



**CHECK LIST SERIAL NUMBER 18**  
**“SCHEME FOR COMPENSATORY AFFORESTATION”**

**Detailed Scheme for Compensatory Afforestation to be carried out in – lieu of 0-26-46 hectare of forest area to be diverted for the Construction of 33/11 KV, 2X1, 6MVA Sub Station Raison at Raugi Nallah under ESD Katrain within the jurisdiction of Forest Range Kullu , District Kullu , HP**

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

Village:-**Soyal Phat** District:- **Kullu** Tehsil:- **Kullu**

Name of Forest Division:- **Kullu** Range:- **Kullu**

Block/ Compartment/ Survey No. **Kais-III/52-H-4-SE**

Area to be afforested:- **0.20 Ha.**

2. Description of area:-

- i. Whether the site selected for compensatory afforestation is a land bank or not:- **Yes**
- ii. If the CA site is other than the land bank, reasons be given:- **No**
- iii. 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**
- iv. Soil type:- **loamy**
- v. 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 .

Contd.P../2

3. Schedule of Plantation Programme:-

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

S.No	Year	Rate
	New Plantation	<b>168000</b>
1	1 <sup>st</sup> year Maintenance	9500
2	2 <sup>nd</sup> year Maintenance	4800
3	3 <sup>rd</sup> year Maintenance	4800
4	4 <sup>th</sup> year Maintenance	2900
5	5 <sup>th</sup> year Maintenance	2900
6	6 <sup>th</sup> year Maintenance	2000
7	7 <sup>th</sup> year Maintenance	2000
8	8 <sup>th</sup> year Maintenance	2000
9	9 <sup>th</sup> year Maintenance	2000
10	10 <sup>th</sup> year Maintenance	2000
	<b>Grand Total</b>	<b>202900</b>
	Plants to be planted	<b>100</b>
	Rate of 1 plant	406/-
	Cost of 100 plants	40600
	20% increase	8120
	Total	48720
	Add 17.50% Departmental charged	8526
	Add 5% contingency charges	2436
	<b>Grand Total</b>	<b>59682</b>

5. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- a) **General Details :-** The land bank indentified in Kais -III is blank patches where B/L and coniferous species will be planted at the pit 0.45x0.45x0.45 cm size respectively. The area will be protected by barbed wire fencing.

**b) Spacing :-**

Broad leaves

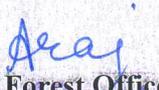
Coniferous

(0.45x0.45x0.45) Maple Khanor , Chuli

0.30x0.30x0.30) Deo.

(c) **Species :-** Broad leaves & Coniferous(d) **Plantation Method:-** Contour Planting.(e) **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,  
Kullu Forest Range

  
Divisional Forest Officer,  
Kullu Forest Division Kullu.

**BILL OF COMPENSATORY AFFORESTATION**

**In lieu of diversion of forest land 0.26.46 hac in favour of Assistant Engineer, Electrical Sub Division , HPSEBL, Katrain , District Kullu , HP for the Construction of 33/11 KV,2X1, 6MVA Sub Station Raison at Raugi Nallah under ESD Katrain within the jurisdiction of Forest Range Kullu , District Kullu , HP.**

S.No	Particulars of work	Quantity	Rate per unit at the wage rate of 200/-	Norm at the wage rate of 200/- for Non-Tribal areas
<b>A</b>	<b>SURVEY, DEMARCATION &amp; FENCING</b>			
1	Survey/demarcation of plantation area i/c marking of sections	1	134.66	134.66
2	Cost of RCC poles and painting	60	300	18000
3	Cost of carriage of RCC Poles upto 2 Kms uphill/downhill	60	44.67	2679
4	Preparation/Digging of holes of 20x30x50 cm size of fixing frnce	60	12.08	724.78
5	Fixing of RCC fence posts in concreete i/c strutting	60	9.55	572.79
6	Carriage of B/wire from store to nearest road head near plantation site in motor transport (average carriage 10 Kms)	0.9	ls	500
7	Carriage of B/wire manually over a distance of 2 Kms uphill/downhill from road side to plantation site	0.9	98.2	176.76
8	Stretching and fixing of B/wire in four strands	720	6.4	4607.88
9	Interlacing of thorny bushes along the fence	180	5.45	981.58
10	Cost of procurement of B/wire	0.9	6930	6237
				<b>34615.38</b>
		<b>Or Say</b>		<b>34600</b>
<b>B</b>	<b>PLANTING:-</b>			

1	Clearing the site of weeds/Bush cutting in strips of 1 to 2 mtr wide	1	1590.36	1590.36
2	Digging of pits 90x90x90 cm	500	83.17	41585.63
3	Filing of Pits 90x90x90 cms	500	7.08	3539.91
4	Carriage of poly plants from nursery to nearest road head near plantation site in motor transport (average distance 10 Kms)	500	LS	7500
5	Carriage of plants in poly bags (18'x24') from road side to plantation site over a distance of 2 KMs uphill/downhill manually	500	3	15000
6	Addition of fertilizer/FYM to planting pits	500	LS	5000
7	Planting of tall plants in pits i/c ramming	100	8.72	4359.89
8	Construction of inspection path 60 Cm wide	500	14.67	1466.63
9	Cost of tall plants raised in Departmental Nurseries 3 year old in (18'x24' bags)	500	75	37500
10	De-weeding and hoeing twice a year	500	10.91	10906.39
11	Watering and plants during months of stress	500	LS	4000
12	Plantation Display Board (decipting the name of the compensatory plantation, total arae of plantation, Total numbers of Plants, Species planted and the Name of all the Proposals with corresponding Number od plants planted against each for which the land was diverted)	1	LS	1000
	Total-B Planting			133448.81
	or say			133400
	<b>Total fencing &amp; Planting (A+B)</b>			<b>168000</b>

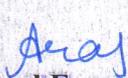
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