No. FCA/ 60 90

HP Forest Department.

Dated Nahan, the 07/03/2018

From:

DFO Nahan.

To: CF Nahan.

Subject:-

Diversion of 2.355 ha of forest land for Construction of link road from Gulriya Dhang to Nero Kotri KM. 0/0 To 4/935 within the Jurisdiction of Nahan Forest Division, Nahan, Tehsil, Nahan, Distt. Sirmour H.P.

Memo:

Reference: MoEF & CC, Shimla office letter No. FC/HPB/80/2023 dated 29.11.2023 observation raised by Integrated Regional Office Shimla on the subject cited above.

Memo,

In this regard vide above referred letter the point wise reply of observations is

given as under:-

Sl.No.	Observations	Reply	
1.	State Govt may provide the copy of administrative and financially approval of the extant proposal duly authenticated by competent authority.	It is intimated by the UA the copy of administrative and financially approval of the extant proposal duly authenticated by competent authority has been uploaded in additional information at <b>Sr. No. 19</b> . of Part 1.	
2.	Upon perusal of KML found that, the proposed road is adjacent to the existing road and all the beneficiary village/houses are already connected to the road and the proposed road and alternate alignment mark is not relevant to each other. Therefore, State govt is required to submit proper KML file with alternate examined and mark all the desired components as mentioned in the component wise breakup B.2.4 in distinct colours (Forest, Non forest land, Dumping sites etc.). Also, bridge component is not mentioned in component wise breakup nor marked in the KML. Therefore, state Govt shall add the Bridge component in the B-2.4 and KML.	It is intimated by the UA all the components of the proposed project have been marked as Polygon with alternate examined and same has been uploaded in Part 1 of the Parivesh Portal.Correction has been made in the KML file and same has been uploaded in Part 1 (as mentioned in B-2.4 in polygon feature) of the Parivesh Portal.  Bridge component is also mentioned in component wise breakup in the B-2.4 and same has been marked in the KML.  Revised Topo sheet has been uploaded in additional information at <b>Sr. No. 20</b> of Part 1 & Revised Digital Map has been uploaded in additional information at <b>Sr. No. 21</b> of Part 1.	
3.	State Govt shall provide the detailed & legible copy of layout plan with all the desired component RD wise in legend in	It is intimated by the UA detailed & legible copy of layout plan with all the desired component RD wise in legend in distinct colourshas been uploaded in additional information at <b>Sr. No. 22.</b> of Part 1.	

Sl.No.	Observations	Reply		
	distinct colours.			
4.	State Govt is required to mention all the dumping site separately in the component wise breakup. State Govt may explore suitable non-forest land/private land for disposal of muck. Also, provide the separate list of trees standing in muck dumping site, if muck dumping proposed in the forest land.	It is intimated by the UA all the dumping sign mentioned separately in the component will breakupB-2.4 of Parivesh Portal. Four dumping sites have been proposed for the construction road. Only one dumping site in the forest area taken so that there will be no adverse impact on the nearby surroundings during generation and disposed for the muck and three dumping sites has been proposed in the Non-Forest Land. Moreover, as prequirement of the project, Muck dumping site he been identified in an over an area 0.18 hat fore land and found suitable for temporarily disposal muck. The temporarily muck dumping site will handed over back to the State Forest Department after completion of construction activities. Most the area is Forest Land and some of the Private land available in locating muck dumping site in Private land / Non-Forest landing nearby area has been examined explored in Forest area and after careful examine the possibility of muck dumping site, it we found that no Private land / Non-Forest land available in nearby area which is suitable for disposal of muck. The area available in Private land / Non-Forest land is very far distance from project area and steep sloppy which is not possible to fulfithe requirement of dumping site.  Enumeration list of trees & separate enumeration list of trees in dumping site has been attached and seep sloppy site.		
5.	State Govt is required to submit the Reclamation plan of the proposed dumping site.	same has been uploaded in web portal in additional information at serial of <b>Part -11</b> .  Reclamation plan has been prepared for proper /protection measures/ engineering structure to stop the rolling down of muck in river/Agriculture field and same has been uploaded in additional information at <b>Sr. No. 23 of Part 1</b> .		
6.	Upon the perusal of KML and Top sheet of proposed CA site, it is found that CA site is proposed in the river bed, however in the Incessant heavy monsoon rain/flash floods may cause destruction to the plantation. DFO concerned may comment in this regard also provide the protection measure/engineering work for the protection of proposed CA site. Also. It is found that there is existing road/path in the proposed CA area. Therefore, State Govt may clarify the status of road and how	The CA site, CA Scheme and Land Suitability certificate has been revised and same has been uploaded i.e KML file, DGP Map as well as Toposheet in web portal at Sr. No. 13(i,ii,iii,iv &v) of part –II and same has been uploaded in additional information in web portal of Part-II		

Sl.No.	Observations	Reply	
	the protection measures/fencing etc. of plantation shall be taken care of and same shall be reflected in the proposed CA scheme, accordingly revise the proposed CA scheme.		
7.	Large number no. of ecologically important trees (205 no.) are proposed for felling. Therefore, possibility of reducing the numbers of trees to be affected may be explored or rationalization to be done in the layout of the proposal to reduce green felling. Further, a list of trees which are required to be felled and retained may be provided.	enumeration list of trees in dumping site has been attached and same has been uploaded in web portal in additional information at serial of <b>Part -11</b> .	
8.	NoC from the competent authority of Jal Shakti/ Fishery needs to be submitted.	It is intimated by the UA NoC from the competent authority of Jal Shakti/ Fishery has been obtained and same has been uploaded in additional information at Sr. No. 24 of Part 1.	

This is for information and further necessary action please.

Divisional Forest Officer, Nahan Forest Division.

#### HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

No. PW/NHN/CB/WA-1/FCA-15/2024-25-

Dated: 06/12/24

To

The Divisional Forest Officer, Nahan, District Sirmaur (H.P.).

Subject:

Diversion of 2.355 ha of forest land in favour of HPPWD for the construction of link road from Gulriya Dhang to Nero Kotri (km. 0/0 to 4/935), within the jurisdiction of

Nahan Forest Division, District Sirmaur, H.P.

Online proposal no:- FP/HP/ROAD/140966/2021

Reference:

MoEF&CC, Shimla office letter No. FC/HPB/80/2023 dated

29.11.2023.

Sir.

This is with reference to your office letter quoted under reference on the above subject cited matter. In this regard, your kind attention is invited on the points, which is as under:-

Sl. No.	Observations	Reply	
1.	State Govt may provide the copy of	The copy of administrative and	
1.	administrative and financially	financially approval of the extant	
	approval of the extant proposal duly	proposal duly authenticated by	
	authenticated by competent	competent authority has been uploaded	
		in additional information at Sr. No. 19.	
	authority.  Upon perusal of KML found that, the	All the components of the proposed	
2.	proposed road is adjacent to the	project have been marked as Polygon	
		with alternate examined and same has	
	existing road and all the beneficiary village/houses are already	been uploaded in Part 1 of the Parivesh	
- Charles		Portal. Correction has been made in the	
		KML file and same has been uploaded in	
	proposed road and alternate	Part 1 (as mentioned in B-2.4 in polygon	
	alignment mark is not relevant to	그 경우 그 아이들은 그는 그는 그는 그들은 그리고 그리고 있다. 그리고	
Total Control	each other. Therefore, State govt is	feature) of the Parivesh Portal.	
	required to submit proper KML file	Bridge component is also mentioned in	
	with alternate examined and mark	component wise breakup in the B-2.4 and	
	all the desired components as	same has been marked in the KML.	
	mentioned in the component wise	Revised Topo sheet has been uploaded in	
and Andrews	breakup B.2.4 in distinct colours	additional information at Sr. No. 20 o	
	(Forest, Non forest land, Dumping	Part 1 & revised Digital Map has been	
	sites etc.). Also, bridge component	uploaded in additional information at Sr	
	is not mentioned in component	No. 21 of Part 1.	
	wise breakup nor marked in the		

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construction activities. Most of the area is Forest Land and some of the Private land available in locating muck dumping site in Private land / Non-Forest landing nearby area has been examined explored in Forest area and after carefully examine the possibility of muck dumping site, it was found that no Private land / Non-

