

**Full Title of the Project:** Diversion of 0.077 Hac. of forest Land for Construction of Road Over Bridge between L-xing 29 & 30 at Railway Km. 37/3-4 on Delhi-Rewari Railway Section near Basai Dhankot Railway Station on Dwarka Expressway.  
**File No. :** FP/HR/RAIL/12879/2015

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

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

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.077 Hec. of forest land for Construction of Road Over Bridge between L-xing 29 & 30 at Railway Km. 37/3-4 on Delhi-Rewari Railway Section near Basai Dhankot Railway Station on Dwarka Expressway.

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

District: -Gurgaon Tehsil: Gurgaon  
 Forest Division: - Gurgaon Range: Gurgaon  
 Block/Compt/Survey No.: - Sirbasirpur Reserve Forest.  
 Area to be Afforested:- 200 Plants will be planted  
 GPS Reading N 28 27 59.98 E 76 48 21.66 N 28 27 36.65 E 76 48 51.71  
 N 28 27 38.78 E 76 48 19.62 N 28 27 43.20 E 76 48 34.32

**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 in Sirbasirpur 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 in Sirbasirpur Reserve Forest.**
- d) Soil type: - **Arid brown soil with texture varies from sandy loam to clay.**
- e) Topography:-
  - Hilly/Undulating/Plain **Plain**
  - 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 <sup>st</sup> Year Plantation	
2	2 <sup>nd</sup> Year Maintenance	363/-
3	3 <sup>rd</sup> Year Maintenance	200/-
4	4 <sup>th</sup> Year Maintenance	111/-
5	5 <sup>th</sup> Year Maintenance	55/-
6	6 <sup>th</sup> Year Maintenance	60/-
7	7 <sup>th</sup> Year Maintenance	66/-
	<b>Total Cost.</b>	<b>73/-</b>
		<b>868/-</b>

Area to be diverted: 0.077 Hec.  
 Area to be planted (One/two/ten times the diverted area) = 200 Plants. (4x4)  
 No. of trees to be felled= 15 trees  
 No. of Plants to be damaged= Nil  
 Number of Plants to be planted (@ 1000 Plant per Hec.) = 200 Plants

S.No.	Description	Rate	Total amount (Rs.)
1	Net Present Value of Forest Land to be diverted = 0.077 Hac.	Rs. 8.87 Lacs/ha.	68299-00
2	Compensatory Afforestation Charges	No. of Plants	
3	1 <sup>st</sup> Year Plantation	200	303/- Per Plant 60600-00
4	2 <sup>nd</sup> Year Maintenance	200	200/- Per Plant 40000-00
5	3 <sup>rd</sup> Year Maintenance	200	111/- Per Plant 22200-00
6	4 <sup>th</sup> Year Maintenance	200	55/- Per Plant 11000-00
7	5 <sup>th</sup> Year Maintenance	200	60/- Per Plant 12000-00
8	6 <sup>th</sup> Year Maintenance	200	66/- Per Plant 13200-00
9	7 <sup>th</sup> Year Maintenance	200	73/- Per Plant 14600-00
10	Barbed wire fencing charge = 0.25 RKM	Rs.103000 per km	25750-00
	<b>Total charges of (B above)</b>		<b>199350-00</b>
(C)	Supervisory/Overhead/Miscellaneous Charges	10% on the total CA charges	19935-00
	<b>TOTAL C.A Charge (B+C)</b>		<b>219285-00</b>
(D)	Felling charges Volume= 5.60	Rs.900/- per m3	5040-00
(E)	Plantation damage charges. = Nil	Rs. 600/- per plant	0-00
	Total (D)		5040-00
(F)	Exigency Charges 3% of the Total Cost of C.A. (B+C)		6579-00
	<b>GRAND TOTAL (A+B+C+D+E+F) to be deposited in CAMPA fund</b>		<b>299203-00 Or Say 299210-00</b>

**5. Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done in Sirbasirpur Reserve Forest**
- b) Spacing: - **4m X 4m T.P. Planting**
- c) Species: - **Masquite & A.Totlas etc.**
- d) Plantation Method: - **Pit Plantation**
- 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**

Dated.....  
 Place: - **Gurgaon**

Dy. Conservator of Forests, *9/c*  
 .....Forest Division *12*