

Full Title of the Project: Diversion of 0.1218 Hec. forest Land for the work of Providing side drain on S/R by Providing raising on Gurgaon Pataudi road to Dhorka Km. 0.00 to 1.50 in District Gurgaon, Haryana
File No. : FP/HR/ROAD/14117/2015
Date of Proposal: _____

CHECK LIST SERIAL NUMBER: - 18

“SCHEME FOR COMPENSATORY AFFORESTATION

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of **0.1218 Hec.** of forest land for the work of Providing side drain on S/R by Providing raising on Gurgaon Pataudi road to Dhorka Km. 0.00 to 1.50 in District Gurgaon, Haryana.

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

District: **-Gurgaon** Tehsil: **Gurgaon**
 Forest Division: **- Gurgaon** Range: **Gurgaon**
 Block/Compt/Survey No.: **- Manesar Section 4 & 5 of PLPA 1900**
 Area to be afforested: **- 244 Plants will be planted**
 GPS Reading:- **N 28° 25' 54.09" E 76° 45' 15.6" N 28° 25' 54.1" E 76° 45' 15.3"**

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 in Manesar Section 4 & 5 of PLPA 1900**
- 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 Manesar Section 4 & 5 of PLPA 1900**
- 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 Revitalization of Institutions for Aravalli.** at **5m X 4m** spacing and **500 plants per Hac.** at the wages rate approved at **Rs.292.31/-** per day as under:-

<i>Sr. No.</i>	<i>Year</i>	<i>Cost norm per plant</i>
<i>1</i>	1 st Year Plantation	171/- Per Plants
<i>2</i>	2 nd Year Maintenance	52/- Per Plants
<i>3</i>	3 rd Year Maintenance	44/- Per Plants
<i>4</i>	4 th Year Maintenance	48/- Per Plants
<i>5</i>	5th Year Maintenance	62/- Per Plants
<i>6</i>	6th Year Maintenance	68/- Per Plants
<i>7</i>	7th Year Maintenance	75/- Per Plants
<i>8</i>	8th Year Maintenance	48/- Per Plants
<i>9</i>	9th Year Maintenance	44/- Per Plants
<i>10</i>	10th Year Maintenance	48/- Per Plants
	Total Cost.	660 /-

Area to be diverted: 0.1218 Hec.

Area to be planted (One/two/ten times the diverted area) = 244 Plants. (5mx4m)

No. of trees to be felled= 03 Trees

No. of Plants to be damaged=Nil

Number of Plants to be planted (@ 1000 Plant per Hec.) = 244 Plants

69

S.No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.1218	Rs. 8.87 Lacs/Ha.	108037.00
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	244	171/- Per Plant	41724.00
2	2nd Year Plantation	244	52/- Per Plant	12688.00
3	3rd Year Plantation	244	44/- Per Plant	10736.00
4	4th Year Plantation	244	48/- Per Plant	11712.00
5	5th Year Plantation	244	62/- Per Plant	15128.00
6	6th Year Plantation	244	68/- Per Plant	16592.00
7	7th Year Plantation	244	75/- Per Plant	18300.00
8	8th Year Plantation	244	48/- Per Plant	11712.00
9	9th Year Plantation	244	44/- Per Plant	10736.00
10	10th Year Plantation	244	48/- Per Plant	11712.00
	Total Plantation			161040.00
C	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	16104.00
	As the Scheme is site Specific Barbed wire will not be charged.			
D	Site Specific requirements for plantation Aravalli Hill's (area closed under Section 4&5 of PLPA 1900)			
1	Peripheral Trenches 1M*1M*200 in the Aravalli Areas			19230.00
2	Loose Stone Wall 200x1.25x0.75			71860.00
3	Clearing of Mesquite stumps including pruning of Singled shoots in first year X 2			839.00
4	Kikar Sowing in Peripheral Trench			6424.00
4 (a)	First Clearing and spacing of Kikar Sowing			4234.00
4 (b)	Line Sowing of Kikar Seeds			1059.00
	Total Site Specific Requirement Charge (D)			103646.00
E	Felling Charges Volume=	0.42	Rs.1200/- per m3	504.00
F	Plantation Damage Charges.=	0	Rs. 600/-Plant	0.00
	Total (E+F)			504.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)			11680.00
	GRAND TOTAL (A+B+C+D+E+F+G) TO BE DEPOSITED IN CAMPA FUND			401011.00 or say 401020.00

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done in Manesar Section 4 & 5 of PLPA 1900**
- b) Spacing: - **5m X 4m Plantation**
- c) Species: - **Native Species of Aravalli**
- d) Plantation Method: - **Trench cum Pit Method**
- e) Soil and Moisture Conservation Works: - **Nil**
- f) Protection (Fencing, Watch man, People's Participation etc.): - **Protection measures are included in site specific**
- g) Proposed Monitoring Mechanism: - **Checking of plantation works will be RFO, DCF, CF, and DCF, (M&E)**
- h) Any other information: - **Nil**

Date... 15/03/2016
Place :- Gurgaon.

Dy. Conservator of Forests,
Dy. Conservator of Forests
Office Seal Forest Division
GURGAON