

Full Title of the Project: Diversion of 0.2606 ha of forest land for laying of water pipeline 500mm/d M.S. Pipes through protected forest Bir Ghaggar under forest division Morni Pinjore Distt Panchkula (Haryana)

File No. : **FP/HR/Water/13953/2015**

Date of Proposal: 15-07-2015

CHECK LIST SERIAL NUMBER: - 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for Compensatory Afforestation in lieu of Diversion of 0.2606 ha of forest land for laying of water pipeline 500mm/d M.S. Pipes through protected forest Bir Ghaggar under forest division Morni Pinjore Distt Panchkula (Haryana)

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

District: -Panchkula

Tehsil: Panchkula

Forest Division: -Morni Pinjore Territorial Division Pinjore

Range: Panchkula

Block/Compt/Survey No.: - R 71 C 2

Area to be Afforested:- 0.2606 x 2 Ha = 0.5212

GPS Reading : 30°42'47.06"N 76°53'37.34"E

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 Panchkula. Plantation will be carried out.**
- In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - **With in Forest**
- d) Soil type: - **Arid brown soil with texture varies from sandy loam to clay.**
 - Topography:-
 - a. Hilly/Undulating/Plain **Undulating**
 - 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 **Tall Plants** norms at 4m X 4m spacing and it is approved by the PCCF, Haryana's letter No. Misc-45/4495-4556 dated 25-03-2014 and at the wages rate of Rs.213.35/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	139/-
2	2 nd Year Maintenance	48/-
3	3 rd Year Maintenance	21/-
4	4 th Year Maintenance	15/-
5	5 th Year Maintenance	15/-
6	6 th Year Maintenance	12/-
7	7 th Year Maintenance	12/-
8	8 th Year Maintenance	12/-
9	9 th Year Maintenance	12/-
10	10 th Year Maintenance	12/-
	Total Cost.	298/-


Area to be diverted (In Ha) :	0.2606		
Area to be planted (Half, one Two, Ten time) (Ina Ha) :-	0.5212		
No of trees to be felled :-	0	1000 Plants per Ha	
No of plants to be damaged :-	0	x 2.00 =	0
No of Plants to be planted @1000 Plants Per Ha		521.2	521.2
		Or Say	521.20
		Minimum Plants	521

Sr.No.	Description	No of Plants	Rate	Total Amount (Rs-P)
A	Net present value of forest land to be diverted	0.2606	Rs 8.87 Lacs Per Ha (Below than 2 Ha)	231152.20
	Compensatory Afforestation Charges			
	1) 1st Year cost of afforestation	521	Rs 139/- Per Plant	72419
	2) 2nd Year Maintenance	521	Rs 48/- Per Plants	25008
	3) 3rd Year Maintenance	521	Rs 21/- Per Plants	10941
	4) 4th Year Maintenance	521	Rs 15/- Per Plants	7815
	5) 5th Year Maintenance	521	Rs 15/- Per Plants	7815
	6) 6th Year Maintenance	521	Rs 12/- Per Plants	6252
	7) 7th Year Maintenance	521	Rs 12/- Per Plants	6252
	8) 8th Year Maintenance	521	Rs 12/- Per Plants	6252
	9) 9th Year Maintenance	521	Rs 12/- Per Plants	6252
	10) 10th Year Maintenance	521	Rs 12/- Per Plants	6252
	11) Barbed wire fencing charges	2.08	Rs 65000/- Per RKM	135460.00
		RKM		
	Total Charges (B Above)			290718.00
C	Supervisory / Overhead / Misc Charges		10% on CA Total	29071.80
	Total C.A. Charges (B+C)			319789.80
D	Felling Charges for Tree =		Rs 720/- Per M3	0
E	Plantation damage charges for Plant=		Rs 200/- Per Plant	0
F	Any Other charges (If necessary)			0
Grand Total (A+B+C+D+E+F) to be deposited in CAMPA Fund				550942.00
				Or Say
				550942
Rs.Five lac fifty thousand nine hundred & forty two only.				
2 Technical Details:				

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Detail : Plantation will be done with 2 strand barbed wire in reserved / Protected forest
- Spacement : 4x4 Meter
- Species :- Khair, Jamun, Papri etc
- Plantation Method: Tall Plantation
- Soil and Moisture Conservator Works : Nil
- Protection (Fencing, Watch man, People Participation etc) : Fencing
- Proposed Monitoring Mechanism (M&E)
- Any other information : Nil

Note: CF(T) should countersign this CA Scheme if area to be afforested is more than 5 hectare.


 Divisional Forest Officer
 Morni Pinjore Forest Divn
 PINJORE