

Full Title of Project Diversion of 0.0052 ha. Forest land for access to Petrol Pump of HPCL Oil Ltd along Bayal-Golwa link road Village Bayal, Distt. Mahendergarh, Haryana.

File No. FP/HR/other/8110/2014
Date of Proposal : 16.12.2014

CHECK LIST SERIAL NUMBER :- 18

"SCHEME FOR C.A./Penal C.A." (Model-1)

Name of the Forest/Reach to be diverted Retail Outlet Bayal-Golwa link road Village Bayal, Distt. Mahendergarh, Haryana.

Forest Area = 0.0052 ha.

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

Division Mahendergarh District Mahendergarh Tehsil Narnaul

Village Bayal Range Nangal Chaudhary C.A. Site Name R.F. Niyazalipur Area to be afforested :-

- i) Whether the site selected for Compensatory Afforestation is a Land bank or Not :-
No, the site selected for compensatory afforestation is not a land bank.
- ii) If the CA site is other than the land bank, reasons be given :- There is no land bank in District Mahendergarh. **Plantation will be done in Reserve Forest areas.**
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
- iii) Soil type Sandy Loam
- iv) Topography a. Hilly/Undulating/Plain :
b. Slope :- Steep/Medium/Gentle
- v) 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 plantation norms at 4m x 4m spacing and 250 plants per RKM. At present the wage rate is Rs. 205/- per day, since the plantation targets against this CA scheme probability be allotted after 2-3 years. So the new scheme will be prepared as per the approx. wage rate after 2 years and the year wise maintenance as per the approx rise in wage rates time to time.

S.No.	Year	Rate Per Plant
1	1 st Year Plantation	Rs. 130/- Per Plant
2	2 nd Year Plantation	Rs. 49/- Per Plant
3	3 rd Year Plantation	Rs. 24/- Per Plant
4	4 th Year Plantation	Rs. 21/- Per Plant
5	5 th Year Plantation	Rs. 20/- Per Plant
6	6 th Year Plantation	Rs. 26/- Per Plant
7	7 th Year Plantation	Rs. 20/- Per Plant
8	8 th Year Plantation	Rs. 31/- Per Plant
9	9 th Year Plantation	Rs. 24/- Per Plant
10	10 th Year Plantation	Rs. 26/- Per Plant
Total Cost		Rs. 372

Area to be Diverted = 0.0052 ha.

Area to be planted (one/two/ten times the diverted area) = 0.0104 ha.

No. of trees to be felled = Nil

No. of plants to be damaged = 12 No.

Number of Plants to be Planted [@ 1000 Plant Per Hectare] = 20 Plants

S.N.	DESCRIPTION		Rate	Total Amount (Rs.)
(A)	Net Present Value of Forest Land to be diverted		Rs. 8.87 Lacs/ha	4612
(B)	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	20	Rs. 130/- Per Plant	2600
	(2) 2 nd Year maintenance	20	Rs. 49/- Per Plant	980
	(3) 3 rd Year maintenance	20	Rs. 24/- Per Plant	480
	(4) 4 th Year maintenance	20	Rs. 21/- Per Plant	420
	(5) 5 th Year Maintenance	20	Rs. 20/- Per Plant	400
	(6) 6 th Year Maintenance	20	Rs. 26/- Per Plant	520
	(7) 7 th Year Maintenance	20	Rs. 20/- Per Plant	400
	(8) 8 th Year Maintenance	20	Rs. 31/- Per Plant	620
	(9) 9 th Year Maintenance	20	Rs. 24/- Per Plant	480
	(10) 10 th Year Maintenance	20	Rs. 26/- Per Plant	520
	(11) Barbed wire fencing charge	0.08 RKM	Rs. 65000/- Per RKM	5200
Total C.A. charges (1 to 11)				12620

(C)	Supervisory/Overhead/Miscellaneous Charges	10% on the total CA charges	1262
TOTAL			13882
(D)	1) Felling Charges Volume = Nil ---- m ³	--	Rs. 720/- per m ³
	2) Plantation damage charges	12	Rs. 200/- per plant
(E)	Any other charges (if necessary)		--
Total (A+B+C+D+E)[To be deposited in CAMPA fund]			16282
GRAND TOTAL			Or Say 16290

2. Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

- General Details :- Plantation will be done with 3 strand barbed wire in Reserve Forest area.
GPS Coordinate North 27°55'11.2" East 76°00'40.4"
- Spacement :- 4 x 4 meter
- Species :- Neem, Bakain, P.Papri, Cassia fistula, Cordia myxa, Zyzyphus mauritiana, Albizia lebbeck, Morus Alba etc.
- Plantation Method :- Tall Plantation .
- Soil and Moisture Conservation Works :- Nil
- Protection (Fencing, Watch man, People's Participation etc): - Fencing
- Proposed Monitoring Mechanism :- (M & E)
- Any other information: - N.A.

Divisional Forest Officer
Divisional Forest Officer
Mahendergarh Forest Division

Note :-

CF (T) should countersign this C.A. scheme if area to be afforested is more than 5 hectare.