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.

#### Detail of degraded forest land: 1.

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.

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	
1 <sup>st</sup> Year	128.5 Hac.	14720	13155188
2 <sup>nd</sup> Year	128.5 Hac.		1891520
3 <sup>rd</sup> Year	128.5 Hac.	9880	1269580
4 <sup>th</sup> Year	128.5 Hac.	5050	648925
5 <sup>th</sup> Year		5050	648925
6 <sup>th</sup> Year	128.5 Hac.	5050	648925
7 <sup>th</sup> Year	128.5 Hac.	5050	648925
	128.5 Hac.	5050	648925
8 <sup>th</sup> Year	128.5 Hac.	5050	648925
9 <sup>th</sup> Year	128.5 Hac.	5050	648925
10 <sup>th</sup> Year	128.5 Hac.	5050	648925
Lantana Eradication in 25 ha	25 Hac.	37200	930000
TOTAL (Rs.)		3,200	
Contingency Charges 5 %			22437688
TOTAL (Rs.)			1121884
Departmental Charges 17.5 %	L		23559572
TOTAL (Rs.)			4122925
TOTAL (NS.)			27682497
		OR SAY	Rs. 2,76,82,522/-

## Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in			
	22	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.)				
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: 84-11-2022

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

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.

#### Detail of degraded forest land: 3.

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.

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 <sup>st</sup> Year	22.5 Hac.	14720	331200
2 <sup>nd</sup> Year	22.5 Hac.	9880	222300
3 <sup>rd</sup> Year	22.5 Hac.	5050	113625
4 <sup>th</sup> Year	22.5 Hac.	5050	113625
5 <sup>th</sup> Year	22.5 Hac.	5050	113625
6 <sup>th</sup> Year	22.5 Hac.	5050	113625
7 <sup>th</sup> Year	22.5 Hac.	5050	113625
8 <sup>th</sup> Year	22.5 Hac.	5050	113625
9 <sup>th</sup> Year	22.5 Hac.	5050	113625
10 <sup>th</sup> Year	22.5 Hac.	5050	113625
TOTAL (Rs.)		3030	3765940
Contingency Charg	ges 5 %		
TOTAL (Rs.)			188297
Departmental Char	rges 17 5 %		3954237
TOTAL (Rs.)	.503 17.3 70		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	
C		check dam	
f.	Protection (Fencing, Watch man, People's	Fencing, Watch man, People's Participation	
	Participation etc.)	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.	
and the same			

Place: Dharamshala
Dated: 04-11-222

Dr. Sanjeev Sharma (HPFS)

Divisionant Energy Officer
Forest Division

Diagramshalla

FILE No.

FP/HP/Others/39044/2019

Date of Proposal

Scheme for Compenstoy 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	Mandays Involved	Amount at wage rate of
				wage rate of Rs. 150/-	e ês	Rs. 300/-
Α	Survey, Demarcation & Fencing Cost			130/-		
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
	Т	otal - A	(Survey	Demarcatio	n & Fencing)	57213.95
					or Say	57215
В	Planting Cost			g. (800 to 100 t		
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 (Pla	anting Cost)	45163.60
					or Say	45160
				Grand	Total (A+B)	102375
1	1st Year Maintenance Co			The state of the s		
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 x45 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
		- To	otal/ 1s	Year Mente	nance Cost	14716.20
					or Say	14720

	2nd Year Maintenance	Cost (20	% Beatir	ng 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 x45 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
		1	otal/ 2r	d Year Mente	enance Cost	9882.80
					or Say	9880
	3rd Year to 10th Year Mainter	ance Cos	t (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 x45 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/ 1	st Year Mente	nance Cost	5049.40
					or Say	5050
С	Supra Danieli O. 5					
D	Survey, Demarcation & Fencing Cost			1		57215
	Planting Cost					45160
E	lst year Maintenance					14720
F	2 <sup>nd</sup> year Maintenance					9880
G	3 <sup>rd</sup> year Maintenance					5050
Н	4 <sup>th</sup> year Maintenance					5050
ı	5 <sup>th</sup> year Maintenance					5050
J	6 <sup>th</sup> year Maintenance					5050
K	7 <sup>th</sup> year Maintenance			21/24/23/2		5050
L	8 <sup>th</sup> year Maintenance					5050
М	9 <sup>th</sup> year Maintenance					5050
N	10 <sup>th</sup> year Maintenance					5050
	Total					167375
0	Constituency Charges @ 5%					8369
	Total				Sheer on	175744
Р	Departmental Charges @ 17.5%					30755
	Grand Total (C to P)	1 1			74.75 (Fig. 1)	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 Foresti Officer Foresti Division Division Division Division

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.	Dharamshala Range, Block/Comptt. No. ( 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.

