

Diversion of 2.1338 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himavhal Pradesh

FILE NO. : FP/HP/ROAD/148886/2021

DATE OF PROPOSAL : 29/10/2021

PART-II

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

State serial No. of proposal _____

7. Location of the project/Scheme:	
i. State/Union Territory	Himachal Pradesh
ii. District.	Kangra
iii. Forest Division	Dharamshala Forest Division
iv. Area of forest land proposed for diversion (in ha.)	0.1514 ha.
iv. Legal status of the forest	Un-Demarcated Protected Forest
v. Density of vegetation.	0.3
vi. Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.)	Enclosed at Sr. No. 172-189
vii. Brief note on vulnerability of the forest area to erosion.	The Site is not vulnerable to Land Slides.
viii. Approximate distance of proposed site for diversion from boundary of forests.	0.500 Kms.
ix. Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).	No
x. Whether any rare/ endangered/ unique species of flora and fauna found in the area- if so details thereof.	No such rare endangered species of flora and fauna are found in the area.
xi. Whether any protected archaeological /heritage site/defence establishment or any other important	No

monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	
8. Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	Yes, the area proposed for diversion is unavoidable and barest minimum for the project.
9. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	No
10. Details of compensatory afforestation scheme: <ul style="list-style-type: none"> i. Details of non forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch. ii. Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries. iii. Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc. iv. Total financial outlay for compensatory afforestation scheme. v. Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests). 	Enclosed at Page No. 193 Enclosed at Page No. 194. Enclosed at Page No. 195-198. Rs. 9,60,537/- Enclosed at Page No. 199
11. Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Enclosed at Page No. 196

<p>12. Division/District profile:</p> <p>i. Geographical area of the district.</p> <p>ii. Forest area of the district.</p> <p>iii. Total forest area diverted since 1980 with number of cases.</p> <p>iv. Total compensatory afforestation stipulated in the district/division since 1980 on :</p> <p>(a) forest land including penal compensatory afforestation,</p> <p>(b) non-forest land.</p> <p>v. Progress of compensatory afforestation as on (date) 31/03/2022 on</p> <p>(a) forest land</p> <p>(b) non-forest land.</p>	<p>573900 ha</p> <p>61061.58 ha</p> <p>234.2619 ha (104)</p> <p>462.0454 ha</p> <p>Nil</p> <p>383.0814 ha</p> <p>Nil</p>
<p>13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reason.</p>	<p>The proposal is recommended for approval since the Up-gradation of existing 2 lane to 4 lane from end of Hamirpur Bypass (Chil Bahal) to Bhangwar as it will benefit a large population and provide long term benefits. Forest Land 0.1514 ha falling in Dharamshala Forest Division is recommended for Approval.</p>

Place : Dharamshala
Dated : 16-11-2022

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

Diversion of 0.1514 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) falling in Dharamshala Division in District Kangra

FILE NO. : FP/HP/ROAD/148886/2021

DATE OF PROPOSAL : 29/10/2021

SPECIAL RECOMMENDATION

The proposed Forest Land for the Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh, requires 2.1338 hectare of forest land. The diversion of 0.1514 hectare of forest land falling under Dharamshala Forest Division is hereby recommended for approval as it will have long term benefits in the future.

Place : Dharamshala

Dated : 29-6-2022

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

Diversion of 2.1338 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh

BILL FOR NET PRESENT VALUE

Eco-Value Class	Area in Hectare	Rate(per Hectare)	Total Amount (Rs.)
Class V Dense Forest	0.1514	1292850.00	195737.00
TOTAL AMOUNT			195737.00

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

Diversion of 2.1338 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himavhal Pradesh

FILE NO. : FP/HP/ROAD/148886/2021

DATE OF PROPOSAL : 29/10/2021

CHECK LIST SERIAL NUMBER – 16

SITE INSPETION REPORT NOT BELOW THE RANK OF DCF / DFO

(for the forest land to be diverted under FCA)

A Proposal has been received by this office from Project Director, National Highway Authority of India. PIU Hamirpur, District Hamirpur (HP) - 177001 for diversion under FCA-1980 of 0.1514 ha. of forest land for non-forestry purpose. The project envisages the use of forest land for the Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh. The site inspection of the land involved in the proposal has been done by me on date 01-04-2022


