

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL UNIVERSITY AT DHARAMSHALA, DISTRICT KANGRA (H.P.)

FILE NO. : FP/HP/Others/39044/2019

DATE OF PROPOSAL :

CHECK LIST SERIAL NUMBER: - 17

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 64.2016 ha. of forest area to be diverted for the construction of Central University North Campus at Dharamshala in District Kangra H.P.

1. Detail of degraded forest land :

District Kangra, Tehsil Dharamshala, Division Dharamshala.	Malan Range, Block/Comptt. No. Dhar Narwana	Area to be Afforested – 22.5 HA
District Kangra, Tehsil Dharamshala, Division Dharamshala.	Dharamshala Range, Block/Comptt. No. CFS Khanyara	Area to be Afforested – 50 HA
District Kangra, Tehsil Dharamshala, Division Dharamshala.	Dharamshala Range, Block/Comptt. No. P51K Naddi C-3B	Area to be Afforested – 25 HA
District Kangra, Tehsil Shahpur, Division Dharamshala.	Shahpur Range, Block/Comptt. No. UP Lam I	Area to be Afforested – 31 HA
Total		128.5 HA

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	128.5 Hac.	102375	13155188
1 st Year	128.5 Hac.	14720	1891520
2 nd Year	128.5 Hac.	9880	1269580
3 rd Year	128.5 Hac.	5050	648925
4 th Year	128.5 Hac.	5050	648925
5 th Year	128.5 Hac.	5050	648925
6 th Year	128.5 Hac.	5050	648925
7 th Year	128.5 Hac.	5050	648925
8 th Year	128.5 Hac.	5050	648925
9 th Year	128.5 Hac.	5050	648925
10 th Year	128.5 Hac.	5050	648925
Lantana Eradication in 25 ha	25 Hac.	37200	930000
TOTAL (Rs.)			22437688
Contingency Charges 5 %			1121884
TOTAL (Rs.)			23559572
Departmental Charges 17.5 %			4122925
TOTAL (Rs.)			27682497
OR SAY			Rs. 2,76,82,522/-

5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Malan, Dharamshala & Shahpur Area 128.5 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.

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

Place : Dharamshala
Dated : 04.11.2022

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL UNIVERSITY AT DHARAMSHALA, DISTRICT KANGRA (H.P.)

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"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 64.2016 ha. of forest area to be diverted for the construction of Central University North Campus at Dharamshala in District Kangra H.P.

3. Detail of degraded forest land :

District Kangra, Tehsil Dharamshala, Division Dharamshala.	Malan Range, Block/Comptt. Narwana	No.	Dhar	Area to be Afforested – 22.5 HA
Total				22.5 HA

4. 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	22.5 Hac.	102375	2303440
1 st Year	22.5 Hac.	14720	331200
2 nd Year	22.5 Hac.	9880	222300
3 rd Year	22.5 Hac.	5050	113625
4 th Year	22.5 Hac.	5050	113625
5 th Year	22.5 Hac.	5050	113625
6 th Year	22.5 Hac.	5050	113625
7 th Year	22.5 Hac.	5050	113625
8 th Year	22.5 Hac.	5050	113625
9 th Year	22.5 Hac.	5050	113625
10 th Year	22.5 Hac.	5050	113625
TOTAL (Rs.)			3765940
Contingency Charges 5 %			188297
TOTAL (Rs.)			3954237
Departmental Charges 17.5 %			691991
TOTAL (Rs.)			4646228
OR SAY			Rs. 46,46,228/-

6. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Malan, Comptt. No. Dhar Narwana Area 22.5 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 : 04-11-2022

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

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL UNIVERSITY AT DHARAMSHALA, DISTRICT KANGRA (H.P.)

FILE No.

FP/HP/Others/39044/2019

Date of Proposal

Scheme for Compensatory Afforestation for 2021-22 in lieu of Diversion of 64.2016 ha of forest land for Construction of North Campus Central University at Dharamshala in District Kangra, H. P.

Village Dhar Narwana, Forest Division Dharamshala, Malan Forest Range, District Kangra, Compartment No.Dhar Narwana, Area 22.5 Hac.

Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 300/-
A	Survey, Demarcation & Fencing Cost					
1	Survey & demarcation of plantation area	ha.	1	101.00	0.67	202.00
2	Preparation/purchase of RCC Fence posts.	No.	50	358.00	0.00	17900.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km uphill/downhill.	Km/ No.	50	33.50	22.33	6700.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	906.00
5	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	716.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/ Qtl.	0.75	73.65	0.74	220.95
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	5760.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	1227.00
9	Cost of Barbed Wire	Qtl.	0.75	6510.00	0.00	4882.00
10	Nursery Cost of Plants	No.	1100	17.00	0.00	18700.00
Total - A (Survey, Demarcation & Fencing)						57213.95
or Say						57215
B	Planting Cost					
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80	7.95	2385.60
2	Digging of pits 45x45x45 cm	No.	1100	9.54	69.96	20988.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	19.95	5984.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/ No.	100	1.90	27.87	8360.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	15.99	4796.00
6	Construction of Inspection Path	Rmt.	100	11.00	7.33	2200.00
7	Cost of Sign Board, Carriage & Fixing	No.	0	LS	0	450.00
Total - B (Planting Cost)						45163.60
or Say						45160
Grand Total (A+B)						102375
1st Year Maintenance Cost (30 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	10.49	3148.20
2	Filling of Pits 45 x 45 x 45 cm	No.	330	2.72	5.98	1795.20
3	Planting of Plants raised in P/Bags	No.	330	2.18	4.80	1438.80
4	Nursery Cost of Plants	No.	330	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	8.36	2508.00
6	Repair of Fencing	Rmt.	60	1.80	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	7.00	2098.80
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	3.99	1196.80
3	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	959.20
4	Nursery Cost of Plants	No.	220	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	5.57	1672.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	216.00
Total/ 2nd Year Maintenance Cost						9882.80
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.	110	4.77	3.50	1049.40
2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	598.40
3	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	479.60
4	Nursery Cost of Plants	No.	110	17.00	0.00	1870.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	110	1.90	2.79	836.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	216.00
Total/ 1st Year Maintenance Cost						5049.40
or Say						5050

C	Survey, Demarcation & Fencing Cost					57215
D	Planting Cost					45160
E	1st year Maintenance					14720
F	2 nd year Maintenance					9880
G	3 rd year Maintenance					5050
H	4 th year Maintenance					5050
I	5 th year Maintenance					5050
J	6 th year Maintenance					5050
K	7 th year Maintenance					5050
L	8 th year Maintenance					5050
M	9 th year Maintenance					5050
N	10 th year Maintenance					5050
	Total					167375
O	Constituency Charges @ 5%					8369
	Total					175744
P	Departmental Charges @ 17.5%					30755
	Grand Total (C to P)					206499
	Total Cost of CA for 1 ha					206499

Total Cost of Plantation in 22.5 ha is Rs 206499 x 22.5 ha = Rs 46,46,228/-


Divisional Forest Officer
 Dharamshala Forest Division
 Dharamshala, District Kangra

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL UNIVERSITY AT DHARAMSHALA, DISTRICT KANGRA (H.P.)

FILE NO. : FP/HP/Others/39044/2019

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"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 64.2016 ha. of forest area to be diverted for the construction of Central University North Campus at Dharamshala in District Kangra H.P.

1. Detail of degraded forest land :

District Kangra, Tehsil Dharamshala, Division Dharamshala.	Dharamshala Range, Block/Comptt. No. CFS Khanyara	Area to be Afforested – 50 HA
Total		50 HA

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	50 Hac.	102375	5118750
1 st Year	50 Hac.	14720	736000
2 nd Year	50 Hac.	9880	494000
3 rd Year	50 Hac.	5050	252500
4 th Year	50 Hac.	5050	252500
5 th Year	50 Hac.	5050	252500
6 th Year	50 Hac.	5050	252500
7 th Year	50 Hac.	5050	252500
8 th Year	50 Hac.	5050	252500
9 th Year	50 Hac.	5050	252500
10 th Year	50 Hac.	5050	252500
TOTAL (Rs.)			8368750
Contingency Charges 5 %			418438
TOTAL (Rs.)			8787188
Departmental Charges 17.5 %			1537758
TOTAL (Rs.)			10324946
OR SAY			Rs. 1,03,24,950/-

7. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Dharamshala Comptt. No. CFS Khanyara P15 Area 50 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 : 04-11-2022

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

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL	
FILE No.	FP/HP/Others/39044/2019
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Scheme for Compensatory Afforestation for 2021-22 in lieu of Diversion of 64.2016 ha of forest land for Construction of North Campus Central University at Dharamshala in District Kangra, H. P.
Village Khanyara, Forest Division Dharamshala, Dharamshala Forest Range, District Kangra, Compartment No.CFS Khanyara P15, Area 50 Hac.


Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 300/-
A	Survey, Demarcation & Fencing Cost					
1	Survey & demarcation of plantation area	ha.	1	101.00	0.67	202.00
2	Preparation/purchase of RCC Fence posts.	No.	50	358.00	0.00	17900.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km uphill/downhill.	Km/No.	50	33.50	22.33	6700.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	0.00
5	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	0.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/Qtl.	0.75	73.65	0.74	0.00
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	0.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	0.00
9	Cost of Barbed Wire	Qtl.	0.75	6510.00	0.00	4882.00
10	Nursery Cost of Plants	No.	1100	17.00	0.00	18700.00
Total - A (Survey, Demarcation & Fencing)						48384.00
or Say						57215
B	Planting Cost					
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80	7.95	2385.60
2	Digging of pits 45x45x45 cm	No.	1100	9.54	69.96	20988.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	19.95	5984.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/No.	100	1.90	27.87	8360.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	15.99	4796.00
6	Construction of Inspection Path	Rmt.	100	11.00	7.33	0.00
7	Cost of Sign Board, Carriage & Fixing	No.	0	LS	0	450.00
Total - B (Planting Cost)						42963.60
or Say						45160
Grand Total (A+B)						102375
1st Year Maintenance Cost (30 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	10.49	3148.20
2	Filling of Pits 45 x 45 x 45 cm	No.	330	2.72	5.98	1795.20
3	Planting of Plants raised in P/Bags	No.	330	2.18	4.80	1438.80
4	Nursery Cost of Plants	No.	330	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	8.36	2508.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	0.00
Total/ 1st Year Maintenance Cost						14500.20
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	7.00	2098.80
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	3.99	1196.80
3	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	959.20
4	Nursery Cost of Plants	No.	220	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	5.57	1672.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	0.00
Total/ 2nd Year Maintenance Cost						9666.80
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.	110	4.77	3.50	1049.40
2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	598.40
3	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	479.60
4	Nursery Cost of Plants	No.	110	17.00	0.00	1870.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	110	1.90	2.79	836.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	0.00
Total/ 3rd to 10th Year Maintenance Cost						4833.40
or Say						5050

C	Survey, Demarcation & Fencing Cost					57215
D	Planting Cost					45160
E	1st year Maintenance					14720
F	2 nd year Maintenance					9880
G	3 rd year Maintenance					5050
H	4 th year Maintenance					5050
I	5 th year Maintenance					5050
J	6 th year Maintenance					5050
K	7 th year Maintenance					5050
L	8 th year Maintenance					5050
M	9 th year Maintenance					5050
N	10 th year Maintenance					5050
	Total					167375
O	Constituency Charges @ 5%					8369
	Total					175744
P	Departmental Charges @ 17.5%					30755
	Grand Total (C to P)					206499
	Total Cost of CA for 1 ha					206499

Total Cost of Plantation in 50 ha is Rs 206499 x 50 ha = Rs 1,03,24,950/-


 Divisional Forest Officer
 Forest Division
 Dharamshala Forest Division
 Dharamshala, District Kangra

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL UNIVERSITY AT DHARAMSHALA, DISTRICT KANGRA (H.P.)

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Detail scheme for Compensatory Afforestation to be carried out in lieu of 64.2016 ha. of forest area to be diverted for the construction of Central University North Campus at Dharamshala in District Kangra H.P.

3. Detail of degraded forest land :

District Kangra, Tehsil Dharamshala, Division Dharamshala.	Dharamshala Range, Block/Comptt. No. P51 K Naddi C-3B	Area to be Afforested – 25 HA
Total		25 HA

4. 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	25 Hac.	102375	2559375
1 st Year	25 Hac.	14720	368000
2 nd Year	25 Hac.	9880	247000
3 rd Year	25 Hac.	5050	126250
4 th Year	25 Hac.	5050	126250
5 th Year	25 Hac.	5050	126250
6 th Year	25 Hac.	5050	126250
7 th Year	25 Hac.	5050	126250
8 th Year	25 Hac.	5050	126250
9 th Year	25 Hac.	5050	126250
10 th Year	25 Hac.	5050	126250
Lantana Eradication	25 Hac.	37200	930000
TOTAL (Rs.)			5114375
Contingency Charges 5 %			255719
TOTAL (Rs.)			5370094
Departmental Charges 17.5 %			939766
TOTAL (Rs.)			6309860
OR SAY			Rs. 63,09,875/-

8. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Dharamshala Comptt. No. CFS Khanyara P15 Area 25 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.

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

Place : Dharamshala
 Dated : 04-11-2022

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL UNIVERSITY AT DHARAMSHALA, DISTRICT KANGRA (H.P.)

FILE No.

