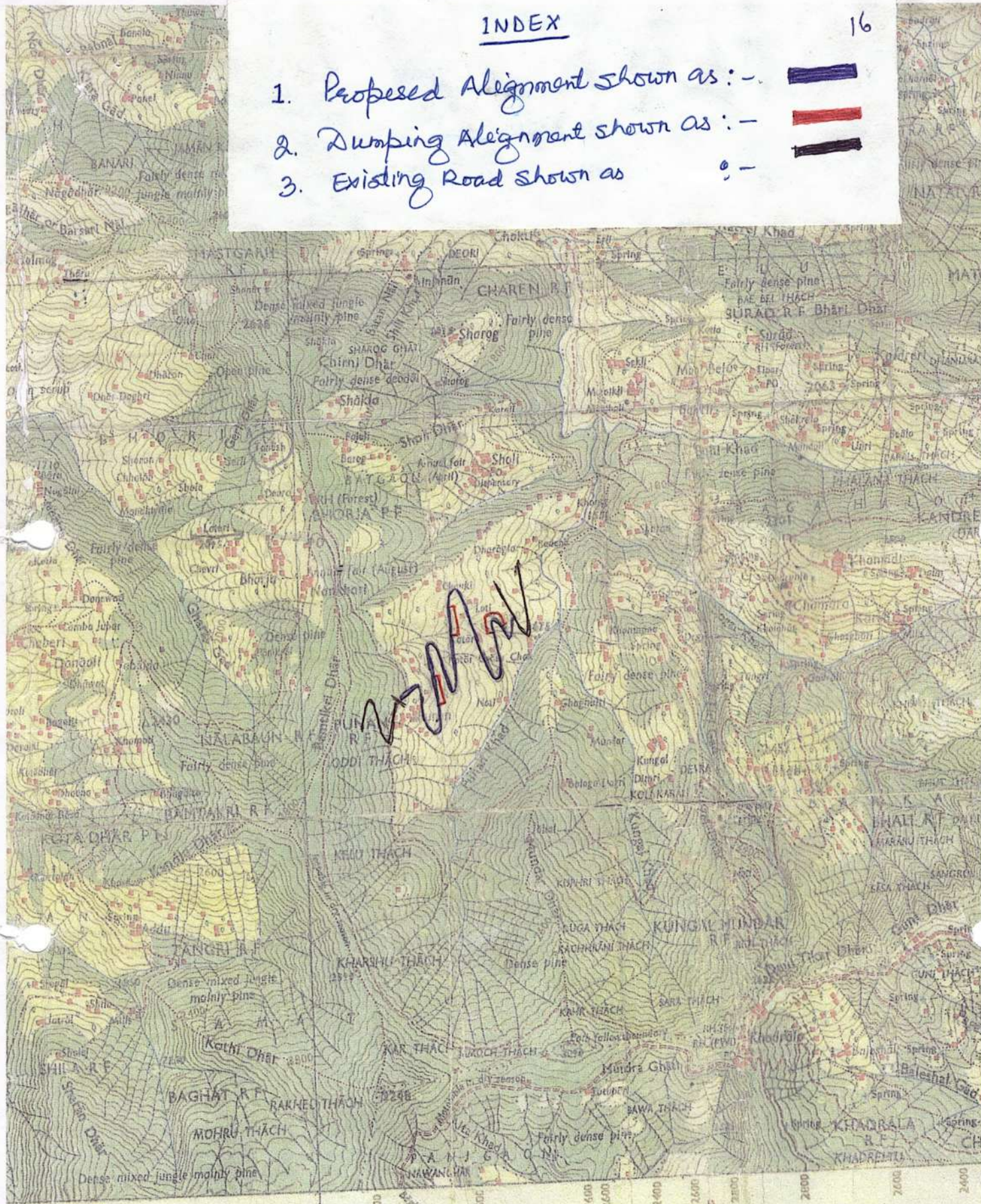


- 1. Proposed Alignment shown as :- 
- 2. Dumping Alignment shown as :- 
- 3. Existing Road shown as  :-



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

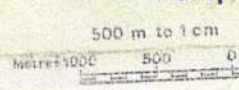
Dr. Harl Narain, M.Sc. D.Phil., Ph.D., Surveyor General of India,  
 1973.

