

32

**FULL TITLE OF THE PROJECT:** C/o Augmentation & Integration of VWSS Matiana, Kumarsain, Sainj and Surrounding villages of Theog constituency in Shimla H.P.

**File No.:** FP/HP/WATER/9529/2015

**DATE OF PROPOSAL:** 23-01-2015

**CHECK LIST SERIAL NUMBER-17**

**SCHEME FOR COMPENSATORY AFFORESTATION.**

Detail scheme for compensatory afforestation to be carried out in lieu of 0-42-90 ha of forest area to be diverted for construction of Augmentation & Integration of VWSS Matiana, Kumarsain, Sainj and Surrounding villages of Theog constituency in Shimla H.P.

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

District:- Shimla Village:- Shandal  
Tehsil:- Rampur Bushahr  
Name of Forest Division:- Rampur Bushahr Range:- Rampur Range  
Block/Compartment/Survey No. 53 E/11 UF-Shandal  
Area to be afforested: 0.8580 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	0.8580 ha.	116600	100043
1 <sup>st</sup> year maintenance	0.8580 ha.	27840	23887
2 <sup>nd</sup> year maintenance	0.8580 ha.	19760	16954
3 <sup>rd</sup> year maintenance	0.8580 ha.	16100	13814
4 <sup>th</sup> year maintenance	0.8580 ha.	12600	10811
5 <sup>th</sup> year maintenance	0.8580 ha.	13440	11532
6 <sup>th</sup> year maintenance	0.8580 ha.	14280	12252
7 <sup>th</sup> year maintenance	0.8580 ha.	15120	12973
<b>Total =</b>			<b>202265</b>
Departmental charges @ 17.5%			35396
Contingency Charges @ 5%			10113
<b>G. Total =</b>			<b>247775</b>

5. Technical details:-

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 2.0686 ha. will be taken up for planting under compensatory afforestation scheme in UF-Shandal 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 leave 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 7 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 Lalsa Shandal road.
- (h) Any other information:- Nil.

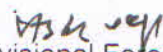
*VBK - 4/1*  
Divisional Forest Officer,  
Rampur Forest Division,  
Rampur Bushahr.

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



**SCHEME FOR COMPENSATORY AFFORESTATION IN RESPECT OF DIVERSION OF LAND FOR THE CONSTRUCTION OF AUGMENTATION & INTEGRATION OF VWSS MATIANA, KUMARSAIN, SAINJ AND SURROUNDING VILLAGES OF THEOG CONSTITUENCY IN SHIMLA H.P. WITHIN THE JURISDICTION OF RAMPUR FOREST DIVISION, DISTT. SHIMLA H.P**

Area proposed for compensatory afforestation	0.8580 ha				
Name of the proposed plantation area	UF-Shandal				
Plants to be planted per hectare	1500				
Total number of plants to be planted	1287				
Species to be planted	Coniferous and other broad live species.				
Particulars of works	Unit cost at wage structure for 2015-16 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 0.8580 hectare	106000	2016-17	10%	116600	100043
1 <sup>st</sup> year maintenance	23200	2017-18	20%	27840	23887
2 <sup>nd</sup> year maintenance	15200	2018-19	30%	19760	16954
3 <sup>rd</sup> year maintenance	11500	2019-20	40%	16100	13814
4 <sup>th</sup> year maintenance	8400	2020-21	50%	12600	10811
5 <sup>th</sup> year maintenance	8400	2021-22	60%	13440	11532
6 <sup>th</sup> year maint.	8400	2022-23	70%	14280	12252
7 <sup>th</sup> year maint.	8400	2023-24	80%	15120	12973
<b>Total =</b>					<b>202265</b>
Departmental charges @ 17.5%					35396
Contigencies Charges @ 5%					10113
<b>G. Total =</b>					<b>247775</b>

  
 Divisional Forest Officer  
 Rampur Forest Division  
 Rampur Bushahr  
 Rampur Bushahr (H.P.)