

**Full Title of the Project:** Diversion of 0.0103 hac. of Forest Land for construction of road access for Establishment of Hot mix plant, wet mix plant and HSD pump on Palwal-Sohna-Rewari road km 17-18 L/side at village Kiranj, under Forest Division & Distt. Gurugram.

**File No. :**

FP/HR/Approach/144428/2021

**Date of Proposal:**

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**CHECK LIST SERIAL NUMBER: - 18**

**"SCHEME FOR COMPENSATORY AFFORESTATION"**

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.0103 Hec. of forest land for construction of road access for Establishment of Hot mix plant, wet mix plant and HSD pump on Palwal-Sohna-Rewari road km 17-18 L/side at village Kiranj, Under Forest Division and Distt. Gurugram..

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

District: -Gurugram

Tehsil: Gurugram

Forest Division: - Gurugram

Range: Sohna

Block/Compt/Survey No.:-

Uleta Minor RD 0-1 R/side

Area to be afforested:

100 plants will be planted.

GPS Reading:- N 28°12'37" E 77° 10' 12" N 28°12'33" E 77° 10' 12"

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 along Uleta Minor RD 0-1 R/side
- 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 along Uleta Minor RD 0-1 R/side
- d) Soil type: - Arid brown soil with texture varies from sandy loam to clay.
- Topography:-
  - a. Hilly/Undulating/Plain
  - b. Slope: - Steep/Medium/Gentle
- f) Whether the area is bearing any root stock of vegetation:-

Hilly

Gentle

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 2.5m spacing as per PCCF, Haryana letter no. 232 dated 11.06.2021 at the wages rate of Rs.363.77/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 <sup>st</sup> Year Plantation	387.05/- Per Plant
2	2 <sup>nd</sup> Year Maintenance	124.32/- Per Plant
3	3 <sup>rd</sup> Year Maintenance	45.14/- Per Plant
4	4 <sup>th</sup> Year Maintenance	16.78/- Per Plant
5	5 <sup>th</sup> Year Maintenance	16.78/- Per Plant
6	6 <sup>th</sup> Year Maintenance	16.78/- Per Plant
7	7 <sup>th</sup> Year Maintenance	16.78/- Per Plant
8	8 <sup>th</sup> Year Maintenance	16.78/- Per Plant
9	9 <sup>th</sup> Year Maintenance	16.78/- Per Plant
10	10 <sup>th</sup> Year Maintenance	16.78/- Per Plant
	<b>Total Cost.</b>	<b>673.97/-</b>



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Area to be diverted: **0.0103 Hec.**

Area to be planted (One/two/ten times the diverted area) = **100 Plants will be planted**

No. of trees to be felled= **Nil**

No. of Plants to be damaged= **Nil**

Number of Plants to be planted (@ 1000 Plant per Hec.) = **100 Plants will be planted**

Sr. No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.0103	Rs. 8.87 Lacs/Ha.	9136.10
	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	100	387.05/- Per Plant	38705.00
2	2nd Year Plantation	100	124.32/- Per Plant	12432.00
3	3rd Year Plantation	100	45.14/- Per Plant	4514.00
4	4th Year Plantation	100	16.78/- Per Plant	1678.00
5	5th Year Plantation	100	16.78/- Per Plant	1678.00
6	6th Year Plantation	100	16.78/- Per Plant	1678.00
7	7th Year Plantation	100	16.78/- Per Plant	1678.00
8	8th Year Plantation	100	16.78/- Per Plant	1678.00
9	9th Year Plantation	100	16.78/- Per Plant	1678.00
10	10th Year Plantation	100	16.78/- Per Plant	1678.00
B	Total Charges of (B Above)			67397.00
C	Barbed Wire Fencing Charge	0.5	Rs. 200000/- Per RKM	100000.00
D	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	6739.70
E	Soil & Moisture Vonservation Charges		30% of Total CA	20219.10
F	Felling Charges Volume=	0.00	Rs.1200/- per m3	0.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)			6104.76
<b>TOTAL (A+B+C+D+E+F+G)</b>				<b>209596.66 or say 209597.00</b>

##### 5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: - **Plantation will be done in Uleta Minor RD 0-1 R/side**
- Spacing: - **4m X 2.5 m Plantation**
- Species: - **Neem, Arjun etc.**
- Plantation Method: - **Tall Plant**
- 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**

Divisional Forest Officer  
Gurugram

Date... 10/11/2021

Place :- Gurugram