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Date of Proposal

Scheme for Compensatory Afforestation for 2021-22 in lieu of Diversion of 64.2016 ha of forest land for Construction of North Campus Central University at Dharamshala in District Kangra, H. P.

Village Khanyara, Forest Division Dharamshala, Dharamshala Forest Range, District Kangra, Compartment No. 51 K Naddi C-3B, Area 25 Hac.

Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs. 150/-	Mandays Involved	Amount at wage rate of Rs. 300/-
A	Survey, Demarcation & Fencing Cost					
1	Survey & demarcation of plantation area	ha.	1	101.00	0.67	202.00
2	Preparation/purchase of RCC Fence posts.	No.	50	358.00	0.00	17900.00
3	Carriage of RCC Fence posts up to 165 cm long over distance 2 Km uphill/downhill.	Km/No.	50	33.50	22.33	6700.00
4	Preparation/digging of holes of 20x30x50 cm size	No.	50	9.06	3.02	906.00
5	Fixing of RCC fence posts including strutting.	No.	50	7.16	2.39	716.00
6	Carriage of Barbed wire over distance 2 Km. uphill / downhill	Km/Qtl.	0.75	73.65	0.74	220.95
7	Stretching & fixing of barbed wire in 4 strands	Rmt.	600	4.80	19.20	5760.00
8	Interlacing of Thorny bushes along the fence	Rmt.	150	4.09	4.09	1227.00
9	Cost of Barbed Wire	Qtl.	0.75	6510.00	0.00	4882.00
10	Nursery Cost of Plants	No.	1100	17.00	0.00	18700.00
Total - A (Survey, Demarcation & Fencing)						57213.95
or Say						57215
B	Planting Cost					
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80	7.95	2385.60
2	Digging of pits 45x45x45 cm	No.	1100	9.54	69.96	20988.00
3	Filling of pits 45x45x45 cm.	No.	1100	2.72	19.95	5984.00
4	Carriage of plants in P/bags over distance 2 km. uphill.	Km/No.	100	1.90	27.87	8360.00
5	Planting of entire plant raised in P.bags.	No.	1100	2.18	15.99	4796.00
6	Construction of Inspection Path	Rmt.	100	11.00	7.33	2200.00
7	Cost of Sign Board, Carriage & Fixing	No.	0	LS	0	450.00
Total - B (Planting Cost)						45163.60
or Say						45160
Grand Total (A+B)						102375
1st Year Maintenance Cost (30 % Beating Up):						
1	Re-digging of Pits 45 x 45 x 45 cm	No.	330	4.77	10.49	3148.20
2	Filling of Pits 45 x 45 x 45 cm	No.	330	2.72	5.98	1795.20
3	Planting of Plants raised in P/Bags	No.	330	2.18	4.80	1438.80
4	Nursery Cost of Plants	No.	330	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	8.36	2508.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	216.00
Total/ 1st Year Maintenance 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	7.00	2098.80
2	Filling of Pits 45 x 45 x 45 cm	No.	220	2.72	3.99	1196.80
3	Planting of Plants raised in P/Bags	No.	220	2.18	3.20	959.20
4	Nursery Cost of Plants	No.	220	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	5.57	1672.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	216.00
Total/ 2nd Year Mentenance Cost						9882.80
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.	110	4.77	3.50	1049.40
2	Filling of Pits 45 x 45 x 45 cm	No.	110	2.72	1.99	598.40
3	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	479.60
4	Nursery Cost of Plants	No.	110	17.00	0.00	1870.00
5	Carriage of Plants in P/Bags over a distance of 2 Km uphill/ downhill	Km/ No.	110	1.90	2.79	836.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	216.00
Total/ 3rd to 10th Year Mentenance Cost						5049.40
or Say						5050

C	Survey, Demarcation & Fencing Cost					57215
D	Planting Cost					45160
E	1st year Maintenance					14720
F	2 nd year Maintenance					9880
G	3 rd year Maintenance					5050
H	4 th year Maintenance					5050
I	5 th year Maintenance					5050
J	6 th year Maintenance					5050
K	7 th year Maintenance					5050
L	8 th year Maintenance					5050
M	9 th year Maintenance					5050
N	10 th year Maintenance					5050
O	Clearing of Lantana Infested Areas (With 3 Year Maintenance)					37200
	Total					204575
O	Constituency Charges @ 5%					10229
	Total					214804
P	Departmental Charges @ 17.5%					37591
	Grand Total (C to P)					252395
	Total Cost of CA for 1 ha					252395

