

Full Title of the Project:

Diversion of 0.0202 ha. forest land access to IOCL retail outlet (Petrol Pump) along Jhojhu-Satnali road near km. mile stone 29 LHS at Village Kadma, under forest Divin. Bhiwani

File No. : FCA/S/

FP/HR/Approach/35500/2018

Date of Submission:

31.08.2018

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: Jhojhu-Satnali road

Diversion of forest land forPetrol pump.....

Forest Area =0.0202..... ha.

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

DivisionBhiwani..... District ..Bhiwani.....

Tehsil RangeBhiwani.....Damkora Disty. From RD 35-60 L&R.....

Area to be Afforested :- 0.044 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 st Year cost of afforestation	Rs. 359.10 Per Plant
2 nd Year maintenance	Rs. 115.35 Per Plant
3 rd Year maintenance	Rs. 41.89 Per Plant
4 th Year maintenance	Rs. 15.58 Per Plant
5 th Year maintenance	Rs. 15.58 Per Plant
6 th Year maintenance	Rs. 15.58 Per Plant
7 th Year maintenance	Rs. 15.58 Per Plant
8 th Year maintenance	Rs. 15.58 Per Plant
9 th Year maintenance	Rs. 15.58 Per Plant
10 th Year maintenance	Rs. 15.58 Per Plant
Total	Rs. 625.40

Area to be Diverted : .0202 ha.

No. of Trees to be felled : 1 No.

No. of Plants to be damaged : 8

Area to be planted under normal CA : 0.050 (Ten times/ Double the area to be diverted/minimum 50 plants)

Plants to be Planted under normal CA : 0.050 (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= $8 \times 2 = 16$ Plants

Area to planted under Addl. CA : 0.016 (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 0.066 ha.

Total Area to be planted (CA+Addl.CA) : 0.066 ha. (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	50	Rs. 359.10/- Per Plant	17955
	(2) 2 nd Year maintenance		Rs. 115.35/- Per Plant	5768
	(3) 3 rd Year maintenance		Rs. 41.89/- Per Plant	2095
	(4) 4 th Year maintenance		Rs. 15.58/- Per Plant	779
	(5) 5 th Year maintenance		Rs. 15.58/- Per Plant	779
	(6) 6 th Year maintenance		Rs. 15.58/- Per Plant	779
	(7) 7 th Year maintenance		Rs. 15.58/- Per Plant	779
	(8) 8 th Year maintenance		Rs. 15.58/- Per Plant	779
	(9) 9 th Year maintenance		Rs. 15.58/- Per Plant	779
	(10) 10 th Year maintenance		Rs. 15.58/- Per Plant	779
	(11) Barbed wire fencing charge=0.20 RKM		Rs.76700/- Per RKM	15340
	Total Charges			46611
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	4661
	Sub Total (A) Total C.A. Charges			51272
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	16	Rs. 359.10/- Per Plant	5746
	(2) 2 nd Year maintenance		Rs. 115.35/- Per Plant	1846

	(3) 3 rd Year maintenance	Rs. 41.89/- Per Plant	670
	(4) 4 th Year maintenance	Rs. 15.58/- Per Plant	250
	(5) 5 th Year maintenance	Rs. 15.58/- Per Plant	250
	(6) 6 th Year maintenance	Rs. 15.58/- Per Plant	250
	(7) 7 th Year maintenance	Rs. 15.58/- Per Plant	250
	(8) 8 th Year maintenance	Rs. 15.58/- Per Plant	250
	(9) 9 th Year maintenance	Rs. 15.58/- Per Plant	250
	(10) 10 th Year maintenance	Rs. 15.58/- Per Plant	250
	(11) Barbed wire fencing charge= 0.064 RKM	Rs.76700/- Per RKM	4909
	Sub Total (B) Total Addl. C.A. Charges		14921
C	Penal C.A.	-	
D	Catchment Area Treatment		
	Soil and Moisture Conservation charges	30% of the Total CA	15382
	Sub Total (D)		
E	Safety Zone		
F	Additional Charges		
		
		
	Sub Total (F)		
G	Net Present Value of Forest Land to be diverted = 0.0202 ha.	Rs. 887000/- per ha.	17917
H	Felling charges = 1.13m ³	Rs.1200 /- per m ³	1356
	GRAND TOTAL (A+D+E+F+G+H+I) to be deposited in CAMPA Fund		100848

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 x 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: Bhiwani

Dated 15.11.2018


 Divisional Forest Officer
 BHIWANI FOREST DIVISION
 BHIWANI