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Observations		and the second s	
Sl. No.	. Loto Covt Shan w		
	the Bridge composition		
	and KML		
. •			
3.	State Govt shall provide the detailed	Detailed & legible copy of layout plan with all the desired component RD wis	
٥.	& legible copy of layout plan with all	1 - and in distinct colours has been	
	the desired component RD wise in legend in distinct colours.	uploaded in additional information at Si	
4.	State Govt is required to mention all the dumping site separately in the	All the dumping site mentioned separately in the component wis	
	component wise breakup. State		
	Govt may explore suitable non- forest land/private land for disposal	Four dumping sites have been propose for the construction of road. Only on	
	of muck. Also, provide the separate	that there will be no adverse impact of	
	list of trees standing in muck dumping site, if muck dumping	generation and dispose of the muck an	
	proposed in the forest land.	three dumping sites has been proposed the Non-Forest Land. Moreover, as p	
		requirement of the project, Mucdumping site has been identified in a	
	하는 보고 있는 것이 있다. 생활 1980년 1일 전 1일	over an area 0.18 ha. forest land ar found suitable for temporarily disposal	
		muck. The temporarily muck dumping site will be handed over back to the Sta	
		Forest Department after completion	

		Reply
Sl. No.	Observations	il-blo in nearby area
		Forest land is available in House which is suitable for disposal of muck.
		which is suitable for disposal.  The area available in Private land / Non- The area available in grant far distance from
		Forest land is very far distance from Forest land is very sloppy which is
		Forest land is very far discussions which is project area and steep sloppy which is project area and steep sloppy which is
		not possible to fulfill the require
		dumping site.
		Enumeration list of trees involved in the
		dumping sites will be provided by forest
		1 wtm ont
5.	State Govt is required to submit the	Reclamation plan has been prepared for
٥.	Reclamation plan of the proposed	proper /protection
	dumping site.	measures/engineering structure to stop
	dumping site.	the rolling down of muck in
		river/Agriculture field and same has been
		uploaded in additional information at <b>Sr.</b>
		No. 23 of Part 1.
	II I and	To be pertain by forest department.
6.	Upon the perusal of KML and	To be pertum by 202000 1
	Toposheet of proposed CA site, it is	
	found that CA site is proposed in the	
	river bed, however in the Incessant	
•	heavy monsoon rain/flash floods	
	may cause destruction to the	
	planation. DFO concerned may	
	comment in this regard also provide	
	the protection	
	measure/engineering work for the	
	protection of proposed CA site. Also.	
	It is found that there is existing	
	road/path in the proposed CA area.	
•	Therefore, State Govt may clarify	
	theg status of road and how the	■ 1. 1 1. 10
	protection measures/fensing etc. of	그는 그들은 얼마나 하는 것이 되었다. 그 아들이 나는 아들은 사람들이 되었다면 하는 생각을 생각하셨다.
	plantation shall be taken care of and	
	same shall be reflected in the	
	proposed CA scheme, accordingly	
	revise the proposed CA scheme.	
7.	Large number no. of ecologically	To be pertain by forest department.
	important trees (205 no.) are	
	proposed for felling. Therefore,	
	possibility of reducing the numbers	
	of trees to be affected may be	
	explored or rationalization to be	

		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Sl. No.	Observations	Reply Sign
	done in the layout of the proposal to reduce green felling. Further, a list of trees which are required to be felled and retained may be provided.	7.32
8.	NoC from the competent authority of Jal Shakti/ Fishery needs to be submitted.	NoC from the competent authority of Jal Shakti/ Fishery has been obtained and same has been uploaded in additional information at <b>Sr. No. 24 of Part 1</b> .

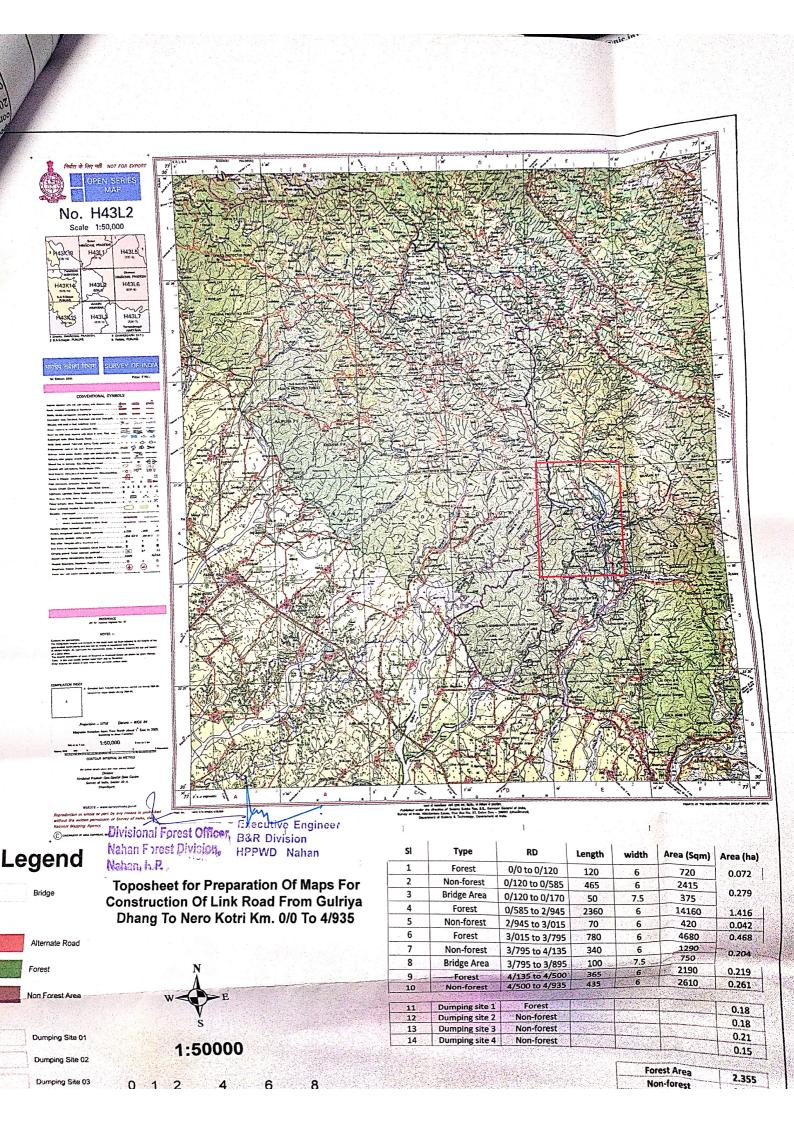
You are requested to kindly scrutinize the documents for further process.

