

Full Title of the Project : Diversion of 0.0119 Hec. of forest land for construction of storm water RCC Box type drain from Jhanjhari Village Underpass to 66.3mtr along Bhaini Khurd road L/Side, under Division & Distt. Karnal, (Haryana).

File No. : FP/HR/OTHERS/38981/2019

Date of Proposal : 20.02.2019

CHECK LIST SERIAL NUMBER: 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Name of the Forest/Reach to be diverted: Diversion of 0.0119 Hec. of forest land for construction of storm water RCC Box type drain from Jhanjhari Village Underpass to 66.3mtr along Bhaini Khurd road L/Side, under Division & Distt. Karnal, (Haryana).

Forest Area = **0.0119 Hect.**

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division: - **Karnal** District: - **Karnal**

Tehsil:- **Karnal** Range :- **Karnal**

C.A. Site name: **Jamuna Bandh RD 65 to 70 L/ Side**

Area to be Afforested: - **0.100 Hect.**

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):-
No, the site selected for compensatory Afforestation is not a land bank. It is a Degraded Forest Land.
- b) If the CA site is other than the land bank, reasons be given:- **There is no land available in the land bank in Karnal. Plantation will be carried out in protected forest area.**
- c) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- **C.A. will be carried out in protected forest Area.**
 - i) Soil type: **Sandy Loam**
 - 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**

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under:

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. 326.82/- per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 359.10/- Per Plant
2 nd Year maintenance	Rs. 115.35/- Per Plant
3 rd Year maintenance	Rs. 41.89/- Per Plant
4 th Year maintenance	Rs. 15.58/- Per Plant
5 th Year maintenance	Rs. 15.58/- Per Plant
6 th Year maintenance	Rs. 15.58/- Per Plant
7 th Year maintenance	Rs. 15.58/- Per Plant
8 th Year maintenance	Rs. 15.58/- Per Plant
9 th Year maintenance	Rs. 15.58/- Per Plant
10 th Year maintenance	Rs. 15.58/- Per Plant
Total	Rs. 625.40/-

Area to be Diverted :- **0.0119 ha.**

No. of trees to be felled :- Nil

Plants to be damaged:- ..Nil..

Plants to be planted (Ten time of the trees to be felled):-NA

Area to be Planted = Double area 0.0119 hect.x2 @ 1000 plant per ha.= NA

Minimum Plants to be Planted: - 100 No.

RKM 100/250 =0.4RKM

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) :-..NIL..

Sr. No.	DESCRIPTION	No. of Plants	RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	100	Rs. 359/- Per Plant	35900
	(2) 2 nd Year maintenance	Plants	Rs. 115/- Per Plant	11500
	(3) 3 rd Year maintenance		Rs. 42/- Per Plant	4200
	(4) 4 th Year maintenance		Rs. 16/- Per Plant	1600
	(5) 5 th Year maintenance		Rs. 16/- Per Plant	1600
	(6) 6 th Year maintenance		Rs. 16/- Per Plant	1600
	(7) 7 th Year maintenance		Rs. 16/- Per Plant	1600
	(8) 8 th Year maintenance		Rs. 16/- Per Plant	1600

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	(9) 9 th Year maintenance		Rs. 16/- Per Plant	1600
	(10) 10 th Year maintenance		Rs. 16/- Per Plant	1600
	(11) Barbed wire fencing charge= 0.4RKM		Rs.76700/- Per RKM	30680
	Total Charges			93480
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges		9348
	Sub Total (A) Total C.A. Charges			102828
B	Additional Compensatory Afforestation Charges plants			
	(1) 1 st Year cost of afforestation	..NiL..	Rs. 359/- Per Plant	0
	(2) 2 nd Year maintenance		Rs. 115/- Per Plant	0
	(3) 3 rd Year maintenance		Rs. 42/- Per Plant	0
	(4) 4 th Year maintenance		Rs. 16/- Per Plant	0
	(5) 5 th Year maintenance		Rs. 16/- Per Plant	0
	(6) 6 th Year maintenance		Rs. 16/- Per Plant	0
	(7) 7 th Year maintenance		Rs. 16/- Per Plant	0
	(8) 8 th Year maintenance		Rs. 16/- Per Plant	0
	(9) 9 th Year maintenance		Rs. 16/- Per Plant	0
	(10) 10 th Year maintenance		Rs. 16/- Per Plant	0
	Barbed wire fencing charge= .NiL..		Rs.76700/- Per RKM	0
	Sub Total (B) Total Addl. C.A. Charges			0
C	Penal C.A.		-	NA
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	30848
	Sub Total (D)			30848
E	Safety Zone			NA
F	Additional Charges			
			0
			0
	Sub Total (F)			0
G	Net Present Value of Forest Land to be diverted 0.0119 Hect.		Rs. 887000/- per ha.	10555
H	Felling charges =Nil		Rs.1200 /- per m ³	
I	Plantation damage charges = ..NiL..		Rs. 236/- per plant	0
	GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund			144231

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Detail :-** Compensatory Afforestation will carried out along With, Jamuna Bundh RD 65 TO 70 L/SIDE
- b) Spacing:- 4x4mtr a Part
- 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, DCF, CF & DCF (M&E)
- h) Any other information :- Nil

Place:- Karnal


 Divisional Forest Officer,
 Karnal.
 Karnal Forest Division
KARNAL

Note :- CF (T) should countersign this C.A. scheme if area to be afforested is more than 5 hectare.