

Full Title of the Project : Diversion of 0.4148 hec. of forest land for construction of storm water RCC Box type drain from Haqeeqat Nagar Flyover(ROB) to STP along Karnal-Munak road R/Side, under Division & Distt. Karnal, (Haryana).

File No. : FP/HR/OTHERS/38989/2019.

Date of Proposal : 22.02.2019

CHECK LIST SERIAL NUMBER: 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Name of the Forest/Reach to be diverted: Diversion of 0.4148 hec. of forest land for construction of storm water RCC Box type drain from Haqeeqat Nagar Flyover(ROB) to STP along Kamal-Munak road R/Side, under Division & Distt. Kamal, (Haryana).

Forest Area = 0.4148 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: Indri Drain RD 90-110 L/R Side

Area to be Afforested: - **0.830 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 :- **0.4148 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 0.4148 hect.x2 @ 1000 plant per ha.=830

Minimum Plants to be Planted: - =830 No.

RKM 830/250 =3.32 RKM

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

Sr. No.	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	830	Rs. 359/- Per Plant	297970
	(2) 2 nd Year maintenance	Plants	Rs. 115/- Per Plant	95450
	(3) 3 rd Year maintenance		Rs. 42/- Per Plant	34860
	(4) 4 th Year maintenance		Rs. 16/- Per Plant	13280
	(5) 5 th Year maintenance		Rs. 16/- Per Plant	13280
	(6) 6 th Year maintenance		Rs. 16/- Per Plant	13280
	(7) 7 th Year maintenance		Rs. 16/- Per Plant	13280
	(8) 8 th Year maintenance		Rs. 16/- Per Plant	13280

	(9) 9 th Year maintenance		Rs. 16/- Per Plant	13280
	(10) 10 th Year maintenance		Rs. 16/- Per Plant	13280
	(11) Barbed wire fencing charge= 3.32 RKM		Rs.76700/- Per RKM	254644
	Total Charges			775884
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges		77588
	Sub Total (A) Total C.A. Charges			853472
B				
	(1) 1 st Year cost of afforestation	NA	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= RKM		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		256042
	Sub Total (D)			256042
E	Safety Zone			NA
F	Additional Charges			
	*****			0
	*****			0
	Sub Total (F)			0
G	Net Present Value of Forest Land to be diverted 0.4148 Hect.	Rs. 887000/- per ha.		367928
H	Felling charges = Nil	Rs.1200 /- per m ³		0
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			1477441

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Detail :-** Compensatory Afforestation will carried out along With, Indri Drain RD 90-110 L/R 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
Divisional Forest Division
Karnal KARNAL

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