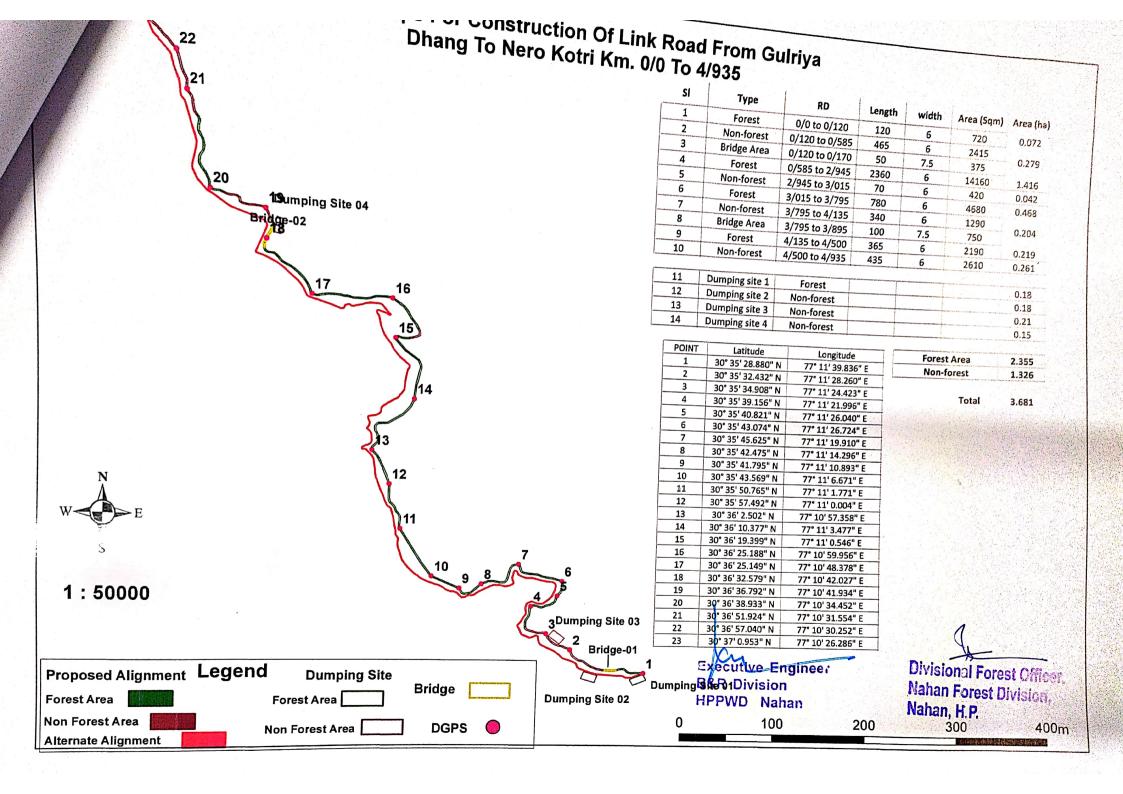
Executive Engineer

B & R Division

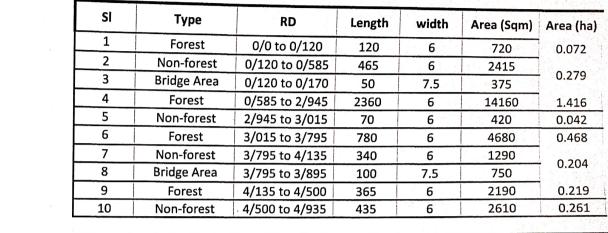
HPPWD Nahan

	र्भा विमाण-गहरा, पूज तथा भवन	अनुवानित व्यय	स्वीवृत बजट
11/	भागे का भाग		शिमला क्रीन
07-32	7-02] 82 पृत्रविज्ञ निर्माण गऊचार से घुचलो', याता नदी से उत्पर, ग्राम पंजायन रामपुर भारापुर (लीक निर्माण विभाग नाहन मण्डल)		25900
022-307-32			25000
2022-307-328	श्व निर्माण मी.डी. मेटलिंग व टारिंग महित कांशीबाला से जाबल का बाग होते हुए बिजीरा फैक्ट्री तक महक का निर्माण कार्य (लोक निर्माण विभाग नाहन मण्डल)		25000
2022-307-327	9 C/o Link Jadana to Kuna-4 KM.		1000
2022-307-327	महक निर्माण सी.डी. एव पुल सहित गाव मातर, गाव सम्भालका, गाव अगडीवाला व गाव ढाकडावाला के लिए सहक निर्माण (लोक निर्माण विभाग नाहन मण्डल)		25000
2022-307-3276	C/o Link Road timba to demaina-1 KM.	> `	1000
2022-307-3275	भूड मुख्य मार्ग से रुण नदी पर पुल का निर्माण करते हुए <u>साब नेरो एवं कोटडी के लिए सहक्ष का निर्मा</u> ण		25000
	(लोक निर्भाण विभाग गाहन मण्डल)	De a	25000
2022-307-3274	सड़क निर्माण सी.डी. महित बजारी पुल से रामपुर केम्बडा वाया बाडीवाला व मझाडा पुल से रामपुर केम्बडा (लोक निर्माण मण्डल नाहन)		25000
2022-307-3273	C/o Link Road Badol to Thandiya-10 KM.		1000
2022-307-3271	C/o link road from Salwala to vilalge Dhamon in GP Poka.	$\cdot$	25000
2022-307-3270	C/o Link Road Badol to Jarwa-7.00 KM		1000
2022-307-3269	C/o link road to Village Sanga in GP, Kando Cheog.		25000
2022-307-3267	माननीय विधायक पछाद से स्कीम प्राप्त होने पर शामिल की जायेगी	0	25000
2022-307-3266	C/o Link Road dhar kenchi to Gueudhy-1.5 KM		1000
2022-307-3265	माननीय विधायक पछाद से स्कीम प्राप्त होने पर शामिल की जायेगी		25000
2022-307-3136	संपर्क सहक भटेवडी से भोग का निर्माण		1000
2022-307-3135	संपर्क सहक पराडा वघाडा का निर्माण		1000
2022-307-2982	C/o link road from Powor to Mujag.		1000
2022-307-2980	C/o link road from Thod to Ser,		1000
2022-307-2979	C/o link road from Plau to Grau.		1000
2022-307-2978 2022-307-2977	C/o link road from Chariya to Kotti.		1000
	C/o link road from Sheel moad to dayni khilag to bhawai.		1000
022-307-2976	C/o link road from Akhrot farm to Thonta- Uagali Mandir to Punnerdhar.	Executive Engineer  B&R Division  HFPWD, Nahan	1000





# Layout Maps For Construction Of Link Road From Gulriya Dhang To Nero Kotri Km. 0/0 To 4/935



11	Dumping site 1	Forest	0.18
12	Dumping site 2	Non-forest	0.18
13	Dumping site 3	Non-forest	0.21
14	Dumping site 4	Non-forest	0.15

Forest Area	2.3	55
Non-forest	1.3	326

Total 3.681



1:50000

Dumping Site 03

Bridge-01

Executive Engineer B&R Division

100

HPPWD Nahan

Dumping Site 01

**Dumping Site 02** 

Divisional Forest Officer, Nahan Forest Division, Nahan, h.P.

wanan, n r

0 .

200

300

400m

Proposed Alignment	Legend Dumping Site	Bridge	-
Forest Area	Forest Area	Bridge	CONTRACTOR ACTIONS
Non Forest Area  Alternate Alignment	Non Forest Area		
Alternate Angilinent	LOCALISA MA		

**Dumping Site 04** 

Bridge-02

Title of the Project:- Construction of link road from Gulriya Dhang to Nero Kotri (km. 0/0 to 4/935) within the jurisdiction of Nahan Forest Division, District Sirmaur, H.P. File No. Date of Proposal:-

#### **RECLAMATION PLAN**

The total length of proposed alignment is 4.935 km with average width of 6.00 meter. The portion from km 0/0 to 0/120, 0/585 to 2/945, 3/015 to 3/795, 4/135 to 4/500will be passing through forest land and portion from km 0/120 to 0/585, 2/945 to 3/015, 3/795to 4/135, 4/500 to 4/935 will pass through Non-Forest land. The road will be constructed in cut and fill method. A total quantity of 47850 cum of muck will be generated during the construction of this road. Material required for dumping in behind R/wall etc. which is calculated @10% i.e. 5981 cum. Material required for levelling of proposed road which is calculated @15% i.e. 8972 cum. Material/muck required for levelling/filling of road on the analogy of half cutting and half fittings which is calculated @40% i.e. 23925 cum. Materials/Muck left at site which will require carriage for proper dumping into the recognized sites will be 24795 cum.

The details of dumping site are as under:

## **DETAILS OF DUMPING SITES**

			Area co	ming under dui	nping	Capacity of dumping
Sr.	Name of dumping site	RD/KM	Forest area (in Ha.)	Non-Forest Area (in Ha.)	Total Area (in Ha.)	sites. (in cum)
.0		10.00	0.18		0.18	
1.	Dumping site No. 1	0/00 to 0/060	0.10	0.18	0.18	
2.	Dumping site No. 2	0/200 to 0/260			0.21	24795
	Dumping site	0/350 to 0/410		0.21		1
3.	No. 3  Dumping site	3/800 to 3/860		0.15	0.15	
4.	No. 4	3/000 to 3/000	0.18	0.54	0.72	
	Tot	al :-	0.16		1	

Thus, all the muck generated will be dumped in the designated dumping sites. 4 numbers of dumping sites designated as DS-1, DS-2, DS-3 & DS-4 have been identified for dumping the muck/debris to be produced during the construction phases of the project. It is proposed that the dumping site are treated in such a manner that these do not pose any problem to the environment of the locality. This reclamation plan has been formulated with the following objective.

- To arrest the dumped muck in situ so that it does not find its way to the nearby drainage channels, thus altering the drainage pattern of the area.
- To rehabilitate the dumped area over a period of time so that it merges with the adjoining natural landscape and does not stand out as a sore point.
- To improve the aesthetic view of the dumping grounds/dumping site by planting suitable plants and trees species thereby increasing the vegetable cover in the area.
- To stabilize the dumping sites by vegetative and engineering structure.

Full Title of the Project:- C 0/0 to 4/935) within the justile No.	onstruction of link road from Gulriya Dhang to Nero Kotri (km. risdiction of Nahan Forest Division, District Sirmaur, H.P.
Date of Proposal:	

#### **IMPLEMENTATION**

The proposal will be implemented by the user agency itself at its own cost as detailed in this plan. The implementation, of the plan will be supervised by the forest department from time to time and the progress will be periodically monitored.

#### **STRATEGY**

The pronged approach will be followed for reclamation of the dumping sites. In the first instance crate walls will be erected around the dumping site so that the required capacity for dumping of muck is created at the site The details drawing of the crates works to be undertaken are enclosed. The primary objective of the crate work will be to arrest the dumped muck to the dumping site and not to allow its spillage to the adjoining are eventually to nearby drainage lines. The capacity of the dumping sites has been calculated and given in the above table and will be enough to hold the muck to be dumped in the each of the sites.