2. On inspection of the site, it is found that the land required by the user agency is a forest area measuring 0.1514 ha in Dharamshala Forest Division.
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. Yes
4. Whether any rare/endangered/unique species of flora and fauna found in the area. If so, the details thereof. : No
5. Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority. : No
6. (a) The user agency has not violated the provisions of Forests (Conservation) Act, 1980 no work has been started without proper sanction. : (✓)
- (b) It has been found that the user agency has violated the provisions of Forest (Conservation) Act, 1980 Indian Forest Act, 1927 / any other forest Act. A detailed report as per para 1.9 of Chapter I, Part C of handbook of Forest (Conservation) Act, 1980 is attached. : (X)

Specific recommendation for acceptance or otherwise of the proposal

: Yes recommended for Approval.

Place : Dharamshala

Dated : 01-04-2022


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

Diversion of 2.1338 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh

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DATE OF PROPOSAL : 29/10/2021

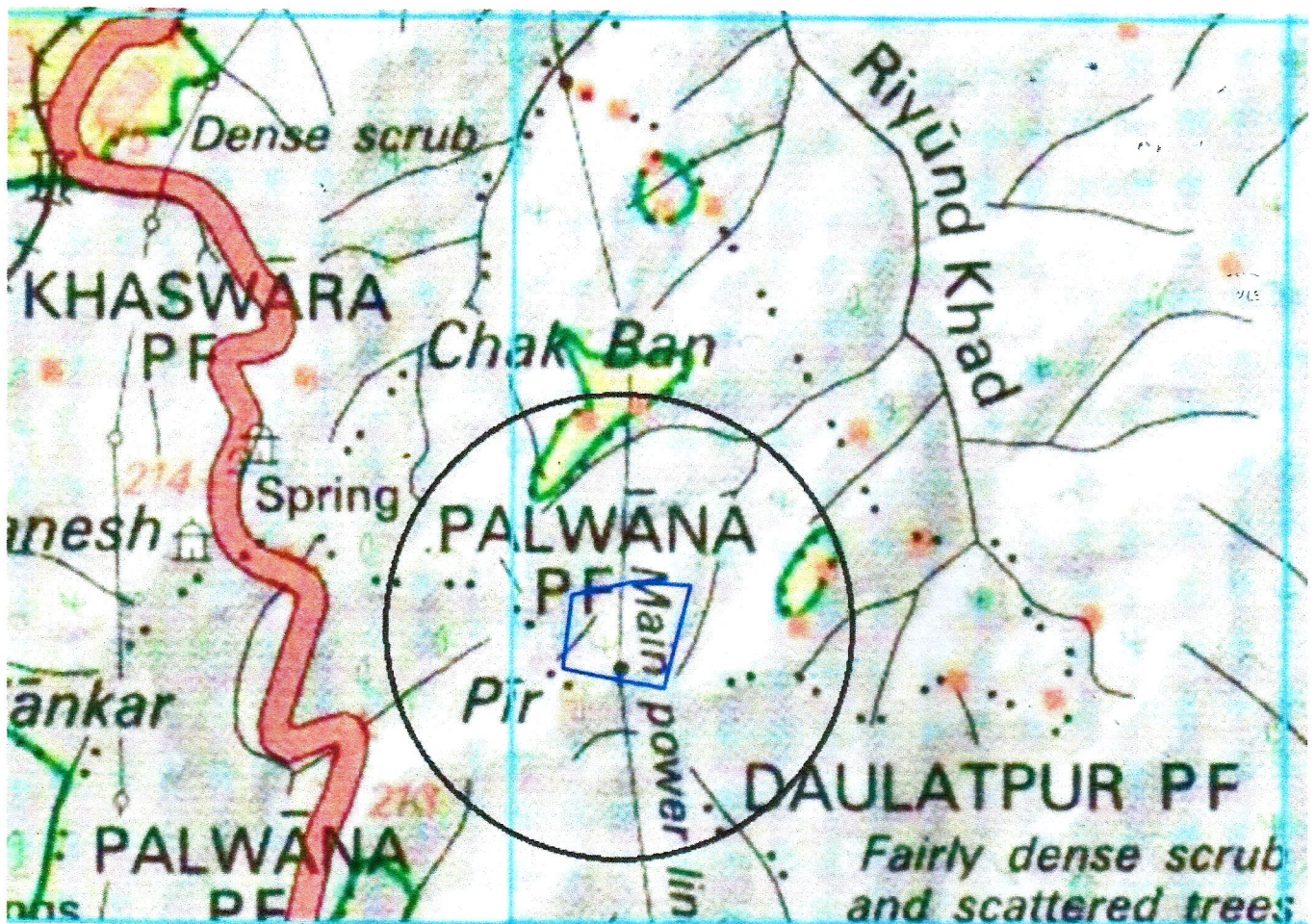
CHECK LIST SERIAL NUMBER: - 17

LOCATION MAP

Location Map of Non Forest Land identified for Compensatory Afforestation in lieu of proposal for diversion of 2.1338 ha. of forest land for above stated road in the state of Himachal Pradesh

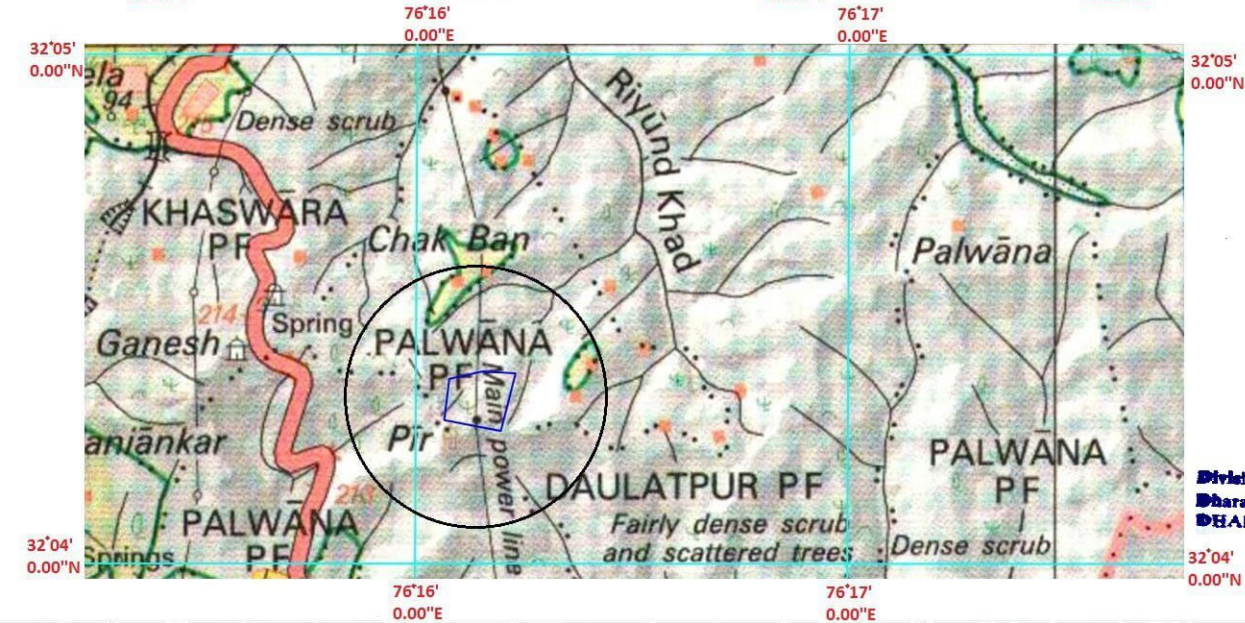
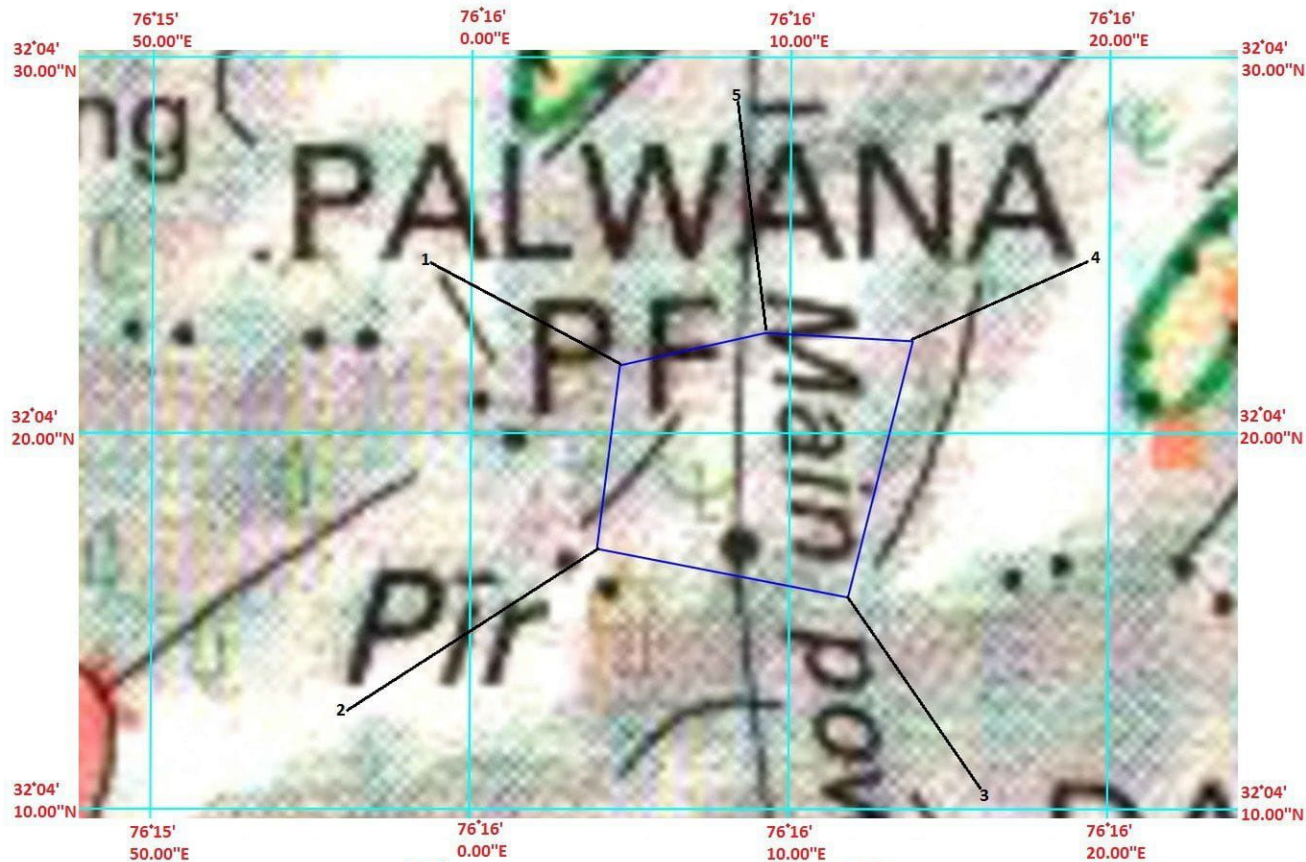
Village Daulatpur, Forest Division Dharamshala, District Kangra, Compartment No. P 29K Daulatpur C-1C, Area 4.27 Hac.

