

SUMMARY OF AMOUNT TO BE DEPOSITED IN CAMPA FUND

Particulars	Nurpur Division	Dalhousie Division	Dharamshala Division	Total Amount
Cost of NPV	6725535	37394	2054750	8817679
Cost of CA	3345373	-	1268201	4613574
5% Contingency	167269	-	63410	230679
Cost of SMCP	4729500	33800	1858400	6621700
Total	14967677	71194	5244761	20283632

No.FCA /Misc/ 1436
H.P. Forest Department.

From:

Divisional Forest Officer,
Nurpur Forest Division,
Nurpur

To:

The Project Director,
National Highways Authority of India,
PIU Palampur, 1st and 2nd Floor, DayalJiNiwas,
Chimbalhar, Palampur (H.P.)

Dated :Nurpur, the/ 26 APR 2023

Subject: Diversion of 7.2834 Ha. of forest land in favour of NHAI, for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh, within the jurisdiction of Nurpur, Dharamshala and Dalhousie Forest Division, Distt. Kangra, Himachal Pradesh. (Online Proposal No. FP/HP/ROAD/152261/2022).

Sir / Ma'am,

Kindly refer to Govt. of India Ministry of Environment, Forests & Climate Change, Integrated Regional Office Shimla, CGO Complex, Longwood Shimla -171001, Office Letter No. F.C./HPC/06/155/2022 dated 05.04.2023 addressed to Addl. Chief Secretary (Forests) to the GoHP and copy thereof endorsed to Director General of Forests (FC) Ministry of Environment, Forests & Climate Change, Indira Environment Building, Jorbag Road, Aliganj, New Delhi, and Nodal Officer-cum-Addl. Chief Conservator of Forests (FCA) GoHP Forest Department, Talland, Shimla, on the subject cited above.

2. In this context it is intimated that the Govt. of India has conveyed "Stage-I Approval" under the provisions of Forest (conservation) Act, 1980 for the diversion of forest land on the subject cited above diversion case. As already mentioned in the approval in question that the GOI has developed an e-payment module forest clearance portal for online remittance of the amount under various components i.e. CA & NPV, therefore the payments towards above components shall be deposited online through the e-payment portal such online Challan mode in Ad-hoc CAMPA and the payment with respect to the departmental charges on Compensatory Afforestation is to be deposited in State Govt. Treasury. The component wise detail of amount and mode of deposition is as under :

Component	Amount (Rs.)	Mode of Payment	Where the amount is to be deposited
Net Present Value (NPV)	67,25,535/-	e-payment	Through PariveshOnline portal, as per stipulation No. 3, 4 and 7 of "Stage-I Approval in the
Compensatory Afforestation	33,45,373/-	e-payment	
5% Contingency on CA Scheme	1,67,269/-	e-payment	

Cost of Soil & Moisture Conservation Plan 0.5 % Lump sum proportionate on 5.2021 ha Forest Land involved under Nurpur Forest Division	47,29,500/-	e-payment	Adhoc CAMPA Account.
Total Amount to be deposited through online (CAMPA Account)	1,49,67,677/-		
Departmental Charges 17.5% on CA	6,14,712/-	State Govt. Head	State Head with DFO Nurpur through RTGS in Account No. 50052720287 IFSC-KACE0000118 The Kangra Central Co-Op. Bank Ltd. Choughan Bazar Nurpur
Cost of 1645 Number of Trees	2,10,76,084/-		
Total Amount to be deposited in State Head	2,16,90,796/-		
Grand Total (Rs.)	3,66,58,473/-		

3 In addition to above, you are also requested to go through the other stipulations of the "in-principle" approval and compliance be reported to this office complete in all respect, so that the Stage-II approval could be sought from the competent authority. It may also be ensured that the proposed forest land may not be used till final approval is accorded by the competent authority.

Encl: As stated.


Divisional Forest Officer,
Nurpur Forest Division,
Nurpur

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section 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 Open Forest	5.2021	1292850.00	6725535.00
TOTAL AMOUNT			6725535.00


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

Diversion of 7.2834ha. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol(Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of PathankotMandi Section in the State of Himachal Pradesh

FILE NO. :FP/HP/Road/152261/2022

DATE OF PROPOSAL :15.07.2022

CHECK LIST SERIAL NUMBER: - 17

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 5.2021 ha. of forest area falling under the jurisdiction of Nurpur Forest Division to be diverted for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of PathankotMandi Section in the State of Himachal Pradesh.

