

Full Title of the Project: Diversion of 0.0120 ha. forest land access to IOCL retail outlet (Petrol Pump) along Hisar-Tosham road, Chainage No. 30.827 (MDR-108) LHS at village Khanak, under forest Divin. Bhiwani

File No. : FCA/S/ FP/HR/Approach/41219/2019

Date of Submission: 18.07.2019

**CHECK LIST SERIAL NUMBER:-18**

**"SCHEME FOR C.A."**

Name of the Forest/Reach to be diverted: Hisar-Tosham road

Diversion of forest land for .....Petrol pump.....

Forest Area = .....0.0120..... ha.

**Details of degraded forest land/non-forest land where C.A. is to be carried out.**

Division ....Bhiwani..... District ..Bhiwani.....

Tehsil ..... Range .....Bhiwani.....Hassanpur Mr. from RD 0 to tail L&R.....

Area to be Afforested :- 0.114 ha.

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): .....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: ...Sandy
  - ii) Topography a. Hilly/Undulating/Plain: .....  
b. Slope:-Steep/Medium/Gentle: .....
  - iii) Whether the area is bearing any root stock of vegetation:- .....

**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
1 <sup>st</sup> Year cost of afforestation	Rs. 359.10 Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 115.35 Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 41.89 Per Plant
4 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
5 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
6 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
7 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
8 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
9 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
10 <sup>th</sup> Year maintenance	Rs. 15.58 Per Plant
<b>Total</b>	<b>Rs. 625.40</b>

Area to be Diverted : 0.0120 ha.

No. of Trees to be felled : NIL

No. of Plants to be damaged : 7

Area to be planted under normal CA : 0.10 (Ten times/ Double the area to be diverted)

Plants to be Planted under normal CA : 0.10 (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 7x2=14 Plants

Area to planted under Addl. CA : 0.014 (@ 1000 plants per ha.)

**Total No. of plants to be planted (CA+Addl.CA) : 0.014 ha.**

**Total Area to be planted (CA+Addl.CA) : 0.114 ha. (@ 1000 plants per ha.)**

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 <sup>st</sup> Year cost of afforestation	100 nos.	Rs. 359.10/- Per Plant	35910
	(2) 2 <sup>nd</sup> Year maintenance		Rs. 115.35/- Per Plant	11535
	(3) 3 <sup>rd</sup> Year maintenance		Rs. 41.89/- Per Plant	4189
	(4) 4 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	1558
	(5) 5 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	1558
	(6) 6 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	1558
	(7) 7 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	1558
	(8) 8 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	1558
	(9) 9 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	1558
	(10) 10 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	1558
	(11) Barbed wire fencing charge=0.40 RKM		Rs.76700/- Per RKM	30680
	Total Charges			93220
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	9322
	<b>Sub Total (A) Total C.A. Charges</b>			<b>102542</b>
B	<b>Additional Compensatory Afforestation Charges</b>			
	(1) 1 <sup>st</sup> Year cost of afforestation	7x2= 14	Rs. 359.10/- Per Plant	5027
	(2) 2 <sup>nd</sup> Year maintenance		Rs. 115.35/- Per Plant	1615
	(3) 3 <sup>rd</sup> Year maintenance		Rs. 41.89/- Per Plant	586

	(4) 4 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	218
	(5) 5 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	218
	(6) 6 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	218
	(7) 7 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	218
	(8) 8 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	218
	(9) 9 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	218
	(10) 10 <sup>th</sup> Year maintenance		Rs. 15.58/- Per Plant	218
	(11) Barbed wire fencing charge= 0.0056 RKM		Rs.76700/- Per RKM	4295
	<b>Sub Total (B) Total Addl. C.A. Charges</b>			<b>13049</b>
C	Penal C.A.			
D	<b>Catchment Area Treatment</b>			
	Soil and Moisture Conservation charges	30% of the Total CA		30762
	<b>Sub Total (D)</b>			
E	Safety Zone			
F	<b>Additional Charges</b>			
	<b>Sub Total (F)</b>			
G	Net Present Value of Forest Land to be diverted = 0.0120ha.	Rs. 887000/- per ha.		10644
H	Felling charges = 0m <sup>3</sup>	Rs.1200 /- per m <sup>3</sup>		0
	<b>GRAND TOTAL (A+D+E+F+G+H+I) to be deposited in CAMPA Fund</b>			<b>156997</b>

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Plantation will be done with 3 strand barbed wire.  
b) Spacement:- 4 × 2½ meter  
c) Species:-  
d) Plantation Method :- Plantation  
e) Soil and Moisture Conservation Works  
f) Protection (Fencing, Watch man, People's Participation etc.): Fencing  
g) Proposed Monitoring Mechanism:- (M&E),  
h) Any Other information:- Nil.

Place:  
Dated

*Divisional Forest Officer*  
Divisional Forest Officer,  
BHIWANI FOREST DIVISION  
Bhiwani  
BHIWANI 9/2/24