Total Cost of Plantation in 25 ha is Rs 252395 x 25 ha = Rs 63,09,875/-

Divisional Forest Officer
Dharamshala District Kangra
Ramshala

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES

NORM FOR CLEARING OF AREAS INFESTED UP TO 50 %					
in Non Tribal Areas for 2021-22 w.e.f. 01.04.2021					
Sr. No.	Particulars of Work Fencing	Qty	Unit	Amount @ Rs. 275/-	Amount @ Rs. 300/-
YEAR - I					
1	Survey and Demarcation of Plantation Area l/c marking of Sections, Path and preparation of Map	0	Mandays / per Hac.	0	0
2	Cutting / removal / disposal of lantana (Cut Root Stock Method)	67.66		18606.5	20298
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		847	924
4	Cleaning of lantana (sprouts) and seedlings one time after one cut	4		1100	1200
5	Tending Operations	1.15		316.25	345
6	Cost of Seed	1	Kg / Hac.	1050.3573	1144.89
Total				21920.11	23911.89
7	Contingency @ 5% of Total Cost			1096.01	1195.59
Grand Total				23016.11	25107.48
Or Say				23000	25100
Norm for 1st MAINTENANCE OF CLEARED AREAS INFESTED UPTO 50%					
in Non Tribal Areas for 2021-22					
YEAR - II					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays / per Hac.	847	924
2	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the Year	12		3300	3600
3	Cost of Seed	1	Kg / Hac.	1050.3573	1144.88941
4	Tending Operations	1.15	Mandays /	316.25	345
Total				5513.61	6013.89
Or Say				5500	6010
Norm for 2nd MAINTENANCE OF CLEARED AREAS INFESTED UPTO 50%					
in Non Tribal Areas for 2021-22					
YEAR - III					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the Year	9	Mandays / per Hac.	2475	2700
2	Tending Operations	1.15		316.25	345
Total				2791.25	3045
Or Say				2800	3045
Norm for 3rd MAINTENANCE OF CLEARED AREAS INFESTED UPTO 50%					
in Non Tribal Areas for 2021-22					
YEAR - IV					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the Year	9	Mandays / per Hac.	2475	2700
2	Tending Operations	1.15		316.25	345
Total				2791.25	3045
Or Say				2800	3045
Total Cost including Maintenance for 1 Hac.				34100	37200

Divisional Forest Officer
Forest Division
Dharamchala

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL UNIVERSITY AT DHARAMSHALA, DISTRICT KANGRA (H.P.)

FILE NO. : FP/HP/Others/39044/2019

DATE OF PROPOSAL :

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

Detail scheme for Compensatory Afforestation to be carried out in lieu of 64.2016 ha. of forest area to be diverted for the construction of Central University North Campus at Dharamshala in District Kangra H.P.

1. Detail of degraded forest land :

District Kangra, Tehsil Shahpur, Division Dharamshala.	Shahpur Range, Block/Comptt. No. UP Lam I	Area to be Afforested – 31 HA
Total		31 HA

5. 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	31 Hac.	102375	3173628
1 st Year	31 Hac.	14720	456320
2 nd Year	31 Hac.	9880	306280
3 rd Year	31 Hac.	5050	156550
4 th Year	31 Hac.	5050	156550
5 th Year	31 Hac.	5050	156550
6 th Year	31 Hac.	5050	156550
7 th Year	31 Hac.	5050	156550
8 th Year	31 Hac.	5050	156550
9 th Year	31 Hac.	5050	156550
10 th Year	31 Hac.	5050	156550
TOTAL (Rs.)			5188628
Contingency Charges 5 %			259431
TOTAL (Rs.)			5448059
Departmental Charges 17.5 %			953410
TOTAL (Rs.)			6401469
OR SAY			Rs. 64,01,469/-

9. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Shahpur Comptt. No. UP Lam I Area 31 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 : 04-11-2022

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

DIVERSION OF 64.2016 HA. OF FOREST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL UNIVERSITY AT DHARAMSHALA, DISTRICT KANGRA (H.P.)

FILE No.

FP/HP/Others/39044/2019

Date of Proposal

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J	6 th year Maintenance					5050
K	7 th year Maintenance					5050
L	8 th year Maintenance					5050
M	9 th year Maintenance					5050
N	10 th year Maintenance					5050
	Total					167375
O	Constituency Charges @ 5%					8369
	Total					175744
P	Departmental Charges @ 17.5%					30755
	Grand Total (C to P)					206499
	Total Cost of CA for 1 ha					206499

Total Cost of Plantation in 31 ha is Rs 206499 x 31 ha = Rs 64,01,469/-

Divisional Forest Officer
Forest Division
Charamshah District Kangra