Detail of degraded forest land :

District Kangra, Tehsil Jawali, Division Nurpur	Kotla Range, Block/Comptt. No. U84 Dole C10	Area to be Afforested – 11HA
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1. 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	11 Ha.	147906	1626965
1 st Year	11 Ha.	27396	301356
2 nd Year	11 Ha.	19903	218933
3 rd Year	11 Ha.	10892	119811
4 th Year	11 Ha.	11670	128370
5 th Year	11 Ha.	12448	136928
6 th Year	11 Ha.	13226	145486
7 th Year	11 Ha.	14004	154044
8 th Year	11 Ha.	14782	162602
9 th Year	11 Ha.	15560	171160
10 th Year	11 Ha.	16338	179718
TOTAL (Rs.)			3345373
Contingency Charges 5 %			167269
TOTAL (Rs.)			3512642
Departmental Charges 17.5 %			614712
TOTAL (Rs.)			4127354
OR SAY			Rs. 41,27,354/-

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Kotla Area 11 Hac.
b.	Spacing	2.5 X 2.5
c.	Species	Mix Broad Leave, Ambla, Arjun, Tuni etc.
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 : Nurpur

Dated : 20/4/22

Divisional Forest Officer
Nurpur Forest Division
Nurpur

Total/ 3rd Year Mentenance Cost	3709.29
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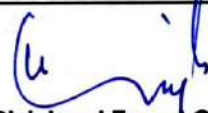
F	Maintenance Cost	Amount	No. of Plants	Cost of Plants	Total Amount	Increase %	Increased Amount	Total Maintenance Cost
	Year							
1	1st year Maintenance	10620	330	37	22830	20%	4566	27396
2	2 nd year Maintenance	7170	220	37	15310	30%	4593	19903
3	3 rd year Maintenance	3710	110	37	7780	40%	3112	10892
4	4 th year Maintenance	3710	110	37	7780	50%	3890	11670
5	5 th year Maintenance	3710	110	37	7780	60%	4668	12448
6	6 th year Maintenance	3710	110	37	7780	70%	5446	13226
7	7 th year Maintenance	3710	110	37	7780	80%	6224	14004
8	8 th year Maintenance	3710	110	37	7780	90%	7002	14782
9	9 th year Maintenance	3710	110	37	7780	100%	7780	15560
10	10 th year Maintenance	3710	110	37	7780	110%	8558	16338
	Total Maintenance Cost 1 to 10 Years							156219
G								
Abstract of Cost								147906
H	Total Plantation Cost (E)							156219
I	Total Maintenance Cost for 10 years (G)							304125
	Total							15206
J	Constituency Charges @ 5%							319331
	Total							55883
K	Departmental Charges @ 17.5%							375214
	Grand Total (C to P)							375214
	Total Cost of CA for 1 ha							

Total Cost of CA for 11 ha is Rs 375214 x 11 ha = Rs 41,27,354/-


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

Calculation Sheet of Soil & Moisture Conservation Plan (SMCP) for Diversion of 5.2021 hac. of Forest Land under Nurpur Forest Division for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

Sr. No.	Description	Units	Total	
1	Total Land Involved (A)	ha.	35.0716	
2	Forest Land Involved (B)	ha.	7.2834	
3	Non Forest Land Involved (A - B)	ha.	27.7882	
4	% Age of Forest Land Involved	7.2834 / 35.0716 x 100	%	20.77%
5	Total Cost of Project		Rs in Lakh	63761.700
6	Proportionate Cost on Forest Land in Dharamshala Forest Division	(63761.7 x 20.77%) / (7.2834 x 5.2021)	Rs in Lakh	9458.906
7	0.5% Soil & Moisture Conservation Plan in Nurpur Forest Division	9458.906 x 0.5%	Rs in Lakh	47.295
8	Cost of Soil & Moisture Conservation Plan (SMCP) to be deposited in Nurpur Forest Division	Rs in Lakh	47.295	
Rupees Forty Seven Lakh, Twenty Nine Thousand and Five Hundred Only				


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

No.FCA /RK/ 429 /

H.P. Forest Department.

Dated :Dalhousie, the/ 20-04-2023

From:

Divisional Forest Officer,
Dalhousie Forest Division.
Dalhousie

To:

The Project Director,
National Highways Authority of India,
PIU Palampur, 1st and 2nd Floor, DayalJiNiwas,
Chimbalhar, Palampur (H.P.)

