


Bill of Compensatory afforestation in respect of construction of 11 KV HT line to the Un-electrified village Shagore, Shakti and Marror in Kalikanda DPF = 5+5 =7= **17 Hac**. Under Shakati beat Marror Block in Wildlife Range Sainj of GHNP Division, Shamshi.

Sr. No.	Name of Circle	Forest Area in	Range	Component	Rate per hac	Total amount
1	GHNP Shamshi	8.1872X 2= 16.3744 hac. Or say=17 hac	Sainj	Compensatory afforestation with RCC fencing maintenance for 10 year	1,24,340.00	21,13,780.00
				Nursery cost of plants= 43010 Nos	24.85/plant	10,68,798.50
				<b>Total</b>		<b>31,82,578.50</b>
				Departmental Charges 17.5%		5,56,951.24
				Addl. 5% contingency charges on CA		1,59,128,93
				<b>G.Total</b>		<b>38,98,658.67</b>
				<b>Or say Rs.</b>		<b>38,99,000.00</b>

  
Divisional Forest Officer,  
GHNP Shamshi.



## Scheme of compensatory afforestation

Detail scheme of compensatory afforestation of be carried out in lieu of diversion of 8.1872 hac area to be diverted for construction of 11 KV HT line to the Un-electrified village Shagore, Shakti and Marror in Banjar Block Distt. Kullu (HP).

### 1. Detail of degraded of forest land

Village	:	Shakati and Sugad
Sub Tehsil	:	Sainj
Name of Division	:	GHNP Division, Shamshi
Name of Range.	:	Wildlife Range, Sainj
Name of Block	:	Marror
Name of Forest	:	Kalidanda DPF
Compartment/Survey Sheet No	:	53E/5 (1:50000)
Area proposed for CA 8.1872x2	:	16.3744 hac
Or say	:	17 hac.

### 2. Description of area

- (i) Whether the site selected for compensatory Afforestation is a land bank or not : Not
- (ii) If the CA site is other than the land bank, Reason be given. Compact patch of CA is not Available.
- (iii) In case of non forest area identified for CA then what is the distance of CA site from the adjoining forest boundary. N.A.
- (iv) Soil Type :Loamy Soil
- (v) Topography
- a. Hilly/undulating/plain/slopy : Hilly
- b. Steep/Medium/Gentle : Moderate
- (vi) Whether the area is bearing any root stock of vegetation. : Yes

### 3. Plantation model

Copy of the approved compensatory Afforestation scheme/model showing Component wise physical and financial Break up to be enclosed : Copy enclosed.

**BILL FOR COMPENSATORY AFFORESTATION SCHEME**

In lieu of diversion of 8.1872 ha of forest land for the construction of 11KV HT line to the unelectrified village Shagore, Shakti Maror in Banjar Block Distt. Kullu (HP)

**PER HECTARE COST NORM FOR MODEL PLANTATION UNDER**

Area taken for CA = 8.1872 X 2 = 16.3744 ha or say 17.00 hac ( Patch No.1 = 5 hac , Patch No. 2= 5hac, Patch No.3= 7 hac Total= 17 hac.) Species to be planted (conifer & B.L)

S.N.	Particular of work	Unit	Qty	Amount in Rs.
<b>A. FENCING:-</b>				
1	Survey & demarcation of plantation area		1Hec	202.00
2	Preparation/purchase of RCC fence posts		50 Nos	17900.00
3	Carriage of RCC fence post up to 2 mtr. Long Over distance 2 KM		50 Nos	6700.00
4	Preparation/digging of holes 20 x 30 x 50 CM size		50 Nos	906.00
5	Fixing of RCC fence posts i/e strutting		50 Nos	716.00
6	Carriage of barbed wire over distance 2 Km uphill/ downhill		0.75 Qtl	220.95
7	Stretching & fixing of barbed wire in 4 stands		600 Rmt	5760.00
8	Interlacing of thorny bushes along the fence		150 Rmt	1227.00
9	cost of Barbed wire		0.75 Qtl	4882.00
TOTAL FENCING COST :				38513.95
				or say
				<b>38500.00</b>
<b>B. PLANTING:-</b>				
1	Bush Cutting in strips ( 3m x 3m)	1	1ha	2385.60
2	Digging of pits 45x45x45 cm size	No.	1100 Nos	20988.00
3	Filling of pits 45x45x45 cm		1100 Nos	5984.00
4	Carriage of plants in p bags over distance 2KM uphill/ downhill		1100 Nos	8360.00
5	Planting of plants riased in P/bags		1100 Nos	4796.00
6	Construction of inspection Paths		100 rmt	2200.00
7	Cost of sign Board, carriage & Fixing		L/S	450.00
TOTAL PLANTING COST :				45163.60
				or say
				<b>45160.00</b>
<b>GRAND TOTAL (A+B)</b>				<b>83660.00</b>

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**MAINTENANCE COST:-****1st year maintenance (30% BEATING UP)**

1	Re digging of pits 45x45x45 cm		
2	Filling of pits 45x45x45 cm	330 Nos	
3	Planting of Plants raised in P/ Bags	330 Nos	3148.20
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	330 Nos	1795.20
5	Repair of fencing	330 Nos 60 Rmt.	1438.8 2508.00

**TOTAL:-****SAY Rs. :-****2nd year maintenance (20% Beating up)**

1	Re digging of pits 45x45x45 cm		
2	Filling of pits 45x45x45 cm	220 Nos	
3	Planting of Plants raised in P/ Bags	220 Nos	2098.80
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	220 Nos	1196.80
5	Repair of fencing	220 Nos 60 Rmt.	959.20 1672.00

**TOTAL:-****SAY Rs. :-****3rd year maintenance (10% Beating up)**

1	Re digging of pits 45x45x45 cm		
2	Filling of pits 45x45x45 cm	110 Nos	1049.40
3	Planting of Plants raised in P/ Bags	110 Nos.	598.40
4	Carriage of Plants in P bags over distance 2 KM uphill/ down hill	110 Nos	479.60
5	Repair of fencing	110 Nos 60 Rmt.	836.00 216.00

**TOTAL:-****SAY Rs. :-**3179.40  
3180.00

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**ABSTRACT:-**

<b>New Plantation</b>			
1st Year Maintenance			83660.00
2nd Year Maintenance			9100.00
3rd Year Maintenance			6140.00
4th Year Maintenance			3180.00
5th Year Maintenance			3180.00
6 th year Maintenance			3180.00
7th year Maintenance			3180.00
8th year Maintenance			3180.00
9th year Maintenance			3180.00
10th year Maintenance			3180.00
<b>GRAND TOTAL:-</b>			<b>3180.00</b>
Area to be taken for Comepsatory Afforestation =17 hac.			<b>124340.00</b>
Cost for compensatory a forestation =	17	124340	
Nursery Cost of Plants	43010	24.85	2113780.00
<b>GRAND TOTAL:-</b>			1068798.50
Add 17.50% departmental charges on CA			<b>3182578.50</b>
Add 5% Contingency charges on CA			556951.24
<b>Total Compensatory a forestation scheme cost</b>			159128.93
or say			<b>3898658.66</b>
			<b>38,99,000.00</b>

Note:-1.  
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Above scheme is liable to correct as per instruction/guide lines issued by the Govt. time to time.  
Any Bonafide mistake grammatical or other wise shall be liable to corrected.

*[Signature]*  
Range Forest Officer  
Wild Life Range  
SAINI

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Divisional Forest Officer,  
GHNP Division, Shamshi.