

Full Title of the Project: Diversion of 2.044 Ha. of forest Land for remodeling of Dadri Distributary, in District Charkhi Dadri, Haryana.
File No. : FP/HR/IRRIG/45499/2020
Date of Proposal: 22.05.2020

CHECK LIST SERIAL NUMBER:-18

“SCHEME FOR C.A.”

Name of the Forest/Reach to be diverted

Full Title of the Project: Full Title of the Project: Full Title of the Project: Diversion of 2.044 Ha. of forest Land for remodeling of Dadri Distributary, in District Charkhi Dadri, Haryana.

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Forest Area = 4.088 Ha forest land/non-forest land where C.A. is to be carried out.

Division: Charkhi Dadri District : Charkhi Dadri Tehsil: Charkhi Dadri

C.A. Site name : Loharu Canal Rd 0-25 L&R/Side

Width of forest Land CA Site: 3 Mtr. L&R/side

GPS Reading Starting Point: Latitude: 28°37'03.35"N Longitude: 76°15'43.50"E

Ending Point: Latitude: 28°35'40.44"N Longitude: 76°11'20.45"E

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):
- 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

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. 347.08 per day as under:-

Year	Rate per Plant
1st Year cost of afforestation	Rs. 381.28 Per Plant
2nd Year maintenance	Rs. 122.48 Per Plant
3rd Year maintenance	Rs. 44.48 Per Plant
4th Year maintenance	Rs. 16.54 Per Plant
5th Year maintenance	Rs. 16.54 Per Plant
6th Year maintenance	Rs. 16.54 Per Plant
7th Year maintenance	Rs. 16.54 Per Plant
8th Year maintenance	Rs. 16.54 Per Plant
9th Year maintenance	Rs. 16.54 Per Plant
10th Year maintenance	Rs. 16.54 Per Plant
Total	Rs. 664.02

Area to be Diverted : 2.044 ha.

No. of Trees to be felled : 296

No. of Plants to be damaged : Nil

Area to be planted under normal CA: $2.044 \times 2 = 4.088 \times 1000 = 4088$ (Double the area to be diverted) or say

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

Total No. of plants to be planted (CA : Nil

Total Area to be planted (CA : = **4.088 ha.** (@ 1000 plants per ha.)

S. No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)	
A	Compensatory Afforestation Charges	No. of Plant			
	(1) 1st Year cost of afforestation	4088	Rs. 381.28 Per Plant	1558672.64	
	(2) 2nd Year maintenance	4088	Rs. 122.48 Per Plant	500698.24	
	(3) 3rd Year maintenance	4088	Rs. 44.48 Per Plant	181834.24	
	(4) 4th Year maintenance	4088	Rs. 16.54 Per Plant	67615.52	
	(5) 5th Year maintenance	4088	Rs. 16.54 Per Plant	67615.52	
	(6) 6th Year maintenance	4088	Rs. 16.54 Per Plant	67615.52	
	(7) 7th Year maintenance	4088	Rs. 16.54 Per Plant	67615.52	
	(8) 8th Year maintenance	4088	Rs. 16.54 Per Plant	67615.52	
	(9) 9th Year maintenance	4088	Rs. 16.54 Per Plant	67615.52	
	(10) 10th Year maintenance	4088	Rs. 16.54 Per Plant	67615.52	
	(11) Barbed wire fencing charge	RKM 16.352	Rs. 2,00,000/- Per RKM	3270400.00	
	Total Charges				5984913.76
	Supervisory / Overhead / Miscellaneous Charges			10% on the CA charges	598491.376
Total (A) C.A. Charge				6583405.13	
B	Additional Compensatory Afforestation Charges				
	(1) 1st Year cost of afforestation	0	Rs. 381.28 Per Plant	0	
	(2) 2nd Year maintenance	0	Rs. 122.48 Per Plant	0	
	(3) 3rd Year maintenance	0	Rs. 44.48 Per Plant	0	
	(4) 4th Year maintenance	0	Rs. 16.54 Per Plant	0	
	(5) 5th Year maintenance	0	Rs. 16.54 Per Plant	0	
	(6) 6th Year maintenance	0	Rs. 16.54 Per Plant	0	
	(7) 7th Year maintenance	0	Rs. 16.54 Per Plant	0	

	(8) 8th Year maintenance	0	Rs. 16.54 Per Plant	0
	(9) 9th Year maintenance	0	Rs. 16.54 Per Plant	0
	(10) 10th Year maintenance	0	Rs. 16.54 Per Plant	0
	(11) Barbed wire fencing charge	RKM	Rs.2,00000/- Per RKM	0
		0		
	Total (B) Addl. C.A. Charges			0
C	Penal Compensatory Afforestation Charges			
	Soil and Moisture Conservation Charges	30% on the Penal CA charges		1975021.54
	Catchment Area Treatment			0
D	Total (D)			0
E	Safety Zone (if required)			0
F	Survey and Demarcation Charges	10% on the Penal CA Charges		658340.51
G	Net Present Value of Forest Land to be diverted	Rs. 887000/- per ha. 2.044		1813028
H	Felling charges	Vol. M3	Rs.1200 /- per m3	324060
		270.05		
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			11353855.18
	Or say			11353860

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacemen:- 4x4 meter
- Species:- Shisham, Neem, Papri, Jamun
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- **(M&E)**,
- Any Other information:- Nil.

Place: Charkhi Dadri
Dated: 14/08/2020

Divisional Forest Officer
Divisional Forest Officer,
Charkhi Dadri
CH DADRI

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