

Full Title of the Project: Diversion of 0.0056 Hac. of forest Land for access to Petrol Pump of IOCL along Makrola approach road km. 1-2 L/Side at village Makrola in District and forest Division Gurgaon.

File No. :

FP/HR/OTHERS/10071/2015

Date of Proposal:

CHECK LIST SERIAL NUMBER: - 18

"SCHEME FOR COMPENSATORY AFFORESTATION

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of **0.0056 Hec.** of forest land for **construction of road access to Petrol Pump at Village Makrola in Distt. Gurgaon.**

1. Details of degraded forest land/non-forest land: -

District: **-Gurgaon**

Tehsil: **Gurgaon**

Forest Division: **- Gurgaon**

Range: **Gurgaon**

Block/Compt/Survey No.: **- Sarbasirpur Reserve Forest**

Area to be afforested: **- 20 Plants will be planted**

GPS Reading:- N 28 28 09.19 E 76 49 04.47 N 28 27 34.19 E 76 48 37.14
 N 28 28 12.89 E 76 48 42.82 N 28 28 00.26 E 76 48 33.64

2. Description of the Area:-

- Whether the site selected for Compensatory Afforestation is a land bank (Yes or No):- **the site selected for Compensatory Afforestation is not a land bank.**
- If the CA site is other than the land bank, reasons are given:-**There is no land bank in District Gurgaon. Plantation will be carried out along Sarbasirpur Reserve Forest**
- In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: **- CA will be carried out along Sarbasirpur Reserve Forest**
- d) Soil type: **- Arid brown soil with texture varies from sandy loam to clay.**
- Topography:-
 - a. Hilly/Undulating/Plain **Plain**
 - b. Slope: **- Steep/Medium/Gentle** **Gentle**
- f) Whether the area is bearing any root stock of vegetation:- **No**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under:

4. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The Plantation is calculated for **Tall Plants** norms at **4m X 4m** spacing and **250 plants per RKM** and it is approved by the PCCF, Haryana's letter No. **D-X-66-/1605-25 dated 06.06.2012**. The wage rate's of Gurgaon Forest Division has been revised at **Rs.300/- per day** as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	303/-
2	2 nd Year Maintenance	200/-
3	3 rd Year Maintenance	111/-
4	4 th Year Maintenance	55/-
5	5 th Year Maintenance	60/-
6	6 th Year Maintenance	66/-
7	7 th Year Maintenance	73/-
	Total Cost.	868/-

Area to be diverted: 0.0056 Hec.

Area to be planted (One two ten times the diverted area) = 20 Plants. (4x4)

No. of trees to be felled= Nil

No. of Plants to be damaged=Nil

Number of Plants to be planted (@ 1000 Plant per Hec.) = 20 Plants

S.No.	Description	Rate	Total amount (Rs.)
A	Net Present Value of Forest Land to be diverted = 0.0056 Hec.	Rs. 8.87 Lacs/ha.	4967-00
B	Compensatory Afforestation Charges	No. of Plants	
1	1 st Year Plantation	20	303/- Per Plant 6060-00
2	2 nd Year Maintenance	20	200/- Per Plant 4000-00
3	3 rd Year Maintenance	20	114/- Per Plant 2220-00
4	4 th Year Maintenance	20	55/- Per Plant 1100-00
5	5 th Year Maintenance	20	60/- Per Plant 1200-00
6	6 th Year Maintenance	20	66/- Per Plant 1320-00
7	7 th Year Maintenance	20	73/- Per Plant 1460-00
8	Barbed wire fencing charge = 0.25 RKM	Rs.103000 per km	25750-00
	Total charges of (B above)		43110-00
(C)	Supervisory/Overhead/Miscellaneous Charges	10% on the total CA charges	4311-00
	TOTAL C.A Charge (B+C)		47421-00
(D)	Felling charges Volume= Nil	Rs.900/- per m3	00-00
(E)	Plantation damage charges. = Nil	Rs. 600/- per plant	00-00
	Total D+E		00-00
(F)	Exigency Charges 3% of the Total Cost of C.A. (B+C)		1423-00
	GRAND TOTAL (A+B+C+D+E+F) to be deposited in CAMPA fund		53811-00 or Say 53820-00

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: - **Plantation will be done with 3 strand barded wire along Sarbasirpur Reserve Forest**
- Spacing: - **4m X 4m T.P. Planting**
- Species: - **Neem & Jaamun.**
- Plantation Method: - **Pit Plantation**
- Soil and Moisture Conservation Works: - **Nil**
- Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- Proposed Monitoring Mechanism: - **Checking of plantation works will be RFO, DCF, CF, and DCF, (M&E)**
- Any other information: - **Nil**

Dated... 13/8/2015

Place: - **Gurgaon**