

Full Title of the Project:- *Diversion of 4.90 ha of forest land in favour of Executive Engineer HPPWD Banjar Distt Kullu (H.P.) for the construction of Tatta Pani to Khun Sulhanu Dhar road within the jurisdiction of Seraj Forest Division, Distt. Kullu, Himachal Pradesh.*

File No: FP/HP/Road/150507/2021

Date of Proposal

CHECK LIST SERIAL NUMBER-18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detailed scheme of CA be carried out in lieu of 4.90 ha of Forest area to be diverted for the C/o Tatta Pani to Khun Sulhanu Dhar Distt. Kullu H.P.

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

District Kullu village 30 Jalora Tehsil: Banjar

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

Block/Compartment/Survey No. :- Banjar/30 Jalora/53E/6 to be Afforested 9.80 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.

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4. Schedule of Plantation Programme:-

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

ABSTRACT				
A	New Plantation	9.8	84200	825160
	1st Year Maintenance	9.8	22050	216090
	2nd Year Maintenance	9.8	22100	216580
	3rd Year Maintenance	9.8	22100	216580
	4th Year Maintenance	9.8	22100	216580
	5th Year Maintenance	9.8	22100	216580
	6th Year Maintenance	9.8	22100	216580
	7th Year Maintenance	9.8	22100	216580
	8th Year Maintenance	9.8	22100	216580
	9th Year Maintenance	9.8	22100	216580
	10th Year Maintenance	9.8	22100	216580
	TOTAL COST (1.68 ha)		305150	2990470
B	Add contingencies @ 5% of total cost.			149523.5
	Total (A+B)			3139994
	Add Departmental charges @ 17.5% on total cost.			549498.9
	Grand Total			3689492

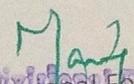
1. Technical Detail:-

Technical details of Compensatory afforestation Scheme are as follows:-

a	General Details	Area for Compensatory Afforestation in Sojha Beat, Banjar Block, Banjar Range in, 30 Jalora to be Afforested 9.80 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:-