In the second phase once the dumping is complete it will be ensured that the dumping site is planted with the grasses, bushes shrubs so that it gives an aesthetic look. This vegetal cover will also help in binding the soil and will prevent its erosion for vegetating the dumping sites suitable local species will be preferred. However, it may be noted that the bulk of the muck to be dumped will be excavated materials which will be lacking in essential nutrients and organic matter and hence it will be desirable to increase the nutrients status of the top soil to be conductive to tree vegetal growth. For this purpose, maturing of the top soil be done if required the imported soil be brought to replenish the top soil. Intently the grasses and bushes will be planted in the area to improve the soil condition. Once these grasses and bushes take hold to the site the trees species will be planed, in the next phase. The Dumping site will be fenced with barbed wire fencing to prevent the entry of the stray cattle thereby ensuring the protection of the plant from grazing. Also due to inert nature of the soil, plant will be needing extra care for their establishment for the purpose imported soil/organic manure will be added in each pit for easy establishment of plants. Watering of the plant in dry session will be provided to prevent mortality. The plantation will be further plant maintained in project cost for ten years when beating up of

The plantation work will be started from the year following the completion of dumping site. However, erection of the crate walls around the dumping sites will be done period to actual

The total cost for reclamation Plan is Rs. 33,90,699 only.

Full Title of the Projectis Gonstruct	Hon of link road from :	Gulriya Dhang to Ne.	ro Kotrl (km.
0/0 to 4/935) within the jurisdicti	on of Nahan Forest Dis	Vision, District Sirma	ur, H.P.
rile No: Date of Proposals			

#### POST RECLAMATION ARRANGEMENTS

Since the area in question is required by the user agency only for the temporary use of dumping. Hence the area will be reverted back to the forest department after implementation the reclamation plan, if so, stipulated by the Govt, of India, However, if at the time of so reverting back the forest department if any activity as per this reclamation plan is found wanting then the forest department may realize the cost of that activity from the user agency at the prevailing wage rates applicable in forest department and may get the same done departmentally at the project cost.

Executive Engineer B & R Division HPPWD Nahan

Countersigned by: «

Divisional Porests Officer Nahan Porest Division Car, Office Real, root Division, Date:

Full Title of the Project:- Con	struction of link road from Gulriya Dhang to Nero Kotri (km sdiction of Nahan Forest Division, District Sirmaur, H.P.
0/0 to 4/935) within the juri	diction of Nahan Forest Division, District Sirmaur, H.P.
Date of Proposal:-	프로이 하는데 보는 이렇게 된 레시스 나라 생각이 없었다.

# COST ESTIMATION OF RECLAMATION OF DUMPING SITE OF LINK ROAD FROM JABBAL KA BAG, KANDIAWALA, KHARKON ROAD (KMS. 0/00 TO 12/255), WITHIN THE JURISDICTION OF NAHAN FOREST DIVISION, DISTRICT SIRMAUR, H.P.

No.	Descriptions	Unit	Qty	Rate	Amount
Α.		Engineer	ing Measures		
1	Wire crate & Retaining walls	As	per detail attache	d	32,75,251
	wans	Piologic	cal Measures		
В				150	4500
1	Cost of Fence post 30	Nos.	30		
2	Carriage of fence post over a distance of km to	Nos.	30	8	240
	work site manually	Non	30	4.77	143
3	Fixing of fence post	Nos.	0.30	5500	1650
4	Cost of Barbed wire	Qtl.	0.30		-
5	Carriage of Barbed wire by vehicle	Qtl	0.30	L/S	4000
6	Carriage of Barbed wire to work site manually over distance of km	Qtl	0.30	L/S	1200
7	Stretching & fixing of barbed wire	Rmt	270	3.16	854
8	Interlacing of thorny bushes in barbed wire	Rmt	270	2.74	740
9	Layout of pits	На.	0.91	68.15	62
10	Digging of pits 60x 60 x 60 cm	Nos.	1690	6.98	11796
11	Filling of pits	Nos.	1690	1.42	2400
12	Cost of plants	Nos.	1690	7	11830
13	Carraige of plants by	Noș.	1690	1.5	2535
14	Carriage of plants manually over a distance of km	Nos.	1690	2	3380
15	Planting of entire plant raised in polybags	Nos.	1690	8.73	14753
16	Planting of shrubs, grasses in interspaces		L/S	L/S	2000

itle of the Project:- Construction of link road from Gulriya Dhang to Nero Kotri (km. to 4/935) within the jurisdiction of Nahan Forest Division, District Sirmaur, H.P.

file No. \_\_\_\_\_ Date of Proposal:- \_

S. No.	Descriptions	Unit	Qty	Rate	Amount
17	Watering of plants during dry season		L/S	L/S	2000
18	Providing imported	Nos.	1690	5	8450
19	Watch and word	Man-days	50	200	10000
В	Total (Rs.)				82533
С	Contingencies 5%				4127
D	Maintenance from 1st to 10 years				28788
	Grand total (A+B+C+D)				33,90,699

**Executive Engineer** B & R Division **HPPWD** Nahan

Countersigned by: -

Divisional Forests Officer Nahan Rorest Division OfficerSeal rest Division,

Date:-Nanan, k.P.

Net Pice may 1. FC nos. 1.

Al Title of the Project:- Construction of link road from Gulriya Dhang to Nero Kotri (km. 0/0 to 4/935) within the jurisdiction of Nahan Forest Division, District Sirmaur, H.P.

File No	
Date of Proposa	:

#### 1st Year Maintenance with 25% Mortality

S.no	Description	Units	Quantity	Rate (Rs.)	Amount
1.	Re-digging of pits 60x 60 x 60 cm	Nos.	423	4.2	1777
2.	Filling of pits	Nos.	423	1.42	601
3	Cost of plants	Nos.	423	7	2961
4.	Carraige of plants by vehicle	Nos.	423	1.5	635
5.	Carriage of plants manually over a distance of km	Nos.	423	2	846
6.	Planting of entire plant	Nos.	423	7.36	3113
7.	Repair of fence	Rmt.	270	0.65	176
8.	Repair of fence plants	Rmt.	30	2.35	71
		Total (Rs.)			10180

#### 2nd Year Maintenance with 20% Mortality

S.no	Description	Units	Quantity	Rate (Rs.)	Amount
1.	Redigging of pits 60x 60 x	Nos.	338	4.2	
	ou cm				1420
2.	Filling of pits	Nos.	338	1.42	480
3	Cost of plants	Nos.	338	7	2366
4.	Carraige of plants by	Nos.	338	1.5	
	vehicle				507
5.	Carriage of plants	Nos.	338	2	
	manually over a distance of km				
	OI KIII				676
6.	Planting of entire plant	Nos.	338	7.36	2488
7.	Repair of fence	Rmt.	270	0.65	
8.	David CC 1		2,0	0.05	176
0.	Repair of fence plants	Rmt.	30	2.35	71
		Total (Rs.)			
					8184

of the Project:- Construction of link road from Gulriya Dhang to Nero Kotri (km. 4/935) within the jurisdiction of Nahan Forest Division, District Sirmaur, H.P.

of Proposal:

### 3rd and 4th Year Maintenance with 15% Mortality

s.no	Description	Units	Quantity	Rate (Rs.)	Amount
1.	Redigging of pits 60x 60 x 60 cm	Nos.	254	4.2	1067
2.	Filling of pits	Nos.	254	1.42	361
3	Cost of plants	Nos.	254	7	1778
4.	Carraige of plants by vehicle	Nos.	254	1.5	381
5.	Carriage of plants manually over a distance of km	Nos.	254	2	508
6.	Planting of entire plant	Nos	254	7.36	1869
7.	Repair of fence	Rmt.	270	0.65	176
8.	Repair of fence plants	Rmt.	30	2.35	71
. otriki		Total (Rs.)			6210

#### 5th to 10th Year Maintenance with 10% Mortality

S.no	Description	Units	Quantity	Rate (Rs.)	Amount
		Nos.	169	4/2	710
1.	Redigging of pits 60x 60 x 60 cm			1.42	240
2.	Filling of pits	Nos.	169	1.44	
	Cost of plants	Nos.	169	7	1183
3	Carraige of plants by vehicle	Nos.	169	1.5	254
4.:		News	169	2	
5.	Carriage of plants manually over a distance of km	Nos.	109	1.5	338
		Nos.	169	7.36	1244
6.	Planting of entire plant	1403			170
7.	Repair of fence	Rmt.	270	0.65	176
	Repair of fence plants	Rmt.	30	2.35	71
8.	Repair of tence plants	1000000			171
	Tot	al (Rs.)		1	4214

Executive Engineer **B&R** Division HPPWD Nahan

Countersigned by: -

Divisional Forests Officer Nation Corest Division Cor, ombenesbrest Division, Wallan, H.P.

