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Title of the Project: Diversion of 0.1062 ha. forest land access to BPCL retail outlet (Petrol Pump) along Bhiwani-Loharu road (NH-709E) Chainage 135.098 to 135.150 (Old SH-14) at village Lohani (RHS) , under forest Divin. Bhiwani.

File No. : FCA/S/ FP/HR/Approach/36260/2018
Date of Submission: 29.09.2018

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: Bhiwani-Loharu road

Diversion of forest land forPetrol pump.....

Forest Area =0.1062..... ha.

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

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

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

Area to be Afforested :- 0.21 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 : 0.1062 ha.

No. of Trees to be felled : 0

No. of Plants to be damaged : 0

Area to be planted under normal CA : 0.21 (Ten times/ Double the area to be diverted)

Plants to be Planted under normal CA : 0.21 (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)

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

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

Total Area to be planted (CA+Addl.CA) : 0.21 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	212 nos.	Rs. 359.10/- Per Plant	76129
	(2) 2 nd Year maintenance		Rs. 115.35/- Per Plant	24454
	(3) 3 rd Year maintenance		Rs. 41.89/- Per Plant	8880
	(4) 4 th Year maintenance		Rs. 15.58/- Per Plant	3302
	(5) 5 th Year maintenance		Rs. 15.58/- Per Plant	3302
	(6) 6 th Year maintenance		Rs. 15.58/- Per Plant	3302
	(7) 7 th Year maintenance		Rs. 15.58/- Per Plant	3302
	(8) 8 th Year maintenance		Rs. 15.58/- Per Plant	3302
	(9) 9 th Year maintenance		Rs. 15.58/- Per Plant	3302
	(10) 10 th Year maintenance		Rs. 15.58/- Per Plant	3302
	(11) Barbed wire fencing charge=0.848 RKM		Rs.76700/- Per RKM	65041
	Total Charges			197618
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	19761
	Sub Total (A) Total C.A. Charges			217379
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	Rs. 359.10/- Per Plant	
	(2) 2 nd Year maintenance		Rs. 115.35/- Per Plant	
	(3) 3 rd Year maintenance		Rs. 41.89/- Per Plant	

	(4) 4 th Year maintenance		Rs. 15.58/- Per Plant	
	(5) 5 th Year maintenance		Rs. 15.58/- Per Plant	
	(6) 6 th Year maintenance		Rs. 15.58/- Per Plant	
	(7) 7 th Year maintenance		Rs. 15.58/- Per Plant	
	(8) 8 th Year maintenance		Rs. 15.58/- Per Plant	
	(9) 9 th Year maintenance		Rs. 15.58/- Per Plant	
	(10) 10 th Year maintenance		Rs. 15.58/- Per Plant	
	(11) Barbed wire fencing charge= 0.0056 RKM		Rs.76700/- Per RKM	
	Sub Total (B) Total Addl. C.A. Charges			
C	Penal C.A.			
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges	30% of the Total CA		65213
	Sub Total (D)			
E	Safety Zone			
F	Additional Charges			
			
			
	Sub Total (F)			
G	Net Present Value of Forest Land to be diverted = 0.1062 ha.	Rs. 887000/- per ha.		94199
H	Felling charges = 0m ³	Rs.1200 /- per m ³		0
	GRAND TOTAL (A+D+E+F+G+H+I) to be deposited in CAMPA Fund			376791

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:- 4 × 2½ meter
- Species:-
- Plantation Method :- 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

Divisional Forest Officer
Bhiwani
BHIWANI FOREST DIVISION
BHIWANI ✓