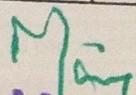

 Divisional Forest Officer
 Banjar Forest Division, Banjar

FILE No : FP/HP/Road/150507/2021 Site Specific Compensatory Afforestation Plantation Scheme for Planting of 1100 Plants (in 4.90 ha) for the Diversion of Forest land Area .9.80 ha for the C/o Tatta Pani to Khun Saihanu Dhar road under Seraj Forest Division Distt. Kullu.						
Sr. No.	Particulars of work	Unit	Quantity	Rate per unit at the wage rate of Rs 150/-	Norm at the wage rate of Rs 350/- for Non-Tribal areas	Amount (Rs)
A FENCING COST						
1	Survey and demarcation of plantation area	ha	1	101	235.00	235.00
2	Preparation/Purchase of RCC fence posts @ rate of Rs. 358 per cost	No	60	250	358.00	21480.00
3	Carriage of RCC Fence post upto 165cm long over a distance of 2 km uphill/download	Km/ No	60	33.5	67.00	8040.00
4	Preparation/Digging of holes 20-30cm dia 50 cm size	No	60	9.07	18.14	1088.40
5	Fixing of RCC fence Post i/c strutting	No.	60	7.16	14.32	859.20
6	Carriage of B/Wire over a distance of 2 Km uphill/download	KM/ Qtl	0.85	73.65	147.30	250.41
7	Stretching & Fixing of Barbed Wire in 4 strands	Rmt	720	4.8	9.60	6912.00
8	Interlacing of Thorny Bushes along the Fence	Rmt	180	4	8.00	1440.00
9	Cost of Barbed Wire	Qtl	0.9	6510	6510.00	5859.00
Total -Fencing (A) =						46164.01
Or Say						46200
B PLANTING COST						
1	Bush Cutting in Strips (3mx3m)	Ha	1	1192.8	2803.08	2803.08
2	Digging of pits 45*45*45* cm size	No	550	9.54	22.42	12330.45
3	Digging of pits 30*30*30* cm size	No	550	4.77	11.21	6165.23
4	Filling of pits 45*45*45* cm.	No	550	2.72	6.39	3515.60
5	Filling of pits 30*30*30* cm.	No	550	1.91	4.49	2468.68
6	Carriage of Plants in P Bags over distance 2 Km	KM/ No	550	1.9	4.47	4911.50
7	Planting of Plants Raised in P/Bags	No	550	2.18	5.12	2817.65
8	Construction of Inspection Path 60 cm wide	Rmt	100	11	25.85	2585.00
9	Cost of Sign Board Carriage & Fixing	No	1	LS	400.00	400.00
Total (B)						37997.18
Or Say						38000.00
Grand Total (Fencing+Planting) A+B=						84200.00
MAINTENANCE COST						
C 1ST YEAR MAINTENANCE - 30% MORTALITY						
1	Re-digging of pits 45*45*45* cm	Nos	330	4.77	9.54	3148.20
2	Filling of pits 45*45*45* cm.	Nos	330	2.72	5.44	1795.20
3	Digging of pits 30*30*30* cm size	Nos	330	2.38	4.76	1570.80
4	Filling of pits 30*30*30* cm.	Nos	330	1.91	3.82	1260.60
5	Carriage of poly plants from nursery to nearest	Nos	330	LS	LS	1500.00
6	Carriage of Plants in P Bags over distance 2 km huhill/downhill	Nos	330	1.9	3.80	2508.00
7	Planting of Plants raised in P/Bags	Nos	330	2.18	4.36	1438.80
8	Cost of Normal Plants raised in P-bag	Nos	330	26	26.00	8580.00
9	Repair of Fencing	Rmt	60	1.8	3.60	216.00
Total 1st Year Maintenance						22017.60
Or Say						22050
b 2nd YEAR MAINTENANCE -20% MORTALITY						
1	Re-digging of pits 45*45*45* cm	Nos	220	4.77	9.54	2098.80
2	Filling of pits 45*45*45* cm.	Nos	220	2.72	5.44	1196.80
3	Digging of pits 30*30*30* cm size	Nos	220	2.38	4.76	1500.00
4	Filling of pits 30*30*30* cm.	Nos	220	1.91	3.82	1500.00
5	Carriage of poly plants from nursery to nearest	Nos	220	LS	LS	1500.00
6	Carriage of Plants in P Bags over distance 2 km huhill/downhill	Nos	220	1.9	3.80	1672.00
7	Planting of Plants raised in P/Bags	Nos	220	2.18	4.36	959.20
8	Cost of Normal Plants raised in P-bag	Nos	220	26	52.00	11440.00
9	Repair of Fencing	Rmt	60	1.8	3.60	216.00
Total 2nd Year Maintenance						22082.80
Or Say						22100
c 3rd YEAR MAINTENANCE -10% MORTALITY						
1	Re-digging of pits 45*45*45* cm	Nos	110	4.77	9.54	1049.40
2	Filling of pits 45*45*45* cm.	Nos	110	2.72	5.44	598.40
3	Digging of pits 30*30*30* cm size	Nos	110	2.38	4.76	1500.00

		Nos	110	1.91	3.82	1500.00
4	Filling of pits 30*30*30* cm.	Nos	110	LS	LS	1500.00
5	Carriage of poly plants from nursery to nearest	Nos	110	1.9	3.80	836.00
6	Carriage of Plants in P Bags over distance 2 km	Nos	110	2.18	4.36	479.60
7	Planting of Plants raised in P/Bags	Nos	110	26	52.00	5720.00
8	Cost of Normal Plants raised in P-bag	Rmt	60	1.8	3.60	216.00
9	Repair of Fencing					13399.40
	Total 3st Year Maintenance					22100
	Or Say					
		L/s				22100.00
	4th YEAR MAINTENANCE	L/s				22100.00
e	5th YEAR MAINTENANCE	L/s				22100.00
f	6th YEAR MAINTENANCE	L/s				22100.00
i	7th YEAR MAINTENANCE	L/s				22100.00
j	8th YEAR MAINTENANCE	L/s				22100.00
k	9th YEAR MAINTENANCE	L/s				22100.00
l	10th YEAR MAINTENANCE	L/s				22100.00
	Grand Total--Maintenance (C) =					220950.00
D	Grand Total -New+Maintenance (A+B+C) =					305150.00
	ABSTRACT					

ABSTRACT (CA = 9.80 ha)

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