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Sr.	Particulars of work	Unit	Qty.	was	Unit at ge rate of s. 150/-	Man	days	Amount at wage rate of Rs. 400/-
Á	Survey, Demarcation & Fencing Cost		1	-	101.00	0.	.67	268.00
1	Survey & demarcation of plantation area	na.	1	+	101.00			27500.00
2	Preparation/purchase of RCC Fence posts wth 18%	No.	50	-	550.00		.00	27500.00
3.	Carriage of KUL Felice posts up to 100	Km/ No.	50	_	33.50	22	2.33	8932.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50		9.06		.02	1208.00 956.00
.5.	Thirting of RCC leffee posts including	No.	50	_	7.16	2	2.39	930.00
	Carriage of Barbed wire over distance 2 Km. upnill /	Km/	0.75		73.65	0	).74	296.00
6	downhill	Qtl.		_	4.00	1.	0.20	7680.00
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	_	4.80	-	9.20	1636.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	_	4.09	-	4.09	63232.00
9	Cost of Barbed Wire with 18% GST	Qtl.	0.75	_	84310.00	1	0.00	25817.00
10	C - C Pleate	No.	110		23.47		0.00	-
10	Total	1 - A (	Surve	y, Do	emarcation	1 & F	encing	137525.00
-						_	or Say	
В	Planting Cost	1	110	0	1192.8	0	7.95	3180.00
1	Bush Cutting in Strips (3mX3m)	ha.	_	_	9.5	-	69.96	27984.00
2	Digging of pits 45x45x45 cm	No.	110	_	2.7	_	19.95	7980.00
3	Filling of pits 45x45x45 cm.	No.	110	)0	2.1	4	19.93	1,700.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/ No.	110		1.9		27.87	6396.00
	dom.	No.	11	00	2.1	8	15.99	
	Planting of entire plant raised in P.bags.	140.	_	_	1000000		= 00	2022 00
5	Planting of entire plant raised in P.bags.	Rmt	-	_	11.0		7.33	2932.00
5	Planting of entire plant raised in P.bags.  Construction of Inspection Path	-	. 10	00	I	S	0	450.00
5	Planting of entire plant raised in P.bags.  Construction of Inspection Path	Rmt	. 10	00		S	0 ng Cos	450.00 (t) 60070.0
5	Planting of entire plant raised in P.bags.  Construction of Inspection Path	Rmt	. 10	00	Ι Γotal - Β (Ι	Slanti	0 ng Cos or Sa	450.00 (t) 60070.00 (ay 6010
5	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing	Rmt No.	. 10	00	I Total - B (I Gran	Slanti	0 ng Cos	450.00 (t) 60070.00 (ay 6010
5	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing	Rmt No.	. 10	00	I Total - B (I Grand g Up):	Plantin	or Sa al (A+I	450.00 at) 60070.00 ay 6010 B) 19770
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing  1st Year Maintenance Co	Rmt No.	) % Be	eatin	I Total - B (I Grand g Up):	Plantin	0 ng Cos or Sa al (A+I	450.00 ay 6010 B) 19770
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing  1st Year Maintenance Co	Rmt No.	) % Be	00 ) ) eatin 30 30	Granding Up): 4.	Plantin	0 ng Cos or Sa al (A+I 10.49 5.98	450.00 ay 6010 B) 19770 4196.0 2392.0
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing  1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Filling of Pits 45 x 45 x 45 cm	Rmt No.	) % Be	eatin	1 Total - B (I Grang Up): 4. 2.	Plantin	0 ng Cos or Sa al (A+I 10.49 5.98 4.80	450.00 ay 6010 B) 19770 4196.0 2392.0 1920.0
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing  1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Filling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags	Rmt No.	b) % Be	00 ) ) eatin 30 30	Granding Up): 4.	Plantin	0 ng Cos or Sa al (A+I 10.49 5.98	450.00 ay 6010 B) 19770 4196.0 2392.0
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Filling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Km	Rmt No.	) % Bo	00 ) ) eatin 30 30 30	1 Fotal - B (I Grand g Up): 4. 2. 2. 2. 1.	S Planting 77 72 18 47 90	0 ng Cos or Sa al (A+1 10.49 5.98 4.80 0.00 8.36	450.00 ay 6010  4196.0 2392.0 1920.0 7745.1
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Filling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill	Rmt No.	) % Be 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3	eatin 30 30 30 30 30	1 Total - B (I Grang Up):  4. 2. 2. 23. 1.	77 72 18 47 90 .80	0 ng Cos or Sa al (A+1  10.49 5.98 4.80 0.00 8.36 0.72	450.00 (at) 60070.00 (ay) 6010 (b) 19770 (c) 2392.0 (c) 7745.1 (c) 3344.0 (c) 288.0
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Filling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Km	Rmt No.  Ost (30  No.  No.  No.  No.  No.  No.  No.  No	) % Be 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3	eatin 30 30 30 30 30	1 Fotal - B (I Grand g Up): 4. 2. 2. 2. 1.	77 72 18 47 90 .80	0 ng Cos or Sa al (A+1  10.49 5.98 4.80 0.00 8.36 0.72	450.00 ay 6010 B) 19770  4196.0 2392.0 1920.0 7745.1 3344.0 288.0 0st 19885.
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing	Rmt No.	) % Bo 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	eatin 330 330 330 330 330 330 330 330 330 33	1 Total - B (I  Grand Gr	77 72 18 47 90 .80	0 ng Cos or Sa al (A+1  10.49 5.98 4.80 0.00 8.36 0.72	450.00 ay 6010 B) 19770  4196.0 2392.0 1920.0 7745.1 3344.0 288.1
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing	Rmt No.	) % Bo 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	eatin 330 330 330 330 330 330 330 330 330 33	1 Total - B (I  Grand g Up):  4. 2. 23. 1. st Year Mo	S   Planting   Planting   S   Planting   S   Planting   Planting   Planting   P	0 ng Cos or Sa al (A+1  10.49 5.98 4.80 0.00 8.36 0.72 ance Co	450.00 ay 6010 ay 6010 39 19770 4196.0 2392.0 1920.0 7745.1 3344.0 288.0 0st 19885.
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing  1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Filling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Km  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co	Rmt No.	10 ( ) % Bo	eatin 330 330 330 330 330 330 330 330 330 33	1 Total - B (I  Grand g Up):  4. 2. 23. 1. st Year Moling Up):	.S   Planting   Planti	0 ng Cos or Sa al (A+1  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S	450.00 ay 6010 ay 6010 39 19770 4196.0 2392.0 1920.0 7745.1 3344.0 288.0 0st 19885. Say 1990
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Pilling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co  2nd Year Maintenance Co	Rmt No.	1. 10 0 % BA 3 3. 33 3. 33 Tot	eatin 330 330 330 330 330 330 330 330 330	1 Total - B (I  Grand g Up):  4. 2. 23. 1. st Year Mo ing Up):  4 2	S   Plantin	0 ng Cos or Sa al (A+1  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99	450.00 ay 6010 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 0st 19885. Say 1990 2800.
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Pilling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co  1 Re-digging of Pits 45 x 45 x 45 cm  2 Filling of Pits 45 x 45 x 45 cm	Rmt No.	1. 10 (( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	eatin 330 330 330 330 330 330 330 330 330 330	1 Total - B (I  Grand g Up):  4. 2. 23. 1. st Year Mo  ing Up):  4 2	S Plantin d Total 18 447 990 880 880 8777 2.77 2.77 2.77 2.77 2.77 2.77 2.77	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20	450.00 ay 6010 ay 6010 39 19770  4196.0 2392.0 1920.0 7745.1 3344.0 288.0 19885. Say 1990 2800. 1596.
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co  Planting of Pits 45 x 45 x 45 cm  Filling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags	Rmt No.	1. 10 (( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	200   200	1 Total - B (I  Grand g Up):  4. 2. 23. 1. st Year Mo  ing Up):  4 2	S   Plantin	0 ng Cos or Sa al (A+1  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99	450.00 ay 6010 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 0st 19885. Say 1990 2800.
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co  1 Re-digging of Pits 45 x 45 x 45 cm  2 Filling of Pits 45 x 45 x 45 cm  2 Filling of Pits 45 x 45 x 45 cm  3 Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn	Rmt No.	1. 10 (( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	eatin 330 330 330 330 330 330 330 2220 2220	1 Total - B (I Grand g Up):  4. 2. 23. 1. st Year Moling Up):  4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	S Plantin d Total 18 447 990 880 880 8777 2.77 2.77 2.77 2.77 2.77 2.77 2.77	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57	450.00 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 19885. Say 1999 2800. 1596. 1280. 5163.
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co  1 Re-digging of Pits 45 x 45 x 45 cm  2 Filling of Pits 45 x 45 x 45 cm  2 Filling of Pits 45 x 45 x 45 cm  3 Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill	Rmt   No.	1. 10 (() 1. 10 () 1.	eatin 30 30 30 30 30 30 30 30 30 30 2220 222	1 Fotal - B (I Grang Up):  4. 2. 23. 1. st Year Moting Up):  4 2. 2. 23. 23. 23. 24. 25. 26.	S   S   S   S   S   S   S   S   S   S	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57	450.00 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 1999 2800. 1596. 1280. 5163 2228
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co  1 Re-digging of Pits 45 x 45 x 45 cm  2 Filling of Pits 45 x 45 x 45 cm  2 Filling of Pits 45 x 45 x 45 cm  3 Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn	Rmt   No.	1. 10 (() 1. 10 () 1.	eatin 30 30 30 30 30 30 30 30 30 30 2220 222	1 Fotal - B (I Grang Up):  4. 2. 23. 1. st Year Moting Up):  4 2. 2. 23. 23. 23. 24. 25. 26.	S   S   S   S   S   S   S   S   S   S	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57	450.00 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 1999 2800. 1596. 1280. 5163 2228 Cost 13355
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path Cost of Sign Board, Carriage & Fixing  Ist Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  In Re-digging of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags  Planting of Pits 45 x 45 x 45 cm Planting of Pits 45 x 45 x 45 cm Planting of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants raised in P/Bags Carriage of Plants in P/Bags over a distance of 2 Kn Planting of Pits 45 x 45 x 45 cm Repair of Plants raised in P/Bags Repair of Plants in P/Bags over a distance of 2 Kn Uphill/ downhill Repair of Fencing	Rmt No.	. 10 (()  0 % Bo . 3 3 . 3 3 . 3 3 . 3 3 . 5 3 . 7 5 .	eatin 330 330 330 330 330 330 34 34 11 34 34 34 34 34 34 34 34 34 34 34 34 34	1 Fotal - B (I Grand g Up):  4. 2. 2. 23. 1. st Year Moding Up):  4 4 2 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	S Plantin d Total 1777   772   18   47   990   80   777   2 72   2 18   3.4. 7   1 90   1 80   (enter	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57 0.72 nance Con	450.00 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 1999 2800. 1596. 1280. 5163 2228
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path Cost of Sign Board, Carriage & Fixing  Ist Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  In Re-digging of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags  Planting of Pits 45 x 45 x 45 cm Planting of Pits 45 x 45 x 45 cm Planting of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants raised in P/Bags Carriage of Plants in P/Bags over a distance of 2 Kn Planting of Pits 45 x 45 x 45 cm Repair of Plants raised in P/Bags Repair of Plants in P/Bags over a distance of 2 Kn Uphill/ downhill Repair of Fencing	Rmt No.	. 10 (()  0 % Bo . 3 3 . 3 3 . 3 3 . 3 3 . 5 3 . 7 5 .	eatin 330 330 330 330 330 330 34 34 11 34 34 34 34 34 34 34 34 34 34 34 34 34	1 Fotal - B (I Grand g Up):  4. 2. 2. 23. 1. st Year Moding Up):  4 4 2 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	S Plantin d Total 1777   772   18   47   990   80   777   2 72   2 18   3.4. 7   1 90   1 80   (enter	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57 0.72 nance Con	450.00 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 1596. 1280. 5163 2228 288 Cost 13355 Say 13
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Pits 45 x 45 x 45 cm  Planting of Pits 45 x 45 x 45 cm  Prilling of Pits 45 x 45 x 45 cm  Prilling of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  planting of Plants raised in P/Bags  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants in P/Bags  Repair of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing	Rmt No.	10   (   (   (   (   (   (   (   (   (	eatin 330 330 330 330 330 330 34 34 11 34 34 34 34 34 34 34 34 34 34 34 34 34	Indicate the second sec	S Plantin d Total 1777   772   18   47   990   80   777   2 72   2 18   3.4. 7   1 90   1 80   (enter	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57 0.72 nance Con	450.00 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 1596. 1280. 5163 2228 288 Cost 13355 Say 13
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co  1 Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants raised in P/Bags  Nursery Cost of Plants  Re-digging of Pits 45 x 45 x 45 cm  The planting of Plants raised in P/Bags  Repair of Fencing  3rd Year to 10th Year Mainten  Re-digging of Pits 45 x 45 x 45 x 45 cm	Rmt No.	10 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	200 (10 %) 30 (30 ) 3	Grand Grand Up):  4. 2. 23. 1. st Year Moding Up):  4 2. 23. 4 4 6 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	S Plantin	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57 0.72 nance Co or	450.00 ay 6010 ay 6010 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 ost 19885. Say 1990 2800. 1596. 1280. 5163. 2228 288 Cost 13355 Say 130
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Comparition of Pits 45 x 45 x 45 cm  Planting of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Knuphill/downhill  Repair of Fencing  2nd Year Maintenance Comparition of Plants raised in P/Bags  Nursery Cost of Plants  Planting of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Knuphill/downhill  Repair of Fencing  3rd Year to 10th Year Maintenance  Re-digging of Pits 45 x 45 x 45 cm  Planting of Pits 45 x 45 x 45 cm  Planting of Pits 45 x 45 x 45 cm	Rmt No.	1. 10 (() 1. 3 () 1. 3 () 2. 3 () 3. 3 () 3. 3 () 3. 3 () 5. 5 () 7. 7	200 al/ 2 (10 % 110 110 110 110 110 110 110 110 110	Grand Grand Up):  4. 2. 23. 1. st Year Mo ing Up): 4 2. 23. 4 4 6 6 6 6 7 6 7 6 7 6 8 7 6 8 7 6 8 7 7 8 7 8	S Plantis  Plantis  Plantis  Total  T	0 ng Cos or Sa al (A+I  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57 0.72 nance Co or	450.00 ay 6010 ay 6010 ay 6010 2392.0 1920.0 7745.1 3344.0 288.0 0st 19885. Say 1990 2800. 1596. 1280. 5163 2228 288 Cost 13355 Say 130 0 1400 0 790
5 6 7	Planting of entire plant raised in P.bags.  Construction of Inspection Path  Cost of Sign Board, Carriage & Fixing   1st Year Maintenance Co  Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants in P/Bags over a distance of 2 Kn  uphill/ downhill  Repair of Fencing  2nd Year Maintenance Co  1 Re-digging of Pits 45 x 45 x 45 cm  Planting of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants raised in P/Bags  Nursery Cost of Plants  Carriage of Plants raised in P/Bags  Nursery Cost of Plants  Re-digging of Pits 45 x 45 x 45 cm  The planting of Plants raised in P/Bags  Repair of Fencing  3rd Year to 10th Year Mainten  Re-digging of Pits 45 x 45 x 45 x 45 cm	Rmt	10 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	200 (10 %) 30 (30 ) 3	Interest of the second	S   S   S   S   S   S   S   S   S   S	0 ng Cos or Sa al (A+1  10.49 5.98 4.80 0.00 8.36 0.72 ance Co or S  7.00 3.99 3.20 0.00 5.57 0.72 nance Co or 0.72	450.00 ay 6010 ay 6010 ay 6010 39 19770  4196.0 2392.0 1920.0 7745.1 3344.0 288.0 19885. Say 1990  2800. 1596. 1280. 5163. 2228 288 Cost 13355 Say 130 0 790 0 640

