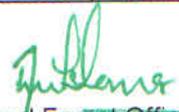


Full title of the project:- C/o LWSS from Kashapat khad to Dansa via Pataina, Kuhal & Chiksa					
File No:					
Date of Proposal:					
SCHEME FOR COMPENSATORY AFFORESTATION IN RESPECT OF DIVERSION OF LAND FOR THE CONSTRUCTION OF LWSS FROM KASHAPAT TO DANSA VIA PATAINA, KUHAL & CHIKSA WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION, RAMPUR DISTT SHIMLA H.P.					
Area proposed for compensatory afforestation	1.9462 ha				
Name of the proposed plantation area	DPF Bai Bahli				
Plants to be planted per hectare	1500				
Total number of plants to be planted	2919				
Species to be planted	Coniferous and other broad live species.				
Particulars of works	Unit cost at wage structure for 2014-15 onwards	Year of execution of works	Cost escalation	Unit cost after applying cost escalation	Total amount
Initial cost for raising compensatory afforestation over an area of 1.9462 hectare	68200	2015-16	10%	75020	146004
1 st year maintenance	11700	2016-17	20%	14040	27325
2 nd year maintenance	7500	2017-18	30%	9750	18975
3 rd year maintenance	4700	2018-19	40%	6580	12806
4 th year maintenance	4400	2019-20	50%	6600	12845
5 th year maintenance	4100	2020-21	60%	6560	12767
6 th year maint.	4100	2021-22	70%	6970	13565
7 th year maint.	4100	2022-23	80%	7380	14363
8 th year maint.	4100	2023-24	90%	7790	15161
9 th year maint.	4100	2024-25	100%	8200	15959
10 th year maint.	4100	2025-26	110%	8610	16757
Total =					306527
Enhancement due to increase in wage rate by 15.38% (from Rs. 130/- to Rs.150/-)					47144
Enhancement due to increase in wage rate by 13.33% (from Rs. 150/- to Rs.170/-)					47144
Total =					94288
Departmental charges @ 17.5%					70143
Contigencies Charges @ 5%					20041
G. Total =					490998


 Divisional Forest Officer
 Rampur Forest Division
 Rampur Bushahr.

Full title of the project: Providing LWSS from Kashapat Khad to Dansa via Pataina, Kuhal & Chiksa.

File No.

Date of Proposal:

CHECK LIST SERIAL NUMBER-17
SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of 0-97-31 ha of forest area to be diverted for construction of LWSS from Kashapat Khad to Dansa via Pataina, Kuhal & Chiksa in Shimla District.

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

District:- Shimla Village:- Bai
Tehsil:- Rampur Bushahr
Name of Forest Division:- Rampur Bushahr Range:- Nankhari Range.
Block/Compartment/Survey No. 53 E/11 DPF C-122 Bai Bahli
Area to be afforested: 1.9462 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:- Not applicable.
- iii. In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- Not applicable
- iv. Soil type:- Clayey loam.
- v. Topography:- a. Hilly/undulating/plain
b. Slope: Steep/Medium/Gentle
- vi. Whether the area is bearing any root stock of vegetation:- No.

3. Plantation Model:-

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

4. Schedule of plantation programme:-

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

Year	Area	Rate	Amount
0 year i.e. year plantation	1.9462 ha.	75020	146004
1 st year maintenance	1.9462 ha.	14040	27325
2 nd year maintenance	1.9462 ha.	9750	18975
3 rd year maintenance	1.9462 ha.	6580	12806
4 th year maintenance	1.9462 ha.	6600	12845
5 th year maintenance	1.9462 ha.	6560	12767
6 th year maintenance	1.9462 ha.	6970	13565
7 th year maintenance	1.9462 ha.	7380	14363
8 th year maintenance	1.9462 ha.	7790	15161

9 th year maintenance	1.9462 ha.	8200	15959
10 th year maintenance	1.9462 ha.	8610	16757
Total =			306527
Enhancement due to increase in wage rates by 15.38% (from Rs. 130/- to Rs. 150/- per day)			47144
Enhancement due to increase in wage rate by 13.33%(from Rs. 150/- to Rs.170/-)			47144
Total			94288
Departmental charges @ 17.5%			70143
Contingency Charges @ 5%			20041
G. Total =			490998

5. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 1.9462 ha. will be taken up for planting under compensatory afforestation scheme in DPF c-122 Bai Bahli in a single compact patch. The area will be protected by Barbed wire fencing and a mixture of conifer and broad leaved species will be planted. 1500 plants will be planted per hectare.
- (b) Spacement:- 2.5 mtrs x 2.5 mtr
- (c) Species:- Deodar & other broad leaf species.
- (d) Plantation Method:-Nursery grown one year old plants (in Polythene bags as well as naked root) will be planted in 45x45x45 cm pits in the selected area. Bush cutting will be done in the infested area. The plantation will be maintained for subsequent 10 years in which beating up of failures will be done. The plantation will be rainfed.
- (e) Soil Moisture Conservation Works:- Contour trenching will be done over the entire area to conserve the available moisture during rainy season so that moisture regime in the area is improved. Minor soil conservation works like gully plugging, check walls be done where ever required.
- (f) Protection (fencing, Watchman, People's participation etc.): -Area will be protected from grazing by erecting barbed wire fencing at all vulnerable places around the plantation. Further watch and ward as also fire protection will be ensured through regular departmental staff.
- (g) Proposed Monitoring Mechanism:- The plantation will be monitored as per existing monitoring mechanism in the forest department. The plantation will also be monitored by GOI representatives as per instructions. The plantation site will be approachable from Rampur Nankhari Khamadi road.
- (h) Any other information:- Nil.



Divisional Forest Officer,
Rampur Forest Division,
Rampur Bushahr.

Office Seal _____
Divisional Forest Officer,
Rampur Forest Division
Rampur Bushahr (H.P.)