SOI Topo No. 52 D/8

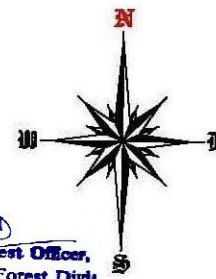


☒ Area to be taken for Compensatory Afforestation.


Divisional Forest Officer
Dharamshala Forest Division
Dharamshala, District Kangra
DHARAMSHALA



SCALE: 1: 5000



Divisional Forest Officer,
Bharam, Forest Divi,
DHARA SHALA

SCALE: 1: 50000

GEO-REFERENCE MAP

COMPENSATORY AFFORESTRATION

Sr.No.	Northing	Easting	Remarks
1	32°4' 21.8"N	76°16' 4.66"E	PROPOSED LAND
2	32°4' 16.9"N	76°16' 3.87"E	
3	32°4' 15.53"N	76°16' 11.74"E	
4	32°4' 22.35"N	76°16' 13.87"E	
5	32°4' 22.63"N	76°16' 9.23"E	

INDEX



C.A. LAND BANK

Towns or Villages: inhabited, deserted, Fort, ...	...
Huts: permanent, temporary, Tower, Antiquities, ...	...
Temple, Chhatra, Church, Mosque, Idgh, Tomb, Graves, ...	...
Lighthouse, Lightship, Buoy, lighted, unlighted, Anchorage, ...	...
Mine, Vine, on walls, Grass, Scrub, ...	...
Palms: palm, rachet, Plantain, Conifer, Bamboo, Other trees, ...	...
Boundary: international, ...	...
place: demarcated, undemarcated, ...	...
district: subdirm, tahsil or taluk; forest, ...	...
Boundary pillars: surveyed, unlocated, village trijunction, ...	...
Height, triangulated: station, point, approximate, ...	...
Bench-mark: geodetic, tertiary, named, ...	...
Post office, Telegraph office, Combined office, Police station, P.O., T.O., P.T.O., P.S., ...	...
Bungalows: dak or travellers; inspection, Rest-house, ...	...
Circus, houses, Camping ground, Forest: reserved, protected, ...	...
Specified names: administrative, locality or tribal, ...	...