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
1st Year	50 Hac.	14720	736000
2 <sup>nd</sup> Year	50 Hac.	9880	494000
3 <sup>rd</sup> Year	50 Hac.	5050	252500
4 <sup>th</sup> Year	50 Hac.	5050	252500
5 <sup>th</sup> Year	50 Hac.	5050	252500
6 <sup>th</sup> Year	50 Hac.	5050	252500
7 <sup>th</sup> Year	50 Hac.	5050	252500
8 <sup>th</sup> Year	50 Hac.	5050	252500
9th Year	50 Hac.	5050	
10th Year	50 Hac.	5050	252500
TOTAL (Rs.)		3030	252500
Contingency Char	ges 5 %		8368750
TOTAL (Rs.)	503 5 70		418438
			8787188
Departmental Char			1537758
TOTAL (Rs.)			10324946
-	1,	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	Fencing, Watch man, People's Participation
	Participation etc.)	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 : סן-וו-20 Dr. Sanjeev Sharma (HPFS)

Divisional forests Off filer

Forest Division

Diagrams files

DIVERSION OF 64.2016 HA. OF FOR	EST LAND FOR CONSTRUCTION OF NORTH CAMPUS CENTRAL
FILE No.	FP/HP/Others/39044/2019
Date of Proposal	

Scheme for Compenstoy 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.	Particulars of work	Unit	Qty.	Rate per	Mandays	Amount at
No.	п			Unit at	Involved	wage rate of
	•			wage rate		Rs. 300/-
				of Rs.		3 8
	An and a graph of the	1000		150/-		F 9 2 34.
Α	Survey, Demarcation & Fencing Cost	1				
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	Km/	50	22.50	22.22	6700 0
	distance 2 Km uphill/downhill.	No.	30	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 /	Km/	0.75	72.00	0.74	0.00
	downhill	Qtl.	0.73	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
-		otal - A	(Survey	, Demarcatio	n & Fencing)	48384.00
					or Say	57215
В	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 B/harman distance 2 least 111	Km/	400			
-	Carriage of plants in P/bags over distance 2 km. uphill.	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 (P	lanting Cost)	42963.60
					or Say	45160
			•	Grand	Total (A+B)	102375
	1st Year Maintenance Co	st (30 %	Beating			
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 x45 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	Km/				
	uphill/ downhill	No.	330	1.90	8.36	2508.00
6	Repair of Fencing	Rmt.	60	1.80	0.72	0.00
	*			st Year Ment		14500.20
					or Say	14720

	2nd Year Maintenance	Cost (20 S	% Beatir	ıg 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 x45 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/ 2	nd Year Ment	enance Cost	9666.80
					or Say	9880
	3rd Year to 10th Year Mainten	ance Cos	st (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 x45 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/ 3	rd to 10	th Year Ment	enance Cost	4833.40
					or Say	5050
С	Survey, Demarcation & Fencing Cost					57215
D	Planting Cost					45160
E	Ist year Maintenance					14720
F	2 <sup>nd</sup> year Maintenance					9880
G	3 <sup>rd</sup> year Maintenance					5050
Н	4 <sup>th</sup> year Maintenance				2	5050
1	5 <sup>th</sup> year Maintenance					5050
J	6 <sup>th</sup> year Maintenance					5050
K	7 <sup>th</sup> year Maintenance					5050
L	8 <sup>th</sup> year Maintenance					5050
М	9 <sup>th</sup> year Maintenance					5050
Ν	10 <sup>th</sup> year Maintenance					5050
	Total					167375
0	Constituency Charges @ 5%	1				8369
	Total	1 1				175744
Р	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/-

Division of Forest Officer

Forest Officer

Forest Officer

Forest Division

Dhatashill, District Kangra

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.