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*[Signature]*  
 Executive Engineer  
 Rampur B&R Division  
 H.P.W.D., Rampur B&R

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53 E 7	53 E 11	53 E 15
53 E 8	53 E 12	53 E 16

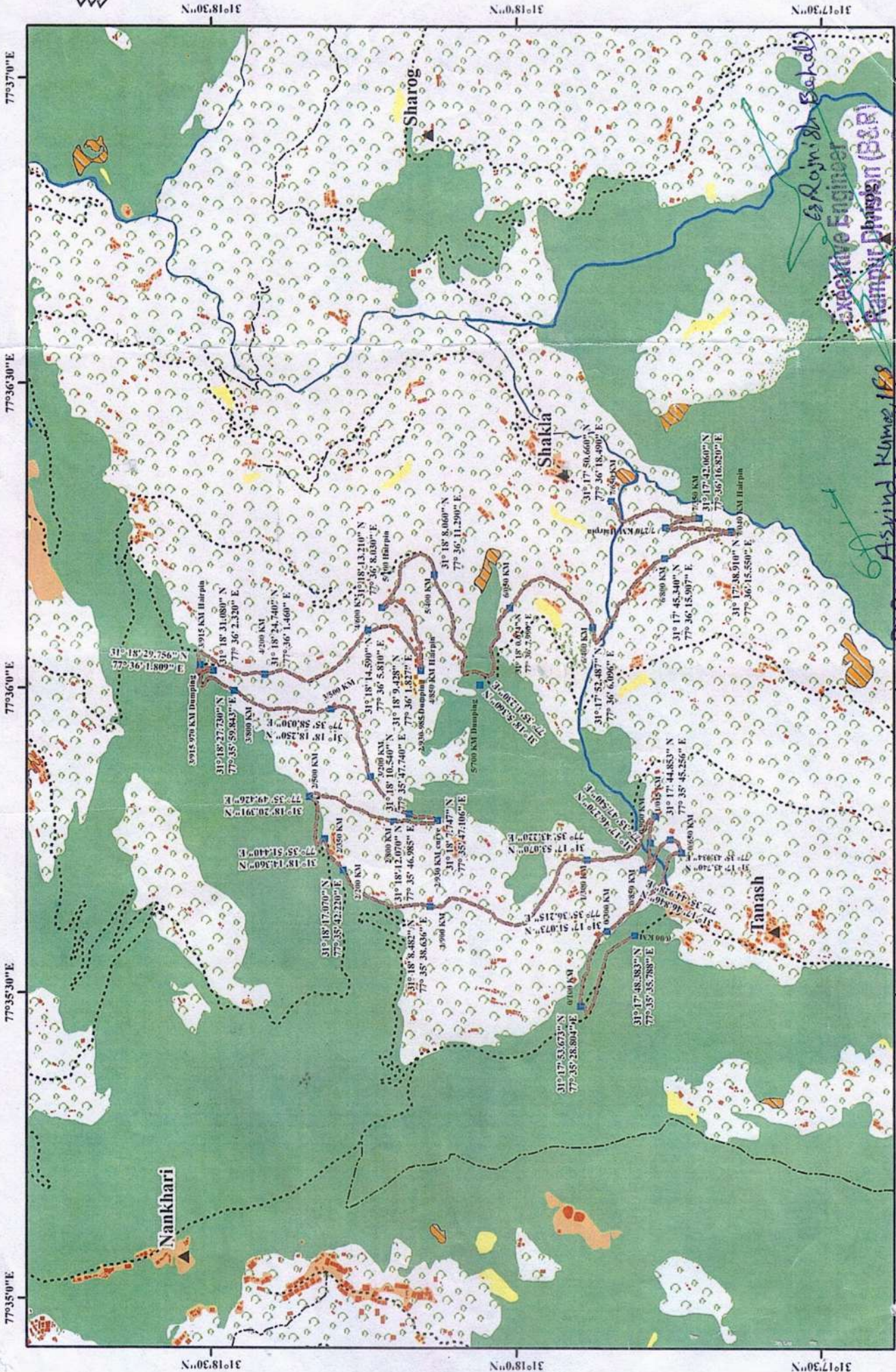


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HEIGHTS & CONTOURS IN METRES



DIGITAL MAP OF PROPOSED GADASU LAHOTI KHORI PUNAN ROAD KM 0 TO 6/478 KM, RAMPUR, SHIMLA (H.P.)



