

**Title of the Project:** Diversion of 0.0918 Ha. of forest land for Laying of 132 KV S/C D/C Transmission Line on Kalanaur to Manheru in under forest division and Distt. Rohtak.

**File No. :** FP/HR/TRANS/118341/2021

**Date of Proposal:** 02.01.2021.

**CHECK LIST SERIAL NUMBER:- 18**  
**"SCHEME FOR CA"**

**Name of the Forest/Reach to be diverted**

Diversion of 0.0918 Ha. of forest land for Laying of 132 KV S/C D/C Transmission Line on Kalanaur to Manheru in under forest division and Distt. Rohtak.

**Forest Area for CA = 0.22 Ha and Addl. CA. 0.252 Ha forest land/non-forest land where is to be carried out.**

**Division:** Rohtak **District :** Rohtak

**Tehsil:** Kalanaur

**C.A. Site name :** Meham Minor. RD 52 to 68 L & R side

**Width of forest Land CA Site:** 30 Fit.

**GPS Reading**

**Latitude:** 28°59'25.819"N

**Longitude:** 76°20'16.933"E

28°59'25.754"N

**Longitude:** 76°20'16.851"E

28°59'25.974"N

**Longitude:** 76°20'17.127"E

28°57'45.160"N

**Longitude:** 76°18'48.866"E

28°57'40.508"N

**Longitude:** 76°19'33.51"E

28°57'40.775"N

**Longitude:** 76°18'31.068"E

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):
- b) If the CA site is other than the land bank, reasons be given:-  
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
- i) Soil type: Good
- ii) Topography a. Hilly/Undulating/Plain: Plain  
b. Slope:-Steep/Medium/Gentle: Gentle
- iii) Whether the area is bearing any root stock of vegetation:- No

**Plantation Model:-**

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under ;

**1. Schedule of Plantation Programme:-**

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

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 326.82 per day as under:-

Year	Rate per Plant
1st Year cost of afforestation	Rs. 395.00 Per Plant
2nd Year maintenance	Rs. 138.00 Per Plant
3rd Year maintenance	Rs. 55.00 Per Plant
4th Year maintenance	Rs. 22.00 Per Plant
5th Year maintenance	Rs. 24.00 Per Plant
6th Year maintenance	Rs. 26.00 Per Plant
7th Year maintenance	Rs. 27.00 Per Plant
8th Year maintenance	Rs. 28.00 Per Plant
9th Year maintenance	Rs. 30.00 Per Plant
10th Year maintenance	Rs. 32.00 Per Plant
Total	Rs. 777.00

Area to be Diverted : 0.0918 ha.  
 No. of Trees to be felled : 22  
 No. of Plants to be damaged : 126  
 Area to be planted under normal CA: 22 x 10 = 220 Plants  
 Plants to be Planted under normal CA : **100 Plants** (@ 1000 plants per ha.)  
 Additional C.A. in lieu of plants to be damaged (Double the plants to be Damaged = **252** Plants  
 Total Area to be planted **CA = : 0.22 Ha. and Addl. CA = 0.252** (@ 1000 plants per ha.)

S. No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges		No. of Plant	
	(1) 1st Year cost of afforestation	220	Rs.395.00 Per Plan	86900.00
	(2) 2nd Year maintenance	220	Rs.138.00Per Plant	30360.00
	(3) 3rd Year maintenance	220	Rs. 55.00 Per Plant	12100.00
	(4) 4th Year maintenance	220	Rs. 22.00 Per Plant	4840.00
	(5) 5th Year maintenance	220	Rs. 24.00 Per Plant	5280.00
	(6) 6th Year maintenance	220	Rs. 26.00 Per Plant	5720.00
	(7) 7th Year maintenance	220	Rs. 27.00 Per Plant	5940.00
	(8) 8th Year maintenance	220	Rs. 28.00 Per Plant	6160.00
	(9) 9th Year maintenance	220	Rs. 30.00 Per Plant	6600.00
	(10) 10th Year maintenance	220	Rs. 32.00 Per Plant	7040.00
	(11) Barbed wire fencing charge	RKM 0.736	Rs.2,00000/- Per RKM	176000.00
Total Charges				<b>346940.00</b>
Supervisory / Overhead / Miscellaneous Charges			10% on the CA charges	34694.00
Total (A) C.A. Charge				<b>381634.00</b>
B	Additional Compensatory Afforestation Charges			
	(1) 1st Year cost of afforestation	252	Rs.395.00 Per Plan	99540.00
	(2) 2nd Year maintenance	252	Rs.138.00Per Plant	34776.00
	(3) 3rd Year maintenance	252	Rs. 55.00 Per Plant	13860.00
	(4) 4th Year maintenance	252	Rs. 22.00 Per Plant	5544.00
	(5) 5th Year maintenance	252	Rs. 24.00 Per Plant	6048.00
	(6) 6th Year maintenance	252	Rs. 26.00 Per Plant	6552.00
	(7) 7th Year maintenance	252	Rs. 27.00 Per Plant	6804.00
	(8) 8th Year maintenance	252	Rs. 28.00 Per Plant	7056.00
	(9) 9th Year maintenance	252	Rs. 30.00 Per Plant	7560.00
	(10) 10th Year maintenance	252	Rs. 32.00 Per Plant	8064.00
C	(11) Barbed wire fencing charge	RKM 1.008	Rs.2,00000/- Per RKM	201600.00

<b>Total (B) Addl. C.A. Charges</b>					
<b>Penal Compensatory Afforestation Charges</b>					397404.00
SMC Charges		30% on the CA Charges			114490.00
Catchment Area Treatment					0
Total (D)					0
E	Safety Zone (if required)				0
F	Additional Charges (if required)	Qty	Rate		0
Total (F)					0
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha. <b>0.0918 Ha</b>		81427.00
H	Felling charges	Vol. M3		Rs.1200 /- per m3	11748.00
		9.79			
<b>Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund</b>					<b>986703.00</b>

2. Technical details:-

- Technical details of Compensatory Afforestation Scheme are as follows:-
- General Details:- Plantation will be done with 3 strand barbed wire.
  - Spacemen:- 4x4 meter
  - Species:- Neem, Papri, Kachnar
  - Plantation Method :- Tall Plantation
  - Soil and Moisture Conservation Works
  - Protection (Fencing, Watch man, People's Participation etc.): - Fencing
  - Proposed Monitoring Mechanism:- (M&E),
  - Any Other information:- Nil.

Place:

Dated: 25/05/2022

Divisional Forest Officer,  
Rohtak Forest Division,  
Rohtak.

24/05/22

24/05/2022