

**Full Title of the Project:** Diversion of 0.09395 hac. ( instead of 0.0083 hac.) of forest land for approach access to the proposed retail outlet of Indian Oil Corporation Ltd. on Gurugram-Farrukhnagar Road Km 18-19 L/side in Village Sultanpur , under Forest Divison & Distt. Gurugram.

**File No. :** FP/HR/Approach/149810/2021

**Date of Proposal:** -----

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

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.09395 hac of forest land for road access to the proposal retail outlet of Indian Oil Corporation Ltd. on Gurugram-Farrukhnagar Road KM 18-19 L/side in village Sultanpur, under Forest Divison & Distt. Gurugram.

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

District: -Gurugram	Tehsil: Gurugram
Forest Division: - Gurugram	Range: Hailymandi
Block/Compt/Survey No.:-	Sarbasirpur reserve Forest
Area to be afforested:	520 plants will be planted.
GPS Reading:- i) N 28°27'53.92" E 76°48'41.00" ii) N 28°27'58.20" E 76°48'42.02"	

As per the provisions of the guidelines issued by MoEF&CC dated 21.08.2023, the proposals involving area up to 1 ha are exempted from raising compensatory afforestation, however in such cases, plantation of 10 times project affected trees subject to minimum of 100 trees is to be undertaken in degraded forest land. Therefore, compensatory planation scheme for 10 times the project affected tree has been proposed in the degraded forest land in RF Sarbasirpur, Gurugram

**2. Description of the Area:-**

- a) 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.
- b) 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 in Sarbasirpur Reserve Forest
- c) 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 in Sarbasirpur Reserve Forest
- d) Soil type: - Arid brown soil with texture varies from sandy loam to clay.
  - a. Hilly/Undulating/Plain Plain
  - b. Slope: - Steep/Medium/Gentle Gentle
- e) Whether the area is bearing any root stock of vegetation:- No

**3. Plantation Model:-**

Sarbasirpur (CA Site) have vegetation cover with canopy of *Prosopis juliflora*, which is invasive species and has been suppressing native vegetation of the area. Also, previously area was planted with Eucalyptus species. A large no of Eucalyptus trees have dried due to water stress in the area. It is proposed that the Compensatory Afforestation shall be done by removing/felling of dead/dry Eucalyptus trees. Further, *Prosopis juliflora* canopy is proposed to be systematically opened and native plants are to be planted in place. 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 cost is calculated for planting of plants according to PCCF, Haryana Panchkula letter no. FCA/396 dt. 15.05.2023 (In plain regions) . The wages rate of is assumed at Rs 445/- per day in year 2024-25. 100 pits would be dug up in 0.1 hectare of land at 4 mtr x 2.5 mtr spacing. Per hectare cost of plantation is as under:

Sr. No.	Year	Cost norm per plant
1	1 <sup>st</sup> Year Plantation	₹ 469.74
2	2 <sup>nd</sup> Year Maintenance	₹ 173.96
3	3 <sup>rd</sup> Year Maintenance	₹ 78.48
4	4 <sup>th</sup> Year Maintenance	₹ 20.59
5	5 <sup>th</sup> Year Maintenance	₹ 20.59
6	6 <sup>th</sup> Year Maintenance	₹ 20.59
7	7 <sup>th</sup> Year Maintenance	₹ 20.59
8	8 <sup>th</sup> Year Maintenance	₹ 20.59
9	9 <sup>th</sup> Year Maintenance	₹ 20.59
10	10 <sup>th</sup> Year Maintenance	₹ 20.59
	<b>Total Cost.</b>	<b>₹ 866.30</b>

Area to be diverted: 0.09395 Hac.

Area to be planted (One/two/ten times the diverted area) = 520 Plants will be planted.

No. of trees to be felled= 42

No. of Plants to be damaged=10

Number of Plants to be planted (@ 1000 Plant per Hec.) = 520 Plants will be planted


Sr.No.	Description	Total Area	Rate	Total Amount. (Rs.)
	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	520	469.74/- Per Plant	244264.80
2	2nd Year Plantation	520	173.96/- Per Plant	90459.20
3	3rd Year Plantation	520	78.48/- Per Plant	40809.60
4	4th Year Plantation	520	20.59/-Per Plant	10706.80
5	5th Year Plantation	520	20.59/-Per Plant	10706.80
6	6th Year Plantation	520	20.59/-Per Plant	10706.80
7	7th Year Plantation	520	20.59/-Per Plant	10706.80
8	8th Year Plantation	520	20.59/-Per Plant	10706.80
9	9th Year Plantation	520	20.59/-Per Plant	10706.80
10	10th Year Plantation	520	20.59/-Per Plant	10706.80
A	Total Charges of (A Above)			450481.20
B	Barbed Wire Fencing Charge	0	Rs. 300000/- Per RKM	0.00
C	Supervisory/Overhead/Miscellaneous Charges		20% On the total CA Charges	90096.24
D	Felling Charge	9.29	Rs. 1200/m3	11148.00
<b>TOTAL (A+B+C+D)</b>				<b>5,51,725.44</b>

**5 Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done on Sarbasirpur Reserve Forest**
- b) Spacing: - **4m X 2.5 m Plantation**
- c) Species: - **Neem**
- d) Plantation Method: - **Tall Plant**
- e) Soil and Moisture Conservation Works: - **Nil**
- f) Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- g) Proposed Monitoring Mechanism: - **Checking of plantation works will be RFO, DCF, CF, and DCF, (M&E)**
- h) Any other information: - **Nil**

Date.....  
Place: Gurugram

  
Divisional Forest Officer  
Gurugram