Subject:

Diversion of 7.2834 Ha. of forest land in favour of NHAI, for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of PathankotMandi Section in the State of Himachal Pradesh, within the jurisdiction of Nurpur, Dharamshala and Dalhousie Forest Division, Distt. Kangra, Himachal Pradesh. (Online Proposal No. FP/HP/ROAD/152261/2022).

Sir / Ma'am,

Kindly refer to Govt. of India Ministry of Environment, Forests & Climate Change, Integrated Regional Office Shimla, CGO Complex, Longwood Shimla -171001, Office Letter No. F.C./HPC/06/155/2022 dated 05.04.2023 addressed to Addl. Chief Secretary (Forests) to the GoHP and copy thereof endorsed to Director General of Forests (FC) Ministry of Environment, Forests & Climate Change, Indira Environment Building, Jorbag Road, Aliganj, New Delhi, and Nodal Officer-cum-Addl. Chief Conservator of Forests (FCA) GoHP Forest Department, Talland, Shimla, on the subject cited above.

Component	Amount (Rs.)	Mode of Payment	Where the amount is to be deposited
Net Present Value (NPV)	37,394/-	e-payment	Through PariveshOnline portal, as per stipulation No. 4 and 7 of "Stage-I Approval in the Adhoc CAMPA Account.
Cost of Soil & Moisture Conservation Plan 0.5 % Lump sum proportionate on 0.0372 ha Forest Land involved under Dalhousie Forest Division	33,800/-	e-payment	
Total Amount to be deposited through online (CAMPA Account)	71,194/-		
Cost of 109 Number of Trees	24,08,803/-		State Head with DI O Dalhousie through RTGS in Account No. 23002320000014 IFSC- HDFC0002300 Branch Dalhousie
Total Amount to be deposited in State Head	24,08,803/-		

2. In this context it is intimated that the Govt. of India has conveyed "Approval" under the provisions of Forest (conservation) Act, 1980 for the diversion of forest land on the subject cited above diversion case. As already mentioned in the approval in question that the GOI has developed an e-payment module forest clearance portal for online remittance of the amount under various components i.e. CA & NPV, therefore the payments towards above components shall be deposited online through the e-payment portal such online Challan mode in Ad-hoc CAMPA and the payment with respect to the departmental charges on Compensatory Afforestation is to be deposited in State Govt. Treasury. The component wise detail of amount and mode of deposition is as under :

3 In addition to above, you are also requested to go through the other stipulations of the "in-principle" approval and compliance be reported to this office complete in all respect, so that the Stage-II approval could be sought from the competent authority. It may also be ensured that the proposed forest land may not be used till final approval is accorded by the competent authority.


Encl: As stated.


Divisional Forest Officer,
Dalhousie Forest Division,
Dalhousie

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section 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 Open Forest	0.0372	1005210.00	37394.00
TOTAL AMOUNT			37394.00


Kamal Bharti (HPES)
Divisional Forest Officer
Dalhousie Forest Division
Dalhousie

Calculation Sheet of Soil & Moisture Conservation Plan (SMCP) for Diversion of 0.0372 hac. of Forest Land under Dalhousie Forest Division for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

Sr. No.	Description		Units	Total
1	Total Land Involved (A)		ha.	35.0716
2	Forest Land Involved (B)		ha.	7.2834
3	Non Forest Land Involved (A - B)		ha.	27.7832
4	% Age of Forest Land Involved	$7.2834 / 35.0716 \times 100$	%	20.77%
5	Total Cost of Project		Rs in Lakh	63761.700
6	Proportionate Cost on Forest Land in Dharamshala Forest Division	$(63761.7 \times 20.77\%) / (7.2834 \times 0.0372)$	Rs in Lakh	67.640
7	0.5% Soil & Moisture Conservation Plan in Dalhousie Forest Division	$67.640 \times 0.5\%$	Rs in Lakh	0.338
8	Cost of Soil & Moisture Conservation Plan (SMCP) to be deposited under Dalhousie Forest Division		Rs in Lakh	0.338
Rupees Thirty Three Thousand and Eight Hundred Only				


Divisional Forest Officer
Dalhousie Forest Division
Dalhousie

No.FCA /RK/ 443 /
H.P. Forest Department.

Dated :Dharamshala, the/ 24-04-23

From:

Divisional Forest Officer,
Dharamshala Forest Division,
Dharamshala.

