

CHECK LIST No. 18

Full Title of the Project:-

Diversion of 0.1739 ha of forest land in favour of Commandant Home Guards 7th Battalion Kullu (H.P.) for the construction of Home Guard 7/4 Company office Banjar/Fire Post Banjar within the jurisdiction of Seraj Forest Division, Distt. Kullu, Himachal Pradesh.

File No: FP/HP/Other/145712/2021

Date of Proposal

CHECK LIST SERIAL NUMBER-18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme of CA be carried out in lieu of 0.1739 ha of Forest area to be diverted for the C/O Home Guard 7/4 Company office Banjar/Fire Post Banjar, In Kullu Distt. H.P.

1. Details of degraded forest land/non-forest land:-

District Kullu village Bhumar (Bhumar Gaad) Tehsil: Banjar

Name of Forest Division:- Seraj, Range:- Banjar

Block/Compartment/Survey No. :- Banjar/Bhumar Gaad/53 E/06/SW to be Afforested
0.3478 ha. (Land Bank)

2. Description of Area:-

- i. Whether the site selected for Compensatory Afforestation is a land Bank or Not:- **Land Bank.**
- ii. If the CA site is other than the land bank, reasons be given:- **NA**
- iii. In case of non-forest area identified of CA, then what is the distance of CA site from the adjoining Forest boundary:- **N.A.**
- iv. **Soil type:- Clayey Loam.**
 - i. Topography:-
 - ii. Hilly/undulating/Plain= **Hilly-Undulating**
 - iii. Slope: Steep/Medium/Gentle = **Steep to medium**
 - iv. Whether the area is bearing any root stock of vegetation: **Only few bush growths**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing Component-wise physical and financial break up to be enclosed.

4. Schedule of Plantation Programme:-

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

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ABSTRACT		
Detail of year wise break up of requirement of funds is as under:-		
	Year	Total Amount
A	New Plantation	72570
	Total (A)	72570
B	Maintenance	5225
	1st Year Maintenance	4180
	2nd Year Maintenance	3125
	3rd Year Maintenance	3000
	4th Year Maintenance	3000
	5th Year Maintenance	3000
	6th Year Maintenance	3000
	7th Year Maintenance	3000
	8th Year Maintenance	3000
	9th Year Maintenance	3000
	10th Year Maintenance	3000
	TOTAL (B)=	33530
	Total (A+B) =	106100
C	Add contingencies @ 5% of total cost.	5305
	Total	111405
D	Add Departmental Charges @ 17.5% on the total cost	19495.875
	Grand Total	130900.88
	Or Say	130900

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1. Technical Detail:-

Technical details of Compensatory afforestation Scheme are as follows:-

a	General Details	Area for Compensatory Afforestation in Shikari Beat, Banjar Block, Banjar Range in, Bhumar Gaad to be Afforested 0.3478 Ha.
b	Spacing	3mx3m
c	Species	Site specific species OBL, Ban Oak, Deodar, Fir/Spruce etc.
d	Plantation method	By pits 60*60*60 cm
e	Protection (Fencing watch man, People's participation etc.)	Through people participation, Forest Guard etc, and fencing 5 Stand B/Wire interlacing with thorny bushes.
f	Proposed Monitoring Mechanism: Manually:	Proper inspection of the area by field Staff & Officers of the Department as per mandatory Field inspection protocol
g	Any other information:	NA

Place : Banjar

Dated:-

Divisional Forest Officer
Seraj Forest Division, Banjar
Banjar
Gadjar

File No- FP/HP/Others/145712/2021

Site Specific Compensatory Afforestation Scheme for Planting of Tall plants for the Diversion of 0.1739 ha of forest land in favour of Commandant Home Guards 7th Battalion Kullu (H.P.) for the construction of Home Guards 7/4 Company Office banjar/Fire Post Banjar within the jurisdiction of Seraj Forest Division, District Kullu, H.P.