, 1	Repair of Fencing	Rmt.	60	1.80	0.72	6821.70		
6	Repair of Peneing	T	otal/1	st Year Menter		6900		
					or Say		Escalation	
					L/S	200000	10%	220000
A	Soil Conservation Works (0.18 ha)				L/S	0	0%	0
В	Fire Watcher, Fire Kit, And tools (0.18ha)				L/S	0	0%	0
C	Lantana Eradication				2/0	137600	10%	151360
D	Survey, Demarcation & Fencing Cost					60100	10%	66110
E	Planting Cost		-			19900	10%	21890
F	Ist year Maintenance	_	-			13400	20%	16080
	2 <sup>nd</sup> year Maintenance		-			6900	30%	8970
	3 <sup>rd</sup> year Maintenance		-			6900	40%	966
	4 <sup>th</sup> year Maintenance		+			6900	50%	1035
	5 <sup>th</sup> year Maintenance		-		*	690	0 60%	1104
	6 <sup>th</sup> year Maintenance		+			690	0 70%	1173
	7 <sup>th</sup> year Maintenance		-			690	0 80%	1242
	8 <sup>th</sup> year Maintenance					690	0 90%	1311
	9 <sup>th</sup> year Maintenance		1			690	0 100%	1380
	10 <sup>th</sup> year Maintenance  Total Plantation & Maint. For 1 Ha.		-			28620	00	34652

Total Cost of CA i.e. (Soil Conservation, Fire	282374
Watcher & Lantana Eradication) for 0.18ha.	14119
Contigency Charges @ 5% for 0.18ha	296493
Total	51886
Departmental Charges @ 17.5% for 0.18ha.	348379
Grand Total	348379
Total Cost Of CA for 0.18ha is =	^

Divisional Forest Officer Nahan Forest Division

Nahan, h P.