70 8

Legend

- Agriculture
- Grassland
- Plantation
- Wasteland
- Unmetalled Road

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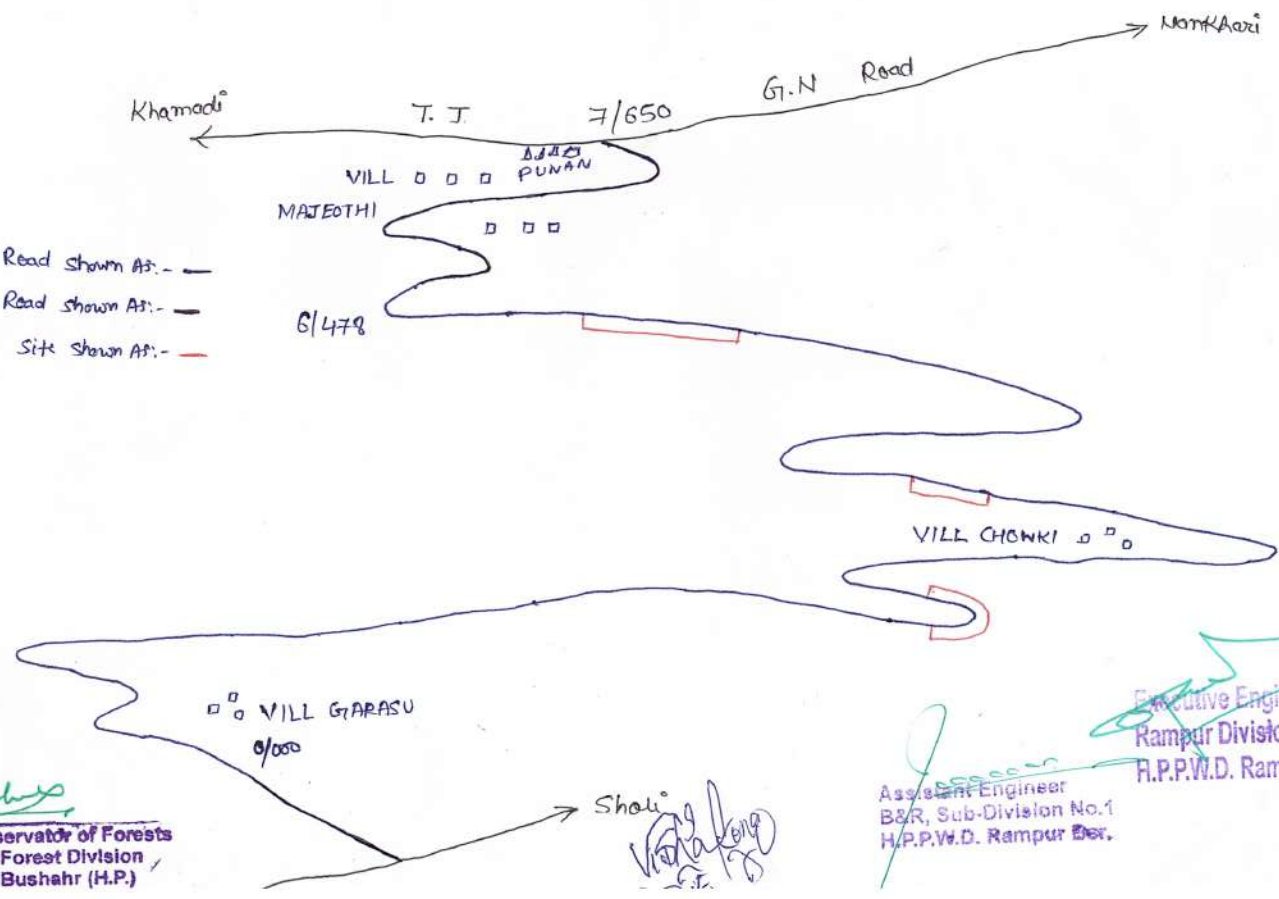
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Name of Work:- ALIGNMENT PLAN OF GADASU-LOHTI-CHOWKI-PUNAN ROAD KM 0/000 to 6/479



- 1) Proposed Road shown as: —
- 2) Existing Road shown as: - - -
- 3) Dumping Site shown as: —

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

Shah  
*[Signature]*

*[Signature]*  
 Executive Engineer  
 Rampur Division (B)  
 H.P.P.W.D. Rampur Bsr.  
 Assistant Engineer  
 B&R, Sub-Division No.1  
 H.P.P.W.D. Rampur Bsr.

