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**Full Title of the Project :** Diversion of 0.20 Ha. Forest land for laying of DI pipe line from Rampuri Disty. Kanina to Water works Dahina on Mahendergarh Rewari road, km 22.5 to 27 left side under forest division and district Mahendergarh.

**File No. :** FP/HR/Water/36809/2018

**Date of Proposal :** 29-10-2018

## **CHECK LIST SERIAL NUMBER :- 18** **"REVISED SCHEME FOR C.A. " (Model-1)**

Name of the Forest/Reach to be diverted for laying of DI pipe line from Rampuri Disty. Kanina to Water works Dahina along Mahendergarh Rewari road, km 22.5 to 27 left side under forest division and district Mahendergarh, Haryana.

Forest Area = 0.20 ha.

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

Division: Mahendergarh District: Mahendergarh Range: Mahendergarh C.A. Site

Name: RF Nanwa to be afforested:-

i) Whether the site selected for Compensatory Afforestation is a Land bank or Not: - **No, the site selected for compensatory afforestation is not a land bank.**

ii) If the CA site is other than the land bank, reasons are given: - There is no land bank in District Mahendergarh. **Plantation will be done at Reserved Forest Area.**

In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:-

iii) Soil type Sandy Loam

iv) Topography a. Hilly/Undulating/Plain:

b. Slope: - Steep/Medium/Gentle

v) Whether the area is bearing any root stock of **vegetation:-**

**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 plantation norms at 4m x 2½m spacing and it is approved by the PCCF, Haryana letter No. 6693-6713 dated 15.02.2016 at the wage rate of Rs. 326.82/-per day as under:-

S.No.	Year	Rate Per Plant
1	1 <sup>st</sup> Year Plantation	Rs. 359.10/- Per Plant
2	2 <sup>nd</sup> Year Plantation	Rs. 115.35/- Per Plant
3	3 <sup>rd</sup> Year Plantation	Rs. 41.89/- Per Plant
4	4 <sup>th</sup> Year Plantation	Rs. 15.58/- Per Plant
5	5 <sup>th</sup> Year Plantation	Rs. 15.58/- Per Plant
6	6 <sup>th</sup> Year Plantation	Rs. 15.58/- Per Plant
7	7 <sup>th</sup> Year Plantation	Rs. 15.58/- Per Plant
8	8 <sup>th</sup> Year Plantation	Rs. 15.58/- Per Plant
9	9 <sup>th</sup> Year Plantation	Rs. 15.58/- Per Plant
10	10 <sup>th</sup> Year Plantation	Rs. 15.58/- Per Plant
Total Cost		Rs. 625.40

Area to be Diverted : 0.20 ha.

No. of Trees to be felled : Nil

No. of Plants to be damaged : Nil

Area to be planted under normal CA : 0.40 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 400 (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= Nil Plants

Area to planted under Addl. CA : Nil ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 400

Total Area to be planted (CA+Addl.CA) : 0.400 ha. (@ 1000 plants per ha.)

A	Compensatory Afforestation Charges	No. of Plants		Rate	Total Amount (Rs.)
	(1) 1 <sup>st</sup> Year cost of afforestation	400		Rs. 359.10/- Per Plant	143640
	(2) 2 <sup>nd</sup> Year maintenance	400		Rs. 115.35/- Per Plant	46140
	(3) 3 <sup>rd</sup> Year maintenance	400		Rs. 41.89/- Per Plant	16756
	(4) 4 <sup>th</sup> Year maintenance	400		Rs. 15.58/- Per Plant	6232
	(5) 5 <sup>th</sup> Year Maintenance	400		Rs. 15.58/- Per Plant	6232
	(6) 6 <sup>th</sup> Year Maintenance	400		Rs. 15.58/- Per Plant	6232
	(7) 7 <sup>th</sup> Year Maintenance	400		Rs. 15.58/- Per Plant	6232
	(8) 8 <sup>th</sup> Year Maintenance	400		Rs. 15.58/- Per Plant	6232
	(9) 9 <sup>th</sup> Year Maintenance	400		Rs. 15.58/- Per Plant	6232
	(10) 10 <sup>th</sup> Year Maintenance	400		Rs. 15.58/- Per Plant	6232
	(11) Barbed wire fencing charge	1.6 RKM		Rs. 767000/- Per RKM	122720
	Total charges				372880
	Supervisory/Overhead/Miscellaneous Charges			10% on the total CA charges	37288
	Sub Total (A) C.A. charges				410168

B	Additional Compensatory Afforestation Charges	No. of Plants	Rate	Total Amount (Rs.)
	(1) 1 <sup>st</sup> Year cost of afforestation	0	Rs. 359.10/- Per Plant	
	(2) 2 <sup>nd</sup> Year maintenance	0	Rs. 115.35/- Per Plant	
	(3) 3 <sup>rd</sup> Year maintenance	0	Rs. 41.89/- Per Plant	
	(4) 4 <sup>th</sup> Year maintenance	0	Rs. 15.58/- Per Plant	
	(5) 5 <sup>th</sup> Year Maintenance	0	Rs. 15.58/- Per Plant	
	(6) 6 <sup>th</sup> Year Maintenance	0	Rs. 15.58/- Per Plant	
	(7) 7 <sup>th</sup> Year Maintenance	0	Rs. 15.58/- Per Plant	
	(8) 8 <sup>th</sup> Year Maintenance	0	Rs. 15.58/- Per Plant	
	(9) 9 <sup>th</sup> Year Maintenance	0	Rs. 15.58/- Per Plant	
	(10) 10 <sup>th</sup> Year Maintenance	0	Rs. 15.58/- Per Plant	
	(11) Barbed wire fencing charge		Rs. 160000/- Per RKM	
	<b>Sub Total (B) Total addl. C.A. charges</b>			<b>0</b>
C	Penal CA			<b>1864400</b>
D	Catchments Area Treatment	@143.31	760*2*0.45*0.45=308cum	23216
	Soil and Moisture Conservation charges		30% of CA	123050
	<b>Sub Total (D)</b>			<b>146266</b>
E	Safety Zone			0
F	Additional Charges			0
	<b>Sub Total (F)</b>			0
G	Net Present Value of Forest Land to be diverted	0.20	887000 per ha.	177400
H	Felling charges	0	1200 per cum	0
I	Plantation Damage Charges	0	0	0
	<b>Grand Total (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund</b>			<b>2598234</b>



## 2. Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

- General Details :- Plantation will be done with 3 strand barbed wire in RF Nawan.
- Spacement :- 4 x 2½ meter
- Species :- Neem, Bakain, P.Papri, Cassia fistula, Cordia myxa, Zyzyphus mauritiana, Albizia lebbeck, Morus Alba etc.
- Plantation Method :- Tall Plantation .
- Soil and Moisture Conservation Works: - Nil



- (f) Protection (Fencing, Watch man, People's Participation etc): - **Fencing**
- (g) Proposed Monitoring Mechanism :- (M & E)
- (h) Any other information: - **N.A.**

  
Divisional Forest Officer  
Mahendergarh Forest Division  
 21.12.18

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