

Full Title of the Project: - Diversion of 2.1532 ha of forest land (1.4612 ha for mining lease and safety zone, 0.3400 ha for approach road and 0.3520 ha for staking of raw material) for already established Stone Crusher at Pashada, P.O. Khaneri, Tehsil Rampur Bushahr, Distt. Shimla, Himachal Pradesh in the favour of M/s Bushahr Laghu Udyog, VPO Jhakri, Tehsil Rampur Bushahr, within the jurisdiction of Rampur Forest Division, Distt. Shimla, Himachal Pradesh.

File No.:- FP/HP/MIN/34194/2018)

Date of Proposal:- 16-06-2018

CHECK LIST SERIAL NUMBER-18
SCHEME FOR COMPENSATORY AFFORESTATION.

Detail scheme for compensatory afforestation to be carried out in lieu of diversion of 2.1532 ha. of forest area for mining lease for already established stone crusher at Pashada within the jurisdiction of Rampur Forest Division.

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

District:-	Shimla	Village:-	Shandal
Tehsil	Rampur		
Name of Forest Division	Rampur Bushahr	Range:-	Rampur Range
Block/Compartment/Survey No.	53 E/11	UF-Shandal	Sukhi Grad - 113
Mohal:-	Lalsa	Area to be afforested:-	4.3064 ha.

2. Description of area:-

- Whether the site selected for compensatory afforestation is a land bank or not:- Yes.
- If the CA site is other than the land bank, reasons be given:- NA
- In case of non forest area identified form A, then what is the distance of CA site from the adjoining forest boundary:- NA
- Soil type:- Clayey loam.
- Topography:- a. Hilly/undulating/plain.
b. Slope: Steep/Medium/Gentle.
- 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/ha including 10% enhancement	Total amount
0 year	4.3064	136950	589761
1 st year maintenance	4.3064	23580	101545

2 nd year maintenance	4.3064	16610	71529
3 rd year maintenance	4.3064	8760	37724
4 th year maintenance	4.3064	9150	39404
5 th year maintenance	4.3064	9540	41083
6 th year maintenance	4.3064	9930	42763
7 th year maintenance	4.3064	10320	44442
8 th year maintenance	4.3064	10710	46122
9 th year maintenance	4.3064	11100	47801
10 th year maintenance	4.3064	11490	49480
		Total =	1111654
		Contingency Charges @ 5%	55583
		Total cost of CA scheme	1167237
		Departmental charges @ 17.5%	204266
		G. Total =	1371503

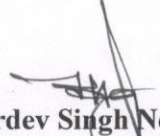
5. **Technical details:-**

Technical details of compensatory afforestation scheme are as follows:-

- (a) General Details:- An area of 4.3064 ha. will be taken up for planting under compensatory afforestation scheme in UF-Shandal in identified land bank area. The area will be protected by Barbed wire fencing and conifer and broad leaves will be planted. 1100 plants will be planted per hectare.
- (b) Spacement:- 2.5 mtrs x 2.5 mtr
- (c) Species:- Coniferous and other broad leave species.
- (d) Plantation Method:- Nursery grown two and half years old conifer plants and one year old broad leaves plants (in Polythene bags as well as naked root) will be planted in 30x30x30 cm and 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 trench works, check walls and check dams 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 Shingla Lalsla Shandal road.
- (h) Any other information:- Nil.

Place:- Rampur

Date:- 03/05/2024


(Hardev Singh Negi), HPFS
 Divisional Forest Officer,
 Rampur Forest Division,
 Rampur Bushahr.
 Office Seal _____

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File No.:-

FP/HP/MIN/34194/2018)

Date of Proposal: -

16-06-2018

Bill for Compensatory Afforestation Scheme over 4.3064 ha. of forest land in lieu of 2.1532 ha. forest land for mining lease, approach road and staking of RW/A material in favour of M/S Bushahr Laghu Udyog VPO Jhakri within the jurisdiction of Rampur Forest Division, District Shimla H.P.

Particulars of works	Year of execution of works	Unit cost at wage structure for 2023-24	Cost escalation	Unit cost after applying cost escalation	CA area	Total	No. of plants per ha.	No. of plants to be planted	Cost of plants @ Rs. 30/-	Total Amount
										4.3064 Hac.

Area proposed for Compensatory Afforestation in hac.

Name of the proposed plantation area

UF-Shandal Sukhi Gad - 113 (NDPC)

UF-Shandal
1100

Number of Plants to be planted per hectare

4737

Total number of plants to be planted in proposed area									
Species to be planted in proposed area			Conifer & Broad leave species						
Initial cost for raising compensatory Afforestation over an area of 4.3064 hectare	2024-25	94500	10%	103950	4.3064	447650	1100	4737	142111
1 st year maintenance	2025-26	11400	20%	13680	4.3064	58912	330	1421	42633
2 nd year maintenance	2026-27	7700	30%	10010	4.3064	43107	220	947	28422
3 rd year maintenance	2027-28	3900	40%	5460	4.3064	23513	110	474	14211
4 th year maintenance	2028-29	3900	50%	5850	4.3064	25192	110	474	14211
5 th year maintenance	2029-30	3900	60%	6240	4.3064	26872	110	474	14211
6 th year maintenance	2030-31	3900	70%	6630	4.3064	28551	110	474	14211
7 th year maintenance	2031-32	3900	80%	7020	4.3064	30231	110	474	14211
8 th year maintenance	2032-33	3900	90%	7410	4.3064	31910	110	474	14211
9 th year maintenance	2033-34	3900	100%	7800	4.3064	33590	110	474	14211
10 th year maintenance	2034-35	3900	110%	8190	4.3064	35269	110	474	14211
Total =									1111654

Contingencies Charges @ 5%										55583
Total cost of CA Scheme										1167237
Departmental Charges @ 17.5%										204266
G. Total =										1371503

(Hardev Singh Negi), HPFS
Divisional Forest Officer,
Rampur Forest Division,
Rampur Bushahr, H.P.

BILL FOR NPV

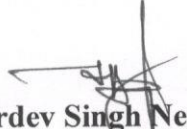
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Date of Proposal:- 16-06-2018

CALCULATION OF NET PRESENT VALUE OF FOREST LAND TO BE DIVERTED UNDER FCA, 1980 FOR DIVERSION OF 2.1532 HA OF FOREST LAND (1.4612 HA FOR MINING LEASE AND SAFETY ZONE, 0.3400 HA FOR APPROACH ROAD AND 0.3520 HA FOR STAKING OF RAW MATERIAL) FOR ALREADY ESTABLISHED STONE CRUSHER AT PASHADA

1.	Area being diverted	2.1532 ha.
2.	Total trees in the diverted land	-Nil-
3.	Trees up to 3 rd class	-Nil-
4.	Trees above 3 rd class	-Nil-
5.	Conversion of up to 3 rd class trees into 3 rd class trees by taking 2 trees of upto 3 rd class as one tree of higher class.	-Nil-
6.	Therefore total trees above 3 rd class	-Nil-
7.	No. of trees in 14194 sqm.	-Nil-
8.	No. of trees per ha.	-Nil-
9.	If 400 trees of and above 3 rd class per ha then density	100
10.	If 0 trees above 3 rd class per ha then density	-Nil-
11.	Rates applicable for forest having density between 0-10% (Open Forest) Eco Class VI	10,69,470/-
12.	For 1 ha. NPV chargeable	10,69,470/-
13.	For 2.1532 ha NPV chargeable	10,69,470/- x 2.1532 hac. = 23,02,783/-
	Total	23,02,783/-


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