Full title of the project:- **C/o Gadasu Lahoti Punan road.**  
 File No.:- **FP/HP/ROAD/153148/2022**  
 Date of proposal:- **27/6/2022**

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

Detail scheme for penal compensatory afforestation to be carried out in lieu of diversion of 1.9683 ha. of forest area for construction of Gadasu Lahoti Punan Road 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-4  
 Area to be afforested: 1.6040 ha. Khasra No. 201 Mohal DPF-Punan.

**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 nursery cost	Total amount
0 year	1.6040 ha	108398	173871
1 <sup>st</sup> year maintenance	1.6040 ha	16180	25952
2 <sup>nd</sup> year maintenance	1.6040 ha	10819	17354
3 <sup>rd</sup> year maintenance	1.6040 ha	5560	8918
4 <sup>th</sup> year maintenance	1.6040 ha	5560	8918
5 <sup>th</sup> year maintenance	1.6040 ha	5560	8918

6 <sup>th</sup> year maintenance	1.6040 ha	5560	8918
7 <sup>th</sup> year maintenance	1.6040 ha	5560	8918
8 <sup>th</sup> year maintenance	1.6040 ha	5560	8918
9 <sup>th</sup> year maintenance	1.6040 ha	5560	8918
10 <sup>th</sup> year maintenance	1.6040 ha	5560	8918
		<b>Total =</b>	<b>288521</b>
Contingency Charges @ 5%			14426
<b>Total cost of CA scheme</b>			<b>302947</b>
Departmental charges @ 17.5%			53016
<b>G. Total =</b>			<b>355963</b>

5. **Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 1.6040 ha. will be taken up for planting under penal compensatory afforestation scheme in D-18 (Punan) C-4 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 Punan road.
- (h) Any other information:- Nil.

Dated:- 20-8-2022.

Place:- Rampur.

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



Full Title of the Project: -

Diversion of 1.9683 hac. forest land for construction of Gadasu Lahoti Punan road.

File No.:-

FP/HP/ROAD/153148/2022

Date of Proposal: -

27-06-2022

**SCHEME FOR PENAL COMPENSATORY AFFORESTATION SCHEME OVER 1.9683 HACT. AREA OF FOREST LAND IN LIEU OF DIVERSION OF 1.6040 HACT. FOREST LAND FOR CONSTRUCTION OF GADASU LAHOTI PUNAN ROAD WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION.**

Area proposed for Penal Compensatory Afforestation in hac.						1.6040 hac.
Name of the proposed plantation area						D-18 (Punan) C-4
Number of Plants to be planted per hectare						1100
Total number of plants to be planted in proposed area						1764
Species to be planted in proposed area						
Particulars of works	Year of execution of works	Unit cost at wage structure for 2022-23	Total	No. of plants	Cost of plants @ Rs. 27.12/-	Total Amount
Initial cost for raising penal compensatory Afforestation over an area of 1.6040 hectare	2023-24	89800	144039	1100	29832	173871
1 <sup>st</sup> year maintenance	2024-25	10600	17002	330	8950	25952
2 <sup>nd</sup> year maintenance	2025-26	7100	11388	220	5966	17354
3 <sup>rd</sup> year maintenance	2026-27	3700	5935	110	2983	8918
4 <sup>th</sup> year maintenance	2027-28	3700	5935	110	2983	8918
5 <sup>th</sup> year maintenance	2028-29	3700	5935	110	2983	8918
6 <sup>th</sup> year maintenance	2029-30	3700	5935	110	2983	8918
7 <sup>th</sup> year maintenance	2030-31	3700	5935	110	2983	8918
8 <sup>th</sup> year maintenance	2031-32	3700	5935	110	2983	8918
9 <sup>th</sup> year maintenance	2032-33	3700	5935	110	2983	8918
10 <sup>th</sup> year maintenance	2033-34	3700	5935	110	2983	8918
<b>Total =</b>						<b>288521</b>
Contingencies Charges @ 5%						14426
<b>Total cost of CA Scheme</b>						<b>302947</b>
Departmental Charges @ 17.5%						53016
<b>G. Total =</b>						<b>355963</b>

  
(Vikalp Yadav), IFS

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

CS   
Chief Conservator of Forests (T)  
Rampur Forest Circle, Rampur. H.P.