

Checklist No.18

“SCHEME FOR COMPENSATORY AFFORESTATION”

(Norms-2023-24)

In lieu of diversion of 0.5848 hectare of forest land in favour of M/s Dhomya Rishi Jamdagni Hydro Power Pvt. Ltd. for the construction of Dhuangan-III HEP (1.0 MW) within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP.

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

Area: Jagatsukh	District:- Kullu	Tehsil:- Manali
Name of Forest Division:-	Kullu	Range:- Naggar
Block: Khakhnal	Compartment/Survey No: 52 H/4 –Jamari Dhar-III	
Area to be afforested:-	1.17 hectare	

2. Description of area:-

- vi. Whether the site selected for compensatory afforestation is a land bank or not:- **Yes**
- vii. If the CA site is other than the land bank, reasons be given:- **No**
- viii. In case of non forest area identified in from-A, then what is the distance of CA site from the adjoining forest boundary :- **forest area**
- ix. Soil type:- **Sandy-loamy/apparently deep**
- x. Topography :-
 - a) **Hilly**
 - b) **Medium**

- vi. Whether the area is bearing any root stock of vegetation:- **Yes**

Plantation Model:- **Departmental**

Copy of the approved compensatory afforestation scheme/ model showing component wise physical and financial break up is enclosed.

Schedule of Plantation programme:-

- 3. Detail of year wise break up of requirement of funds is as under :-**

Compensatory Afforestation Bill							
S. N.	Particulars	Area in ha.	Year	Rate per Hectare	Cost Escalation	Rate After applying cost escalation	Total Amount (Rs)
	New Plantation	1.17	2023-24	120900	10%	132990	155598
	1 st Year Maintenance	1.17	2024-25	19300	20%	23160	27097
	2 nd Year Maintenance	1.17	2025-26	13000	30%	16900	19773
	3 rd Year Maintenance	1.17	2026-27	6600	40%	9240	10811
	4 th Year Maintenance	1.17	2027-28	6600	50%	9900	11583
	5 th Year Maintenance	1.17	2028-29	6600	60%	10560	12355
	6 th Year Maintenance	1.17	2029-30	6600	70%	11220	13127
	7 th Year Maintenance	1.17	2030-31	6600	80%	11880	13900
	8 th Year Maintenance	1.17	2031-32	6600	90%	12540	14672
	9 th Year Maintenance	1.17	2032-33	6600	100%	13200	15444
	10 th Year Maintenance	1.17	2033-34	6600	110%	13860	16216
	Total Plantation and 10 Year Maintenance						310576
	Departmental charges @ 17.5%						54351
	Contingency Charges @ 5%						15529
							380456
	Rupees Three Lakh Eighty Thousand Four Hundred and Fifty Six only						

4. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- a) **General Details :-** Conifer/ B/L species will be planted.
- b) **Spacing:** 3 mtr x 3 mtr.
- c) **Species:** Cedrus Deodara, pinus wallichiana, salix Spp. etc.
- d) **Plantation Method:** Artificial plantation with RCC Fencing.

- (z) **Soil Moisture Conservation Works:-** M.R.I. included in the C.A
- (f) **Protection (Fencing , Watchman, People's Participation etc.)**
- (g) **Proposed Monitoring Mechanism :-** Department .
- (h) **Any other information :-** Nil


Range Forest Officer
Forest Range Naggar
Range Forest Officer,
Naggar Forest Range


Divisional Forest Officer,
Kullu Forest Division, Kullu

Approved


Chief Conservator Forests (T)
Kullu Forest Circle, Kullu

COMPENSATORY AFFORESTATION BILL

(Norms-2023-24)

In lieu of diversion of 0.5848 hectare of forest land in favour of M/s Dhomya Rishi Jamdagni Hydro Power Pvt. Ltd. for the construction of Dhuangan-III HEP (1.0 MW) within the jurisdiction of Kullu Forest Division, Distt. Kullu, HP.

S.No.	Particulars of work	Unit	Qty	Mandays involved	Wage rate @ 375 for Non-Tribal areas
A	SURVEY, DEMARCATION & FENCING				
1.	Survey & demarcation of plantation area	Ha.	1	0.67	251.25
2.	Preparation/purchase of RCC fence post @ 358 per post (including GST)	No	50	0	17900
3.	Carriage of RCC fence post upto 165 cm long over a distance of 2 KM uphill/downhill	Km/ no	50	22.33	8373.75
4.	Preparation /digging of holes of 20x30x50 cm	No.	50	3.02	1132.5
5.	Fixing of RCC fence post i/c strutting	No.	50	2.39	896.25
6.	Carriage of B/wire over distance of 2 Kms uphill/downhill	Km/ qtl	0.75	0.74	277.5
7.	Stretching & fixing of B/wire in 4 strands	Rmt.	600	8	3000
8.	Interlacing of thorny bushes along the fence	Rmt.	150	4.09	1533.75
9.	Cost of B/wire	Qtl.	0.75	0	4882
					38247
	Total-A (Survey, Demarcation & Fencing)			Or say	38200
B	PLANTING:-				
1.	Bush cutting in strips (3m x 3m)	Ha.	1	7.95	2981.25
2.	Digging of pits 45x45x45 cm	No.	1100	69.96	26235
3.	Filing of Pits 45x45x45 cm	No.	1100	19.95	7481.25
4.	Carriage of plants in P. bags (uphill/downhill 2 Km)	Km/ no.	1100	27.87	10451.25
5.	Planting of plants raised in P/bags	No.	1100	15.99	5996.25
6.	Construction of inspection path	Rmt.	100	7.33	2748.75
7.	Cost of sign board, carriage & fixing	No.	0	0	450
8.	Cost of Nursery Plants @ Rs.24	No.	1100	0	26400
					82744
	Total-B (Planting)			Or say	82700
	Total (A+B)				120900
	New Plantation				120900

1. **Schedule for Plantation Programme.**

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

S.N.	Particulars	Unit	Qty.	Mandays involved	Wage Rate @ Rs.375 for Non-Tribal Areas
1ST YEAR MAINTENANCE (30% Beating up)					
1	Re-digging of pits 45x45x45cm	No.	330	10.49	3933.75
2	Filling of pits 45x45x45cm	No.	330	5.99	2246.25
3	Planting of plants raised in P/bags	No.	330	4.79	1796.25
4	Carriage of plants in P/bags	Km/No	330	8.36	3135
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	330	0	7920
					19301.25
	Total			Or say	19300
2ND YEAR MAINTENANCE (20% Beating Up)					
1	Re-digging of pits 45x45x45cm	No.	220	7	2623.5
2	Filling of pits 45x45x45cm	No.	220	3.99	1496
3	Planting of plants raised in P/bags	No.	220	3.20	1199
4	Carriage of plants in P/bags	Km/No	220	5.57	2090
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	220	0	5280
					12958.5
	Total			Or say	13000
3RD YEAR to 10th Year MAINTENANCE (10% Beating Up)					
1	Re-digging of pits 45x45x45cm	No.	110	3.50	1311.75
2	Filling of pits 45x45x45cm	No.	110	1.99	748
3	Planting of plants raised in P/bags	No.	110	1.60	599.50
4	Carriage of plants in P/bags	Km/No	110	2.79	1045
5	Repair of fencing	Rmt	60	0.72	270
6	Cost of Nr/plants	No.	110	0	2640
					6614.25
	Total			Or say	6600


Range Forest Officer
Forest Range Naggar


Divisional Forest Officer
Kullu Forest Division, Kullu