Diversion of 2.355 ha of forest land for Construction of link road from Gulriya Dhang to Nero Kotri KM. 0/0 To 4/935 within the Jurisdiction of Nahan Forest Division, Nahan, Tehsil, Nahan, Distt. Sirmour H.P.

	ne for Compenstoy Afforestation for 2024-25 in lieu	of Div	ersion	01 2.333 114	1.6 4.71114. (6	ouj care,
Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays	Amount at wage rate of Rs. 400/-
A	Survey, Demarcation & Fencing Cost			404.00	0.77	268.00
1	Survey & demarcation of plantation area	ha.	1 -	101.00	0.67	268.00
2	Preparation/purchase of RCC Fence posts wth 18% GST	No.	50	550.00	0.00	27500.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km uphill/downhill.	Km/ No.	50	33.50	22.33	8932.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	1208.00
.5.	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	956.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/ Qtl.	0.75	73.65	0.74	296.00
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	7680.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	1636.00
9	Cost of Barbed Wire with 18% GST	Qtl.	0.75	84310.00	0.00	63232.00
10	Nursery Cost of Plants	No.	1100	23.47	0.00	25817.00
10	Total -	A (Sur	vey, D	emarcation	& Fencing)	137525.00
					or Say	137600
D	Planting Cost					
_B	Planting Cost	ha.	1100	1192.80	7.95	3180.00
1	Bush Cutting in Strips (3mX3m)  Digging of pits 45x45x45 cm	No.	1100			27984.00
2	Filling of pits 45x45x45 cm.	No.	1100	_	19.95	7980.00
3	Carriage of plants in P/bags over distance 2 km.	Km/ No.	1100		27.87	11148.00
-	uphill.	No.	1100	2.18	15.99	6396.00
5	Planting of entire plant raised in P.bags.	Rmt.	100			2932.00
6	Construction of Inspection Path	No.	0	LS		450.00
7	Cost of Sign Board, Carriage & Fixing	1.10.				
			200	Total - B (P	anting Cost	60070.00
	Control of the Contro			Total - B (P	anting Cost or Say	C0400
						60100
	1st Year Maintenance Cos	st (30 %		Grand	or Say	60100
	1st Year Maintenance Cos			Grand	or Say Total (A+B	60100
1 2	Re-digging of Pits 45 x 45 x 45 cm	No. No.	Beati	Granding Up):	or Say Total (A+B	7 <b>60100</b> 197700 4196.00 2392.00
2	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm	No.	Beati	Granding Up):  4.7' 2.7	or Say Total (A+B 7 10.49 2 5.98	7 <b>60100</b> 197700 4196.00 2392.00
3	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags	No. No.	330 330	Grand (ing Up):  4.7  2.7  2.7	or Say Total (A+B 7 10.49 2 5.98 8 4.80	7 60100 197700 4196.00 2392.00 1920.00
2	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn	No. No. No.	330 330 330 330	Grand (ng Up): 4.7 2.7 2.1 2.3.4	or Say Total (A+B 7 10.49 2 5.98 8 4.80 7 0.00	60100 197700 4196.00 2392.00 1920.00 7745.10
2 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill	No. No. No. No. No. No. Rmt.	330 330 330 330 330 330	Grand (ing Up):  4.7  2.7  2.1  2.3.4  1.9	or Say Total (A+B) 7	7 60100 197700 4196.00 2392.00 1920.00 7745.10 3344.00
3 4	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/downhill	No. No. No. No. No. No. Rmt.	330 330 330 330 330 330	Grand (ing Up):  4.7  2.7  2.1  2.3.4  1.9	or Say Total (A+B  7	7 60100 197700 4196.00 2392.00 1920.00 7745.10 3344.00
2 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill	No. No. No. No. No. No. Rmt.	330 330 330 330 330 330	Grand (ing Up):  4.7  2.7  2.1  2.3.4  1.9	or Say Total (A+B) 7	7 60100 197700 4196.00 2392.00 1920.00 7745.10 3344.00 288.00 1985.10
2 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing	No. No. No. No. No. No. Rmt.	330 330 330 330 330 330 50 60 50 51 1	Grand (ng Up):	or Say Total (A+B  7	7 60100 197700 4196.00 2392.00 1920.00 7745.10 3344.00 288.00 st 19885.10 y 19900
2 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co	No. No. No. No. No. No. Rmt.	330 330 330 330 330 330 50 60 50 51 1	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 4196.00 2392.00 1920.00 7745.10 3344.00 288.00 st 19885.10 y 19900
2 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co	No. No. No. No. No. Rmt. To	330 330 330 330 330 330 60 btal/ 1	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 197700 4196.00 2392.00 1920.00 7745.10 3344.00 288.00 st 19885.10 y 19900
2 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm	No. No. No. No. No. Rmt. Toost (20	330 330 330 330 330 330 60 otal/ 1	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 4196.00 2392.00 1920.00 7745.10 3344.00 288.00 19885.10 19900 2800.00 1596.00
2 3 4 5 6	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags	No. No. No. No. No. Rmt. To Set (20 No. No.	330 330 330 330 330 330 60 btal/ 1 22( 22(	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 197700 197700 2392.00 1920.00 7745.10 288.00 288.00 19885.10 19900 2800.00 1596.00
2 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn	No.   No.   No.   No.   Rmt.   To	Beati 3300 3300 3300 3300 3300 3300 3300 33	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 197700 197700 2392.00 1920.00 7745.10 3344.00 288.00 19885.10 19900 2800.00 1596.00 1280.00 5163.40
2 3 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill	No.   No.   No.   No.   No.   Rmt.   To.   No.	330 330 330 330 330 330 330 60 60 60 60 220 220 220 220	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 197700 2392.00 1920.00 7745.10 3344.00 288.00 19885.10 19900 2800.00 1280.00 5163.40 2228.00
2 3 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn	No.   No.   No.   No.   No.   Rmt.   To   No.   No.   No.   No.   No.   No.   No.   Rmt.   No.   Rmt.   Rmt.   Rmt.   No.   Rmt.   No.   Rmt.   Rmt.   No.   Rmt.   Rmt.   Rmt.   Rmt.   No.   Rmt.   Rmt.   No.   Rmt.   Rmt.   Rmt.   No.   Rmt.   Rmt.   No.   Rmt.   Rmt.   Rmt.   Rmt.   No.   Rmt.   Rm	Beati 3300 3300 3300 3300 3300 3300 3300 33	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 197700 2392.00 1920.00 7745.10 3344.00 288.00 19885.10 y 19900 2800.00 1280.00 5163.40 2228.00
2 3 4 5 6	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill	No.   No.   No.   No.   No.   Rmt.   To   No.   No.   No.   No.   No.   No.   No.   Rmt.   No.   Rmt.   Rmt.   Rmt.   No.   Rmt.   No.   Rmt.   Rmt.   No.   Rmt.   Rmt.   Rmt.   Rmt.   No.   Rmt.   Rmt.   No.   Rmt.   Rmt.   Rmt.   No.   Rmt.   Rmt.   No.   Rmt.   Rmt.   Rmt.   Rmt.   No.   Rmt.   Rm	Beati 3300 3300 3300 3300 3300 3300 3300 33	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 197700 2392.00 1920.00 7745.10 3344.00 288.00 19885.10 y 19900 2800.00 1596.00 1280.00 5163.40 2228.00 st 13355.40
2 3 4 5 5 6 6	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing	No.   No.   No.   No.   Rmt	6 Beati 330 330 330 330 330 300 300 30	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 197700 2392.00 1920.00 7745.10 3344.00 288.00 19885.10 y 19900 2800.00 1596.00 1280.00 5163.40 2228.00 st 13355.40
2 3 4 5 6 1 2 3 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  3rd Year to 10th Year Maintena	No. No. No. No. No. Rmt. To  Set (20 No. No. No. No. Rm. No. Rmt To  Control R	Beati 330 330 330 330 330 330 60 0 0 0 0 0 0	Grand (ing Up):    4.7     2.7     2.1     23.4     1.9     1.8     st Year Mer    ting Up):   0   4.7     0   2.7     0   2.3     0   2.3     0   1.5     1.6     1.6     Market Mer    W Beating Up):   Company the strength of the strength	or Say Total (A+B  7	7 60100 197700 197700 197700 197700 1920.00 1920.00 7745.10 288.00 st 19885.10 19900 2800.00 1280.00 1280.00 5163.40 2228.00 38t 13355.40 40 40 40 40 40 40 40 40 40 40 40 40 4
2 3 4 5 6 1 2 3 3 4 5	Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing  2nd Year Maintenance Co Re-digging of Pits 45 x 45 x 45 cm Filling of Pits 45 x 45 x 45 cm Planting of Plants raised in P/Bags Nursery Cost of Plants Carriage of Plants in P/Bags over a distance of 2 Kn uphill/ downhill Repair of Fencing	No.   No.   No.   No.   Rmt	Beati 3300 3300 3300 3300 3300 3300 3300 33	Grand (ing Up):	or Say Total (A+B  7	7 60100 197700 197700 197700 197700 1920.00 1920.00 7745.10 3344.00 288.00 19885.10 y 19900 1280.00 1280.00 5163.40 2228.00 st 13355.40