#### 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.

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

		OR SAY	Rs. 63,09,875/-
TOTAL (Rs.)	2. 3		6309860
Departmental Charges	S 17.5 %		939766
TOTAL (Rs.)	17.50/		5370094
Contingency Charges	3 %		255719
Contingency Change	5.0/		5114375
Lantana Eradication	25 Hac.	37200	930000
	25 Hac.	5050	126250
10 <sup>th</sup> Year	25 Hac.	5050	126250
9 <sup>th</sup> Year	25 Hac.	5050	126250
8 <sup>th</sup> Year	25 Hac.	5050	126250
7 <sup>th</sup> Year	25 Hac.	5050	126250
6 <sup>th</sup> Year	25 Hac.	5050	126250
4 <sup>th</sup> Year 5 <sup>th</sup> Year	25 Hac.	5050	126250
3 <sup>rd</sup> Year	25 Hac.	5050	126250
2 <sup>nd</sup> Year	25 Hac.	9880	247000
1 <sup>st</sup> Year	25 Hac.	14720	
0 Year	25 Hac.	102375	2559375
YEAR	AREA	RATE / ha (in Rs.)	TOTAL AMOUNT

#### 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.

Place: Dharamshala
Dated: 04-11-2022

Dr. Sanjeev Sharma (HPFS)

Divisional Horest Officer

Drawn Division

Pharamshaia

FILE No.

FP/HP/Others/39044/2019

**Date of Proposal** 

Scheme for Compenstoy 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.

6	D. II. I					
Sr. No.	Particulars of work	Unit	Qty.	Rate per Unit at wage rate of Rs.	Mandays Involved	Amount at wage rate of Rs. 300/-
Α	Supray Democratica 0.5			150/-		
10000	Survey, Demarcation & Fencing Cost					
2	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	, Demarcatio	n & Fencing)	57213.95
					or Say	57215
В	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 (Pl	anting Cost)	45163.60
		KIN TO THE THE THE THE THE			or Say	45160
			= 45	Grand	Total (A+B)	102375
	1st Year Maintenance Co	st (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 x45 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
				t Year Mente		14716.20
0					or Say	14720

	2nd Year Maintenance	Cost (20 '	% Beatin	g 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 x45 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/ 2r	nd Year Mente	enance Cost	9882.80
					or Say	9880
	3rd Year to 10th Year Mainter	ance Cos	st (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 x45 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/ 3	rd to 10t	h Year Mente	nance Cost	5049.40
					or Say	5050
				82		
C	Survey, Demarcation & Fencing Cost				0.2	57215
D	Planting Cost					45160
E	Ist year Maintenance					14720
F	2 <sup>nd</sup> year Maintenance				8 D	9880
G	3 <sup>rd</sup> year Maintenance		- 2			5050
Н	4 <sup>th</sup> year Maintenance				10.00	5050
1	5 <sup>th</sup> year Maintenance					5050
J	6 <sup>th</sup> year Maintenance					5050
K	7 <sup>th</sup> year Maintenance					5050
L	8 <sup>th</sup> year Maintenance					5050
М	9 <sup>th</sup> year Maintenance					5050
N	10 <sup>th</sup> year Maintenance		-		i wasan in an	5050
0	Clearing of Lantana Infested Areas (With 3 Year Mainte	nance)				37200
	Total	T				204575
						10229
0	Constituency Charges @ 5%					TUZZJ
0		1				
O P	Constituency Charges @ 5%  Total  Departmental Charges @ 17.5%					214804
	Total					

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

Divisional Forest Officer
DIXIS A Dall Forest Officer
Forest Division of the Kangra
Framshala

### REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES

	NORM FOR CLEARING OF AREAS			%	
c	in Non Tribal Areas for 2021-2			1	
Sr. No.	Particulars of Work Fencing	Qnty	Unit	Amount @ Rs. 275/-	Amount @ Rs. 300/-
	,		-		
_	YEAR - I				
1	Survey and Demarcation of Plantation Area I/c marking of Sections, Path and preparation of Map	0		0	(
2	Cutting / removal / disposal of lantana (Cut Root Stock Method)	67.66	Mandays	18606.5	20298
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	/ per Hac.	847	924
4	Cleaning of lantana (sprouts) and seadlings 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 CLEARE	D AREAS	INFESTED L	JPTO 50%	
	in Non Tribal Areas fo	or 2021-2	2		
	YEAR - II				
1	Broadcast sowing of grass seed including conversion	3.08		847	924
	into pellets in plantation area		Mandays		
2	Cleaning of lantana (sprouts) and seadlings, 3 times	12	/ per Hac.	3300	3600
	throughout the Year				
	Cost of Seed	-	Kg / Hac.	1050.3573	1144.88941
4	Tending Operations	1.15	Mandays /	316.25	345
	Total			5513.61	6013.89
	Or Say			5500	6010
	Nowe for 2nd MAINTENANCE OF CLEADS	D ADEAC	INICICATED	IDTO 500/	
	Norm for 2nd MAINTENANCE OF CLEARE in Non Tribal Areas fo			JP10 50%	
	YEAR - III	1 2021 2			
1	Cleaning of lantana (sprouts) and seadlings, 3 times throughout the Year	9	Mandays	2475	2700
	Tending Operations	1.15	/ per Hac.	316.25	345
	Total			2791.25	3045
	Or Say	<del></del>		2800	3045
	Norm for 3rd MAINTENANCE OF CLEARED	AREAS	INFESTED U	IPTO 50%	-
	in Non Tribal Areas fo			9.	
	YEAR - IV				
. 1	Cleaning of lantana (sprouts) and seadlings, 3 times throughout the Year	9	Mandays	2475	2700
	Tending Operations	1.15	/ per Hac.	316.25	. 345
	Total			2791.25	3045
	10[a]		- 1	2/71.201	
	Or Say			2800	3045