NATIONAL HIGHWAY AUTHORITY OF INDIA

COMPENSATORY AFFORESTRATION

C/O TWO LANE WITH PAVED SHOULDERS FROM END OF HAMIRPUR BYPASS (CHIL BAHAL) TO BHANGBAR SECTION VIA JAWALAMUKHI FROM KM 138+295 TO KM 175 +270 (PACKAGE IV) OF EXISTING NH 88 (NEW NH-3& 303)

Prepared by:
MAGNUS INFRATECH PVT. LTD. KANGRA H.P.

SCALE: 1: 50000	S.O.I. SHEET NO. - 52 D/8	N-8
DN:		
DL:		
DL:	MIPL-CANHAJ-4546	N-8

Diversion of 2.1338 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh

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DATE OF PROPOSAL : 29/10/2021

CHECK LIST SERIAL NUMBER: - 17
"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 2.1338 ha. of forest area to be diverted for the construction of above said Project in Himachal Pradesh.

1. Detail of degraded forest land :

District Kangra, Tehsil Kangra, Division Dharamshala.	Kangra Range, Block/Comptt. No. P 29K Daulatpur C-1C	Area to be Afforested – 4.27 HA
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2. Description of Area

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

3. Plantation Model

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

4. Schedule of Plantation Programme

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

YEAR	AREA	RATE / ha (in Rs.)	TOTAL AMOUNT
0 Year	4.27	102370	437120
1 st Year	4.27	14720	62854
2 nd Year	4.27	9880	42188
3 rd Year	4.27	6920	29549
4 th Year	4.27	6920	29549
5 th Year	4.27	6920	29549
6 th Year	4.27	6920	29548
7 th Year	4.27	6920	29548
8 th Year	4.27	6920	29548
9 th Year	4.27	6920	29548
10 th Year	4.27	6920	29548
TOTAL (Rs.)			778549
Contingency Charges 5 %			38927
TOTAL (Rs.)			817476
Departmental Charges 17.5 %			143058
TOTAL (Rs.)			960534
OR SAY			Rs. 9,60,537/-

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Kangra Area 4.27 Hac.
b.	Spacing	2.5 X 2.5
c.	Species	Mix Broad Leave
d.	Plantation Method	By pits 30 cm & 45 cm.
e.	Soil and Moisture Conservation Works	Check dam / Retaining walls / Vegetative check dam
f.	Protection (Fencing, Watch man, People's Participation etc.)	Fencing, Watch man, People's Participation etc. Fencing 5 Stand Barbed Wire interlacing with thorny bushes.
g.	Proposed Monitoring Mechanism	Proper inspection of the area by field staff & officers of the Department.
h.	Any other information	N.A.

Place : Dharamshala

Dated : 16-11-2022

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

Diversion of 2.1338 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh

FILE No.	FP/HP/ROAD/148886/2021
Date of Proposal	29/10/2021

Scheme for Compensatory Afforestation for 2021-22 in lieu of Diversion of 2.1338 ha of forest land for Construction of above stated Project in Himachal Pradesh

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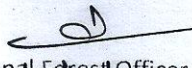
Grand Total (A+B)							45160
1st Year Maintenance Cost (30 % Beating Up):							
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	1574.1	10.49	3148.20
2	Filling of Pits 45 x 45 x 45 cm	No.	330	2.72	897.60	5.98	1795.20
3	Planting of Plants raised in P/Bags	No.	330	2.18	719.40	4.80	1438.80
4	Nursery Cost of Plants	No.	330	17.00	17.00	0.00	5610.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	330	1.90	1254.00	8.36	2508.00
6	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	216.00
Total/ 1st Year Mentenance Cost							14716.20
or Say							14720