4	Nursery Cost of Plants	No.	110	23.47	0.00	2581.70	
5		Km/ No.	110	1.90	2.79	1116.00	
6	Repair of Fencing	Rmt.	60	1.80	0.72	288.00	
0	Repair of Fencing	Tot	al / 1st V	ear Menter	ance Cost	6821.70	
		100	ai/ ist i	cai withitti	lance Cost	0021170	
		100	ai/ ist i	ear wienter	or Say	6900	
		100	ai/ ist i	ear wienter		320000000000000000000000000000000000000	
A	Soil Conservation Works (5ha)	100	ai/ ist i	ear Wenter		320000000000000000000000000000000000000	Escalation

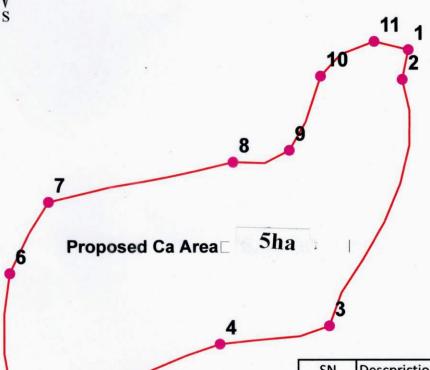
				Escalation	
A	Soil Conservation Works (5ha)	L/S	800000	10%	880000
В	Fire Watcher, Fire Kit, And tools (5ha) ,Path etc	L/S	350000	10%	385000
С	Lantana Eradication 90% 1st, 2nd & 3rd (area 5Ha.)	L/S	686500		755150
D	Survey, Demarcation & Fencing Cost		137600		151360
E	Planting Cost		60100	10%	66110
F	Ist year Maintenance		19900	10%	21890
1.	2 <sup>nd</sup> year Maintenance		13400	20%	16080
	3 <sup>rd</sup> year Maintenance		6900	30%	8970
	4 <sup>th</sup> year Maintenance		6900	40%	9660
	5 <sup>th</sup> year Maintenance		6900	50%	10350
-	6 <sup>th</sup> year Maintenance		6900	60%	11040
	7 <sup>th</sup> year Maintenance		6900	70%	11730
	8 <sup>th</sup> year Maintenance		6900	80%	12420
	9 <sup>th</sup> year Maintenance		6900	90%	13110
	10 <sup>th</sup> year Maintenance		6900	100%	13800
	Total Plantation & Maint. For 1 Ha.		286200	O	346520

Total Cost of CA i.e. (Soil Conservation, Fire Watcher & Lantana Eradication, etc.) for 5ha.	3752750
Contigency Charges @ 5% for 5 ha	187638
Total	3940388
Departmental Charges @ 17.5% for 12ha.	689568
Grand Total	4629956
Total Cost Of CA for 5ha is =	4629956

Divisional Forest Officer Nahan Forest Division Mahan Forest Division, Nahan, H.P. Clo Link Road Grubila Dhang to Mero Ketsi

# DGPS Map of RF Bhogpur Kotla C-1 of Kotla Beat of Kotla Block for Proposed CA area





SN	Descpriction	Area ha
1	Proposed Ca Area	5ha
	Total Area	5ha

**LEGEND** 

**Proposed Ca Area** 

5ha.

**DGPS POINT** 

SC: 1:50000

Point	Latitude	Longitude
1	30° 32' 7.960" N	77° 10' 13.739" E
2	30° 32' 7.148" N	77° 10' 13.536" E
3	30° 32' 0.493" N	77° 10' 11.069" E
4	30° 32' 0.055" N	77° 10' 7.611" E
5	30° 31' 58.396" N	77° 10' 1.645" E
6	30° 32' 2.083" N	77° 10' 1.032" E
- 7	30° 32' 4.001" N	77° 10' 2.304" E
8	30° 32' 4.991" N	77° 10' 8.152" E
9	30° 32' 5.284" N	77° 10' 9.927" E
10	30° 32' 7.289" N	77° 10' 10.961" E
() 11	30° 32' 8.196" N	77° 10' 12.668" E

Range Foxest officer Tollok Pur Range.

Divisional Forest Officer, Nahan Forest Division, Nahan, H.P. Co Ynk Road Gluesia Bhang to Mero Kedri

#### Toposheet Map of RF Bhogpur, Kotla C-1 of Kotla Beat of Kotla Block for Proposed CA area





#### LAYOUT

SN	Descpriction	Area <b>ha</b>
1	Proposed Ca Area	5ha
	Total Area	5ha

Point	Latitude	Longitude
1	30° 32' 7.960" N	77° 10' 13.739" E
2	30° 32' 7.148" N	77° 10' 13.536" E
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10	30° 32' 7.289" N	77° 10' 10.961" E
11)	30° 32' 8.196" N	77° 10' 12.668" E

#### **LEGEND**



Proposed Ca Area

SC: 1:50000

Range Forest Office The Cer

Divisional Forest Officer, Nahan Forest Division, Nahan, H.P. Full Title of the Project: Diversion of 2.355 ha of forest land for Construction of link road from Gulriya Dhang to Nero Kotri KM. 0/0 To 4/935 within the Jurisdiction of Nahan Forest Division, Nahan, Tehsil, Nahan, Distt. Sirmour H.P.

#### LAND SUITABILITY CERTIFICATE

This is to certify that 5hect. land bearing Survey Sheet-H43L6, of RF Bhogpur Kotla C-1 of Kotla beat of Kotla block of Trilokpur Range of Nahan Forest Division, Tehsil Nahan, District Sirmour, identified for compensatory Afforestation is suitable for undertaking plantation. The undersigned visited the proposed CA site area and found that it is fit for plantation. Moreover in the CA area there are lantana bushes and kronda jhari (about 75%) growing in certain patches. CA area is having less than 40% canopy density and the CA area is appropriate for Plantation.

Divisional Forest Officer,

Nahan Forest Division,

Nahan, H F.

Range Forest Officer Trilokpur Ranget Office
Trilokpur (HP)

# Enumeration is Dumbing Site

Tink road from Gulriya Ddang to Neron Koteri (Dumping site =0.18 Hac) in R.F Maidhar C.E. Beat-Burma Papri, Block-Trilokpur, Enumeration list in F.C.A case of grren standing tree coming under division of forest land taver of H.P.P.W.D for c/o Range-Trilokpur, Division-Nahan During the 2024-25

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Ko	Kokath	14/17 V		=	-	1	Kokath	26/27	IV	1
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ABSTRACT

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Divisional Forest Officer, Nahan Forest Division, Nahan, H.P.

3

al Abstract of Trees Enumerated in F.C.A case of green standing tree coming under division of forest land in favour of H.P.P.W.D for c/o link road from Gulriya Ddang to Neron Koteri in

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Divisional Forest Officer, Nahan Forest Division, Nahan, H.P.

Bor K. W. Bhood

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No: FSH-SRM (G-6) -6-12/2004-MISC-Voll-5-629

Fisheries Department Himachal Pradesh.

Dated: Nahan-173001.

29-08-2024

From

Assistant Director Fisheries, Nahan Distt Sirmour (HP)

From:-

Executive Engineer, **B&R** Division HPWD Nahan.

Subject: Secutive

No Objection Certificate for Construction of link road from Gulriya Dhang to Nero Kotri K.M 0/0 to 4/935 within the jurisdiction of Nahan Forest Division, Nahan Tehsil, Nahan, District Sirmour Himachal Pradesh (Online Proposal No.FP/HP/ROAD/140966/2021.

On the subject cited above reference to letter No.PW/ NHN /CB/WA/ I/ FCA-11/2024-25-2946 Date2 1.8.2024 No Objection Certificate (NOC) is issued to concerned department on terms that no excavated material will be dumped in nearby rivers or rivulets to conserve the habitat of fisheries fauna of these rivers.

> (Dr. Som Nath) Assistant Director Fisheries,

Nahan Distt Sirmour (HP)