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.

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

		OR SAY	Rs. 64,01,469/-
TOTAL (Rs.)			6401469
Departmental Char	ges 17.5 %		953410
TOTAL (Rs.)			5448059
Contingency Charge	ges 5 %		259431
TOTAL (Rs.)	5.04		5188628
10 <sup>th</sup> Year	31 Hac.	5050	156550
	31 Hac.	5050	156550
9 <sup>th</sup> Year	31 Hac.	5050	156550
8 <sup>th</sup> Year	31 Hac.	5050	156550
7 <sup>th</sup> Year	31 Hac.	5050	156550
6 <sup>th</sup> Year	31 Hac.	5050	156550
5 <sup>th</sup> Year	31 Hac.	5050	156550
3 <sup>rd</sup> Year 4 <sup>th</sup> Year	31 Hac.	- 5050	156550
2 <sup>nd</sup> Year	31 Hac.	9880	306280
1 <sup>st</sup> Year	31 Hac.	14720	456320
0 Year	31 Hac.	102375	3173628
YEAR	AREA	RATE / ha (in Rs.)	TOTAL AMOUNT

#### 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: 04-11-10-12

Dr. Sanjeev Sharma (HPFS)

Divisional Forest Officer

Ednest Division Dharamshala

FILE No.

Date of Proposal

FP/HP/Others/39044/2019

Scheme for Compenstoy 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 Lam, Forest Division Dharamshala, Shahpur Forest Range, District Kangra, Compartment No. UP Lam
I, Area 31 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/-
Α	Survey, Demarcation & Fencing Cost			2307	e	-
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	, Demarcatio	n & Fencing)	57213.95
					or Say	57215
В	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 (Pl	anting Cost)	45163.60
	,	2			or Say	45160
				Grand	Total (A+B)	102375
	1st Year Maintenance Co	st (30 %	Beating	Up):		
	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 x45 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
	A control of the cont	T	otal/ 1s	t Year Mente	enance Cost	14716.20
n,					or Say	14720

	2nd Year Maintenance	Cost (20	% Beatin	g 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 x45 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/ 2n	d Year Ment	enance Cost	9882.80
					or Say	9880
1	3rd Year to 10th Year Mainter	nance Cos	t (10 % E	Beating Up):	•	
	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 x45 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
5	Nursery Cost of Plants	No.	110	17.00	0.00	1870.00
	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
		3	Total/ 1s	t Year Mente	nance Cost	5049.40
					or Say	5050
С	Survey, Demarcation & Fencing Cost					57215
<u>D</u>	Planting Cost					45160
E	Ist year Maintenance					14720
F	2 <sup>nd</sup> year Maintenance				2 22 2	9880
G	3 <sup>rd</sup> year Maintenance					5050
Н	4 <sup>th</sup> year Maintenance		1+3-7			5050
1.	5 <sup>th</sup> year Maintenance					5050
J	6 <sup>th</sup> year Maintenance					5050
K	7 <sup>th</sup> year Maintenance	1 1				
L.	8 <sup>th</sup> year Maintenance					5050
М	9 <sup>th</sup> year Maintenance	1				5050
N	10 <sup>th</sup> year Maintenance					5050
	Total	+			**	5050
0	Constituency Charges @ 5%	1				167375
	Total	1				8369
Р	Departmental Charges @ 17.5%	1 1				<b>175744</b> 30755
						30/33
	Grand Total (C to P)		1.0			206499

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

Divisional of Steel Cofficer
Foresto Division
Coharamshalas District Kangra