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Full Title of the Project : Diversion of 0.0043 ha. of forest land for access to BPCL Retail Outlet on Delhi to Ambala road NH-01(New NH-44), near Km Stone 98, Village Badauli, Tehsil & Distt. Panipat, Division Karnal(Haryana).
File No. :- FP/HR/APPROACH/49300/2020
Date of Proposal :- 02.09.2020.

CHECK LIST SERIAL NUMBER: 18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted: Diversion of 0.0043 ha. of forest land for access to BPCL Retail Outlet on Delhi to Ambala road NH-01(New NH-44), near Km Stone 98, Village Badauli, Tehsil & Distt. Panipat, Division Karnal(Haryana).

Forest Area = 0.0043 Hect.

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

Division :- Karnal District :- Karnal
Tehsil :- Karnal Range :- Karnal

C.A. Site name : **Kurlan Minor RD 0 to tail L&R Side**

Area to be Afforested :- **100 Plants = 0.4 Hec.**

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):-
No, the site selected for compensatory Afforestation is not a land bank. It is a Degraded Forest Land.
- b) If the CA site is other than the land bank, reasons be given:- **There is no land available in the land bank in Karnal. Plantation will be carried out in protected forest area.**
- c) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :- **C.A. will be carried out in protected forest Area.**
- i) Soil type: Sandy Loam
- 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. 347.08/- per day as under:- (inclusion with 10% per year future maintenance cost Norms)

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 395/- Per Plant
2 nd Year maintenance	Rs. 138/- Per Plant
3 rd Year maintenance	Rs. 55/- Per Plant
4 th Year maintenance	Rs. 22/- Per Plant
5 th Year maintenance	Rs. 24/- Per Plant
6 th Year maintenance	Rs. 26/- Per Plant
7 th Year maintenance	Rs. 27/- Per Plant
8 th Year maintenance	Rs. 28/- Per Plant
9 th Year maintenance	Rs. 30/- Per Plant
10 th Year maintenance	Rs. 32/- Per Plant
Total	

Area to be Diverted :- **0.0043ha.**

No. of trees to be felled :- 0

Plants to be damaged:- 0

Plants to be planted (Ten time of the trees to be felled): NA

Area to be Planted = Double area @ 1000 plant per ha. = NA

Minimum Plants to be Planted: - (CA) 100 Plants

CA RKM100/250 = 0.4 RKM

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

Sr. No.	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	100 Plants	Rs. 395/- Per Plant	39500
	(2) 2 nd Year maintenance		Rs. 138/- Per Plant	13800
	(3) 3 rd Year maintenance		Rs. 55/- Per Plant	5500
	(4) 4 th Year maintenance		Rs. 22/- Per Plant	2200
	(5) 5 th Year maintenance		Rs. 24/- Per Plant	2400
	(6) 6 th Year maintenance		Rs. 26/- Per Plant	2600

	(7) 7 th Year maintenance		Rs. 27/- Per Plant	2700
	(8) 8 th Year maintenance		Rs. 28/- Per Plant	2800
	(9) 9 th Year maintenance		Rs. 30/- Per Plant	3000
	(10) 10 th Year maintenance		Rs. 32/- Per Plant	3200
	(11) Barbed wire fencing charge=0.4 RKM		Rs.200000/-Per RKM	80000
	Total CA Charges			157700
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges		15770
	Sub Total (A) Total C.A. Charges			173470
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	NIL	Rs. 395/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 138/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 55/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 22/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 24/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 26/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 27/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 28/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 30/- Per Plant	0
	(10) 10 th Year maintenance		Rs. 32/- Per Plant	0
	Barbed wire fencing charge= 0.0RKM		Rs.200000/-Per RKM	0
	Sub Total (B) Total Addl. C.A. Charges			0
C	Penal C.A.	-		NA
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges	30% of the Total CA		52041
	Sub Total (D)			52041
E	Safety Zone			NA
F	Additional Charges			
	Tree Guard @2000x100			0
			0
	Sub Total (F)			
G	Net Present Value of Forest Land to be diverted 0.0043 Hect.	Rs. 887000/- per ha.		3814
H	Felling charges Nil	Rs.1400 /- per m ³		0
I	Plantation damage charges = Not app	Rs. 236/- per plant		0
	GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund			229325

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Detail :-** Compensatory Afforestation will carried out along With,
Kurlan Minor RD 0 to tail L&R Side.
- b) **Spacing:-** 4x4mtr a Part
- c) **Species:-** Neem & Shisham, Jamun/Jamoa etc.
- d) **Plantation method :-** Tall Plantation
- e) **Soil and Moisture Conservation Works :-** -Nil-
- f) **Protection (Fencing, Watch man, People's, Participation etc) :-** Fencing
- g) **Proposed Monitoring Mechanism: -** Checking of Plantation work will be done by
RFO, DCF, CF&DCF(M&E)
- h) **Any other information :-** Nil

Place:- Karnal


Divisional Forest Office
Divisional Forest Division
KARNAL
Karnal Forest Officer,
Karnal.