A Fencing & Planting					
Sr. No.	Description of work	Quantity	Unit	Rate	Amount (N/T) (in ha)
1	Survey and demarcation of plantation area	0.3478	Ha	101	35.1278
2	Bush Cutting in strips	0.3478	Ha	1192.8	0.12096484
3	Collection of debris and burning	0.3478	Ha	681.8	86.95
4	Preparation of inspection path 60 cm wide	250	m	11	2750
5	Digging of pits 60cmx60cmx60cm	200	No	1745%	3490
6	Filling of pits 60cmx60cmx60cm	200	No	254%	508
7	Carriage of Tall plants from nursery to nearest	200	LS		3000
8	Carriage of Tall plants in poly bags from road	200	Nos	1476%	2952
9	Planting of tall plants i/c ramming	200	No	654.30%	1308.6
10	Cost of RCC fence posts	60	No	450	27000
11	Carriage of RCC Fence post	60	No	L/S	5000
12	Fixing of RCC posts i/c strutting	60	No	696.35%	417.81
13	Stretching and fixing of barbed wire with U-staple in four strands	585	Rmt	4.8	2808
14	Interlacing of thorny bushes with barbed wire	195	Rmt	4	780
15	Cost of barbed wire	0.084	MT	65100	5468.4
16	Cost of U-Staple	0.001	MT	64000	64
17	Carriage of B/wire from depot to nearest road			L/s	500
18	Carriage of B/wire manually from roadside to			98.2/km/	176.76
19	Mulching of plants	200	No	84.80%	169.6
20	Irrigation as per need/photography/Geo-		L/s		1300
21	Cost of Tall Plant	200	Nos	6376.00%	12752
22	Plantation display board/Sign board i/c fixing		L/s		2000
	Total (1 to 22) =				72567.36876
	G Total (A-Fencing & Planting/200 tall plants)=			Or say	72570
B Maintenance					
1ST YEAR MAINTENANCE - (20% beating up of failures)					
1	Re-Digging of Pits 60*60*60 cm	40	Nos	1745%	698
2	Filling of Pits 60*60*60 cms	40	Nos	254%	101.6
3	Carriage of Tall plants from nursery to nearest	40	LS		422
4	Carriage of Tall plants in poly bags from road	40	Nos	1476%	590.4
5	Planting of Tall plants in pits i/c remming	40	Nos	654.30%	261.72
6	Cost of Tall plants raised in Departmental	40	Nos	6376%	2550.4
7	Repair of Fencing	25	Rmt	240%	600
	Total				5224.12
	Or say				5225
2 nd YEAR MAINTENANCE - (15% beating up of failures)					
1	Re-Digging of Pits 60*60*60 cm	30	Nos	1745%	523.5
2	Filling of Pits 60*60*60 cms	30	Nos	254%	76.2
3	Carriage of Tall plants from nursery to nearest	30	LS		422
4	Carriage of Tall plants in poly bags from road	30	Nos	1476%	442.8
5	Planting of Tall plants in pits i/c remming	30	Nos	654.30%	196.29

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6	Cost of Tall plants raised in Departmental	30	Nos	6376%	1912.8
7	Repair of Fencing etc	25	Rmt	240%	600
	Total				4173.59
	Or say				4180
	3rd YEAR MAINTENANCE - (10% beating up of failures)				
1	Re-Digging of Pits 60*60*60 cm	20	Nos	1745%	349
2	Filling of Pits 60*60*60 cms	20	Nos	254%	50.8
3	Carriage of Tall plants from nursery to nearest	20	LS		422
4	Carriage of Tall plants in poly bags from road	20	Nos	1476%	295.2
5	Planting of Tall plants in pits i/c remming	20	Nos	654.30%	130.86
6	Cost of Tall plants raised in Departmental	20	Nos	6376%	1275.2
7	Repair of Fencing etc	25	Rmt	240%	600
	Total				3123.06
	Or say				3125
	4th YEAR MAINTENANCE			L/s	3000
	5th YEAR MAINTENANCE			L/s	3000
	6th YEAR MAINTENANCE			L/s	3000
	7th YEAR MAINTENANCE			L/s	3000
	8th YEAR MAINTENANCE			L/s	3000
	9th YEAR MAINTENANCE			L/s	3000
	10th YEAR MAINTENANCE			L/s	3000
	Grand Total			L/s	3000
					106,100

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	TOTAL (B)=	33530
	Total (A+B) =	106100
C	Add contingencies @ 5% of total cost.	5305
	Total	111405
D	Add Departmental Charges @ 17.5% on the total cost	19495.88
	Grand Total	130900.9
	Or Say	130900

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(Approved)

Conservator of Forests
Kullu Forest Circle Kullu

Divisional Forest Officer
Seraj Forest Division
Banjar