To:

The Project Director,
National Highways Authority of India,
PIU Palampur, 1st and 2nd Floor, DayalJiNiwas,
Chimbalhar, Palampur (H.P.)

Subject: Diversion of 7.2834 Ha. of forest land in favour of NHAI, for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA), from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of PathankotMandi Section in the State of Himachal Pradesh, within the jurisdiction ofNurpur, Dharamshala and DalhousieForest Division, Distt. Kangra, Himachal Pradesh. (Online Proposal No. FP/HP/ROAD/152261/2022).

Sir / Ma'am,

Kindly refer to Govt. of India Ministry of Environment, Forests & Climate Change, Integrated Regional Office Shimla, CGO Complex, Longwood Shimla -171001, Office Letter No. F.C./HPC/06/155/2022 dated 05.04.2023 addressed to Addl. Chief Secretary (Forests) to the GoHP and copy thereof endorsed to Director General of Forests (FC) Ministry of Environment, Forests & Climate Change, Indira Environment Building, Jorbag Road, Aliganj, New Delhi, and Nodal Officer-cum-Addl. Chief Conservator of Forests (FCA) GoHP Forest Department, Talland, Shimla, on the subject cited above.


2. In this context it is intimated that the Govt. of India has conveyed "Stage-I Approval" under the provisions of Forest (conservation) Act, 1980 for the diversion of forest land on the subject cited above diversion case. As already mentioned in the approval in question that the GOI has developed an e-payment module forest clearance portal for online remittance of the amount under various components i.e. CA & NPV, therefore the payments towards above components shall be deposited online through the e-payment portal such online Challan mode in Ad-hoc CAMPAs and the payment with respect to the departmental charges on Compensatory Afforestation is to be deposited in State Govt. Treasury. The component wise detail of amount and mode of deposition is as under :

Component	Amount (Rs.)	Mode of Payment	Where the amount is to be deposited
Net Present Value (NPV)	20,54,750/-	e-payment	Through PariveshOnline portal, as per stipulation No. 3, 4 and 7of "Stage-I Approval in the Adhoc CAMPAs Account.
Compensatory Afforestation	12,68,201/-	e-payment	
5% Contingency on CA Scheme	63,410/-	e-payment	
Cost of Soil & Moisture Conservation Plan 0.5 %	18,58,400	e-payment	

Lump sum proportionate on 2.0441 ha Forest Land involved under Dharamshala Forest Division			
Total Amount to be deposited through online (CAMPA Account)	52,44,761/-		
Departmental Charges 17.5% on CA	2,33,032/-	State Govt. Head	State Head with DFO Dharamshala through RTGS in Account No. No.10520100005843 IFSC – BARB0DHAKAN, Bank of Baroda, Kotwali Bazar, Dharamshala.
Cost of 784 Number of Trees	29,40,962/-		
Total Amount to be deposited in State Head	31,73,994/-		
Grand Total (Rs.)	84,18,755/-		

3 In addition to above, you are also requested to go through the other stipulations of the "in-principle" approval and compliance be reported to this office complete in all respect, so that the Stage-II approval could be sought from the competent authority. It may also be ensured that the proposed forest land may not be used till final approval is accorded by the competent authority.

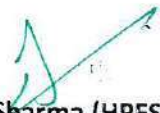
Encl: As stated.


Divisional Forest Officer,
Dharamshala Forest Division,
Dharamshala.

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section 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 Open Forest	2.0441	1005210.00	2054750.00
TOTAL AMOUNT			2054750.00


Dinesh Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

FILE NO. : FP/HP/Road/152261/2022

DATE OF PROPOSAL : 15.07.2022

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

Detail scheme for Compensatory Afforestation to be carried out in lieu of 2.0813 ha. of forest area falling under the jurisdiction of Dharamshala Forest Division (2.0441 ha) and Dalhousie Forest Division (0.0372 Ha) to be diverted for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh.