2nd Year Maintenance Cost (20 % Beating Up):							
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	1049.4	7.00	2098.80
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	598.40	3.99	1196.80
3	Planting of Plants raised in P/Bags	No.	220	2.18	479.60	3.20	959.20
4	Nursery Cost of Plants	No.	220	17.00	17.00	0.00	3740.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	220	1.90	836.00	5.57	1672.00
6	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	216.00
Total/ 2nd Year Maintenance Cost							9882.81
or Say							9880

3rd Year to 10th Year Maintenance Cost (10 % Beating Up):							
1	Re-digging of Pits 45 x 45 x 45 cm	No.	220	4.77	524.7	3.50	1049.40
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	299.20	1.99	598.40
3	Planting of Plants raised in P/Bags	No.	220	2.18	239.80	1.60	479.60
4	Nursery Cost of Plants	No.	220	17.00	17.00	0.00	3740.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	220	1.90	418.00	2.79	836.00
6	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	216.00
Total/ 1st Year Maintenance Cost							6919.39
or Say							6920

C	Survey, Demarcation & Fencing Cost						57210
D	Planting Cost						45160
E	1st year Maintenance						14720
F	2 nd year Maintenance						9880
G	3 rd year Maintenance						6920
H	4 th year Maintenance						6920
I	5 th year Maintenance						6920
J	6 th year Maintenance						6920
K	7 th year Maintenance						6920
L	8 th year Maintenance						6920
M	9 th year Maintenance						6920
N	10 th year Maintenance						6920
	Total						182330
O	Constituency Charges @ 5%						9117
	Total						191446.50
P	Departmental Charges @ 17.5%						33503
	Grand Total (C to P)						224950
	Total Cost of CA for 1 ha						224950

Total Cost Of CA for 4.27 ha is Rs 224950 x 4.27 ha = Rs 9,60,537/-


 Divisional Forest Officer
 Dharamshala Forest Division
 Dharamshala, District Kangra

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FILE NO. : FP/HP/ROAD/148886/2021

DATE OF PROPOSAL : 29/10/2021

CHECK LIST SERIAL NUMBER: - 19

“SUITABILITY CERTIFICATE BY THE DFO”

This is to certify that Survey No. Compartment No P 29K Daulatpur C1C in Kangra Range area measuring 4.27 ha in Dharamshala Forest Division, District Kangra identified for Compensatory Afforestation in lieu of 2.1338 Ha. of forest land for the construction of above stated National Highway in District Kangra (HP), is in a compact block and contiguous to forest area and is in close proximity of forest area and is suitable for plantation and from the management and protection point of view and is free from all sorts encumbrances and encroachments. The proposed area has a crown density of less than 0.3 so it is suitable for plantation of 1100 number of plants per hectare.

Place : Dharamshala

Dated : 29-6-2022

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

Diversion of 2.1338 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himavhal Pradesh

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DATE OF PROPOSAL : 29/10/2021

CHECK LIST SERIAL NUMBER: - 20

"SUITABILITY CERTIFICATE BY THE DFO"

This is to certify that Survey No. Compartment No P 29K Daulatpur C1C in Kangra Range area measuring 4.27 ha in Dharamshala Forest Division, District Kangra identified for Compensatory Afforestation in lieu of 2.1338 Ha. of forest land for the construction of above stated National Highway in District Kangra (HP), is suitable for raising plantation from the management point of view and is free from all sorts encumbrances and encroachments.

Place : Dharamshala

Dated :

29-6-2022

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

Diversion of 2.1338 hac. of Forest Land for Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from end of Hamirpur bypass (Chil Bahal) to Bhangbar Section via Jwalamukhi (Package IV) of NH-88 (New NH-3 & 303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh

FILE NO. : FP/HP/ROAD/148886/2021

DATE OF PROPOSAL : 29/10/2021

"SUITABILITY CERTIFICATE BY THE DFO"

This is to certify that Survey No. Compartment No. E29K Daulatpur C1C in Kangra Range area measuring 4.27 ha in Dharamshala Forest Division, District Kangra identified for Compensatory Afforestation in lieu of 2.1338 Ha. of forest land for the construction of above stated National Highway in District Kangra (H.P.), is not MDF. The proposed area is degraded forest land having a crown density of less than 0.3 and is suitable for plantation of 1100 number of plants per hectare.

Place : Dharamshala

Dated : 16-11-2022

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