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**Full Title of the Project:** Diversion of 0.87 hac. of forest land for Developing of WBM pedestrian road on right side of Gurgaon Canal RD 66500 to 67900., Under Forest Division and Distt. Gurugram.

**File No. :** **FP/HR/ROAD/30738/2017**

**Date of Proposal:** \_\_\_\_\_

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

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.87 hac. of forest land **Developing of WBM pedestrian road on right side of Gurgaon Canal RD 66500 to 67900, Under Forest Division and Distt. Gurugram.**

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

District: **-Gurugram** Tehsil: **Gurugram**  
Forest Division: **- Gurugram** Range: **Gurugram**  
Block/Compt/Survey No.: **- Gurgaon-Canal RD 76-89 L&R/side**  
Area to be afforested: **1740 Plants and 40 Addl. Plants will be Planted**  
GPS Reading:- **N 28° 25' 36.26" E 76° 56' 36.08"**

**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 Gurugram. Plantation will be carried along Gurgaon Canal RD 76-89 L&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 out along Gurgaon Canal RD 76-89 L&R/side**
- 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 **Plantation as per Tall Plants. At 5m X 4m spacing and 250 plants per Hec.** at the wages rate approved at **Rs.318.46/-** per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 <sup>st</sup> Year Plantation	222/- Per Plant
2	2 <sup>nd</sup> Year Maintenance	72/- Per Plant
3	3 <sup>rd</sup> Year Maintenance	45/- Per Plant
4	4 <sup>th</sup> Year Maintenance	35/- Per Plant
5	5th Year Maintenance	37/- Per Plant
6	6th Year Maintenance	20/- Per Plant
7	7th Year Maintenance	11/- Per Plant
8	8th Year Maintenance	12/- Per Plant
9	9th Year Maintenance	15/- Per Plant
10	10th Year Maintenance	13/- Per Plant
	<b>Total Cost.</b>	<b>482 -/-</b>



Area to be diverted: **0.87 hac.**

Area to be planted (One/two/ten times the diverted area) = **1740 Plants and 40 Addl. Plants (5mx4m)**

No. of trees to be felled= **06**

No. of Plants to be damaged= **20**

Number of Plants to be planted (@ 1000 Plant per Hec.) = **1740 Plants and 40 Addl. Plants**

	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.87	Rs. 8.87 Lacs/Ha.	771690.00
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	1740	222/- Per Plant	386280.00
2	2nd Year Plantation	1740	72/- Per Plant	125280.00
3	3rd Year Plantation	1740	45/- Per Plant	78300.00
4	4th Year Plantation	1740	35/- Per Plant	60900.00
5	5th Year Plantation	1740	37/- Per Plant	64380.00
6	6th Year Plantation	1740	20/- Per Plant	34800.00
7	7th Year Plantation	1740	11/- Per Plant	19140.00
8	8th Year Plantation	1740	12/- Per Plant	20880.00
9	9th Year Plantation	1740	15/- Per Plant	26100.00
10	10th Year Plantation	1740	13/- Per Plant	22620.00
	Total Charges of (B Above)			838680.00
	Additional Compensatory Afforestation Scheme			
C	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	40	222/- Per Plant	8880.00
2	2nd Year Plantation	40	72/- Per Plant	2880.00
3	3rd Year Plantation	40	45/- Per Plant	1800.00
4	4th Year Plantation	40	35/- Per Plant	1400.00
5	5th Year Plantation	40	37/- Per Plant	1480.00
6	6th Year Plantation	40	20/- Per Plant	800.00
7	7th Year Plantation	40	11/- Per Plant	440.00
8	8th Year Plantation	40	12/- Per Plant	480.00
9	9th Year Plantation	40	15/- Per Plant	600.00
10	10th Year Plantation	40	13/- Per Plant	520.00
	Total Charges of (C Above)			19280.00
D	Barbed Wire Fencing Charge	5	Rs. 160000 per km.	800000
	Total Charges of (B+C+D Above)			1657960.00
E	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	165796
F	Felling Charges Volume=	0.976	Rs.1200/- per m3	1171.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G )			77899.00
	TOTAL (A+B+C+D+E+F+G)			2674516.00

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5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done in Gurgaon Canal RD 76-89 L&R/side**
- b) Spacing: - **5m X 4m Plantation**
- c) Species: - **Alanthas Neem etc.**
- 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.....24/5/18.  
Place :- Gurugram.

Divisional Forest Officer  
Divisional Forest Division  
Office Seelgaon