Detail of degraded forest land :

District Kangra, Tehsil Shahpur, Division Division	Shahpur Range, Block/Comptt. No. UP-26 K- Nerti C7C	Area to be Afforested – 4.17 HA
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1. 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	4.17	147906	616768
1 st Year	4.17	27396	114241
2 nd Year	4.17	19903	82996
3 rd Year	4.17	10892	45420
4 th Year	4.17	11670	48664
5 th Year	4.17	12448	51908
6 th Year	4.17	13226	55152
7 th Year	4.17	14004	58397
8 th Year	4.17	14782	61641
9 th Year	4.17	15560	64885
10 th Year	4.17	16338	68129
TOTAL (Rs.)			1268201
Contingency Charges 5 %			63410
TOTAL (Rs.)			1331611
Departmental Charges 17.5 %			233032
TOTAL (Rs.)			1564643
OR SAY			Rs. 15,64,643/-

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Shahpur Area 4.17 Hac.
b.	Spacing	2.5 X 2.5
c.	Species	Mix Broad Leave, Ambla, Arjun, Tuni etc.
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 : 11-04-2023

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

FILE No.	FP/HP/ROAD/152261/2022
Date of Proposal	15/07/2022
Scheme for Compensatory Afforestation for 2022-23 in lieu of Diversion of 2.0813 ha of forest land for Construction of above stated Project in Dharamshala & Dalhousie Forest Division	

[illegible]

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	2448.60
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	598.40	3.99	1396.27
3	Planting of Plants raised in P/Bags	No.	220	2.18	479.60	3.20	1119.07
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/	Km/ No.	220	1.90	836.00	5.57	1950.67
5	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	252.00
Total/ 2nd Year Maintenance Cost							7166.61
or Say							7170

3rd Year to 10th Year Maintenance Cost (10 % Beating Up):							
1	Re-digging of Pits 45 x 45 x 45 cm	No.	110	4.77	524.7	3.50	1224.30
2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	299.20	1.99	698.13
3	Planting of Plants raised in P/Bags	No.	110	2.18	239.80	1.60	559.53
4	Carriage of Plants in P/Bags over a distance of 2 Km uphill/	Km/ No.	110	1.90	418.00	2.79	975.33
5	Repair of Fencing	Rmt.	60	1.80	108.00	0.72	252.00
Total/ 3rd Year Maintenance Cost							3709.29
or Say							3710

F	Maintenance Cost							
	Year	Amount	No. of Plants	Cost of Plants	Total Amount	Increase %	Increased Amount	Total Maintenance Cost
1	1st year Maintenance	10620	330	37	22830	20%	4566	27396
2	2 nd year Maintenance	7170	220	37	15310	30%	4593	19903
3	3 rd year Maintenance	3710	110	37	7780	40%	3112	10892
4	4 th year Maintenance	3710	110	37	7780	50%	3890	11670
5	5 th year Maintenance	3710	110	37	7780	60%	4668	12448
6	6 th year Maintenance	3710	110	37	7780	70%	5446	13226
7	7 th year Maintenance	3710	110	37	7780	80%	6224	14004
8	8 th year Maintenance	3710	110	37	7780	90%	7002	14782
9	9 th year Maintenance	3710	110	37	7780	100%	7780	15560
10	10 th year Maintenance	3710	110	37	7780	110%	8558	16338
G	Total Maintenance Cost 1 to 10 Years							156219

Abstract of Cost

H	Total Plantation Cost (E)							147906
I	Total Maintenance Cost for 10 years (G)							156219
	Total							304125
J	Constituency Charges @ 5%							15206
	Total							319331
K	Departmental Charges @ 17.5%							55883
	Grand Total (C to P)							375214
	Total Cost of CA for 1 ha							375214

Total Cost Of CA for 4.17 ha is Rs 375214 x 4.17 ha = Rs 15,64,643/-

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

Calculation Sheet of Soil & Moisture Conservation Plan (SMCP) for Diversion of 2.0441 hac. of Forest Land under Dharamshala Forest Division for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

Sr. No.	Description	Units	Total	
1	Total Land Involved (A)	ha.	35.0716	
2	Forest Land Involved (B)	ha.	7.2834	
3	Non Forest Land Involved (A - B)	ha.	27.7882	
4	% Age of Forest Land Involved	$7.2834 / 35.0716 \times 100$	%	20.77%
5	Total Cost of Project		Rs in Lakh	63761.700
6	Proportionate Cost on Forest Land in Dharamshala Forest Division	$(63761.7 \times 20.77\%) / (7.2834 \times 2.0441)$	Rs in Lakh	3716.759
7	0.5% Soil & Moisture Conservation Plan in Dharamshala Forest Division	$3716.759 \times 0.5\%$	Rs in Lakh	18.584
8	Cost of Soil & Moisture Conservation Plan (SMCP) to be deposited in Dharamshala Forest Division	Rs in Lakh	18.584	
Rupees Eighteen Lakh, Fifty Eight Thousand and Four Hundred Only				

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala