

Full Title of the Project:- **Diversion of 0.0912 Ha. Forest Land for construction of Bridge at RD 60300 of Main Drain No. 02 to connect the Sector 40 to Sector 18 U/E Panipat.**

Proposal No.FP/HR/Approach/147315/2021
Date of Proposal:- 17-09-2021

CHECK LIST SERIAL NUMBER:-18
"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted : **Main Drain No. 2**
Forest Area = **0.0912 ha.**

Details of degraded forest land/non-forest land where C.A. is to be carried out.
Division: **Panipat** District : **Panipat**
Tehsil: **Panipat**

C.A. Site name/Compt. Survey No. : **H43Q15, Gangeser Minor RD 15 to 22 L/R Side**
Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): **Yes**
- b) If the CA site is other than the land bank, reasons be given:-
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
 - i) Soil type: **Good**
 - ii) Topography **a. Hilly/Undulating/Plain: Plain**
b. Slope:-Steep/Medium/Gentle: Gentle
 - iii) Whether the area is bearing any root stock of vegetation:- **No**

1. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 347.08/- per day as under:-(inclusion with 10% per year future maintenance cost Norms)

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 395/- Per Plant
2 nd Year maintenance	Rs. 138/- Per Plant
3 rd Year maintenance	Rs. 55/- Per Plant
4 th Year maintenance	Rs. 22/- Per Plant
5 th Year maintenance	Rs. 24/- Per Plant
6 th Year maintenance	Rs. 26/- Per Plant
7 th Year maintenance	Rs. 27/- Per Plant
8 th Year maintenance	Rs. 28/- Per Plant
9 th Year maintenance	Rs. 30/- Per Plant
10 th Year maintenance	Rs. 32/- Per Plant

Area to be Diverted : 0.0912 ha.
 No. of Trees to be felled : 23 No.
 No. of Plants to be damaged : Nil
 Area to be planted under normal CA : 0.46 ha. (Double the area to be diverted)
 Plants to be Planted under normal CA : 230 plants (0.46@ 1000 plants per ha.)
 Additional C.A. in lieu of plants to be damaged
 (Double the plants to be damaged)= Nil
 Area to planted under Penal CA : Nil (@ 1000 plants per ha.)
 Planted to be planted under Penal CA : Nil
 Total No. of plants to be planted (CA+Addl.CA+Penal CA) : 230 No.
 Total Area to be planted (CA+Addl.CA+Penal CA) : 0.46 ha. (230 plants@ 1000 plants per ha.)

Compensatory Afforestation Scheme is proposed and Recommends to CA. The yearly expenditure of 230 No. Tall Plants and maintenance given below:-

Detail of Year Wise Plantation and Maintenance Cost and Other Expenditure				
Sr. NO.	DESCRIPTION		RATE	AMOUNT
A	Compensatory Afforestation Charges		No. of Plants	
	1st Year cost of afforestation		230	
	IInd Year Maintenance			Rs. 395 Per Plant
	IIIrd. Year Maintenance			Rs. 138 Per Plant
	IVth. Year Maintenance			Rs. 55 Per Plant
	Vth Year Maintenance			Rs. 22 Per Plant
	VIth Year Maintenance			Rs. 24 Per Plant
	VIIth Year Maintenance			Rs. 26 Per Plant
	VIIIth Year Maintenance			Rs. 27 Per Plant
	IXth Year Maintenance			Rs. 28 Per Plant
	Xth Year Maintenance			Rs. 30 Per Plant
	Berbed wire fencing charges		RKM	Rs. 200000/- Per RKM
			0.05	10000
	Total Charges			1,88,710
Supervisory/Overhead/Miscellaneous Charges		10% on the CA Charges	18,871	
Total (A) CA Charges			2,07,581	
B	Catchment Area Treatment			
	Soil and Moisture Conservation Charges		30% of the Total CA	62,274
Total (C)			62,274	
C	Safety Zone			0
D	Additional other Charges		Qty.	Rate
Total (E)		0	0	0
E	Net Present Value of Forest Land to be diverted		Rs. 887000/-per ha.	80,894
F	Penalty for violation as per provision B(i) of MoEFCC Letter No. 11-42/2014-FC dt. 29-01-2018 with interest. ---Nil--		---	0
G	Felling Charges		Vol. M ³	
			0	Rs. 1200/- per m ³
Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund			3,56,258	

2.

Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Compensatory Afforestation will be carried out along With, Gangeser Minor RD 15 to 22 L/R Side Plantation Will be done 3 stand barbed wire in P.F. This land is a protected forest vide Haryana Govt. Notification No.S.O. .49CA/16/27S 29/79 dt. 27.04.79.
- b) Spacement:- $4 \times 2\frac{1}{2}$ meter
- c) Species:- Neem, Shisham, Jamun/Jamoa etc.
- d) Plantation Method :- Tall 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 work will be Done by RFO, DFO, CF & DCF (M&E)
- h) Any Other information:- Nil.

Place:- Panipat

Date:- 09-12-2021


Divisional Forest Officer,
Panipat