

**Full Title of the Project: -**

Diversion of 22.94 Ha. of Forest Land for the construction of Parallel Lined Channel (PLC) Project from RD 0 (Dadupur Head) to 68220 (Hamida Head) in District Yamuna Nagar, Haryana.

**File No :- FP/HR/IRRIG/40972/2019.**

**Date of Proposal:- 26/06/2020.**

**CHECK LIST SERIAL NUMBER: 18**

**" Scheme for CA"**

Forest Area:- Nil

Division **Kaithal** District **Kaithal**

C.A. Site Name :

S.No	Name of Village	Forest Range	Status of Land	(Approx) Vacant Area available for plantation	(Approx) no of plant to be planted at 4mtr*2.5mtr spacing
1.	Kurar	Kaithal	Non-Forest	2.7 Ha	2700
2.	Mandwal	Pundri	Non-Forest	2.0 Ha	2000
3.	Badsikri	Kaithal	Non-Forest	5.7 Ha	5700
4.	Barot	Kaithal	Non-Forest	2.2 Ha	2200
<b>Total</b>				<b>12.6 Ha</b>	<b>12600</b>

Note- No of plants given against each site are tentative and is subject to availability of land transferred to Forest Department free from all encumbrances and encroachment.

- \* Further, it is clarified that the non-forest land being proposed by the UA is of the abandoned water-channel. The strips of land on both side of the water channel have already been notified as PF. **At present unused/abandoned brick lined structure of water-channel is lying there which needs to be dismantled and leveled before undertaking CA.**

- a) Whether the site selected for Compensatory Afforestation is a land bank (Yes or Not : **No, Non Forest Land proposed to be transferred to Forest Department.**
- b) If the CA site is other than the land bank, reasons be given:-- site proposed by UA. In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: N/A
- 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 **4.0m x 2.5m** spacing at the wage rate of Rs. 347.08 per day as under :-

Sr. No.	Year	Rate per Plant
1	Ist Year cost of afforestation	350.00/- Per Plant
2	IInd Year maintenance	87.99/- Per Plant
3	IIIrd Year maintenance	56.00/- Per Plant
4	IVth Year maintenance	10.00/- Per Plant
5	Vth Year maintenance	10.00/- Per Plant
6	VIth Year maintenance	10.00/- Per Plant
7	VIIth Year maintenance	10.00/- Per Plant
8	VIIIth Year maintenance	10.00/- Per Plant
9	IXth Year maintenance	10.00/- Per Plant
10	Xth Year maintenance	10.00/- Per Plant
	<b>Total</b>	<b>563.99/-</b>

Detail given in Annexure-I :-

Area to be planted under normal CA :- **12.60 Ha.**

Plants to be Planted under normal CA:- **12,600 Plants** (@ 1000 plants per Ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = **0 Plants**

Area to planted under Addl. CA :- **0.0 Ha.** @ 1000 plants per Ha.)

Total No. of plants to be planted (CA+Addl. CA) :- **12,600 Plants**

Total Area to be planted (CA+Addl. CA) :- **12.6 Ha.** (@1000 plants per Ha.)

**Total Area to be planted under Normal CA in Kaithal :- 12.6 Ha.**

**Plants to be planted under Normal CA in Kaithal :- 12,600** (@1000 plants per Ha.)



Sr. No.	Description	Area in Ha	Rate	Total Amount (Rs.)
A	<b>Compensatory Afforestation Charges</b>	<b>No. of Plants</b>		
	(1) 1 <sup>st</sup> Year cost of afforestation	12,600	350.0/-Per Plant	44,10,000
	(2) 2 <sup>nd</sup> year maintenance	12,600	88.0/-Per Plant	11,08,800
	(3) 3 <sup>rd</sup> year maintenance	12,600	56.0/-Per Plant	7,05,600
	(4) 4 <sup>th</sup> year maintenance	12,600	10.0/-Per Plant	1,26,000
	(5) 5 <sup>th</sup> year maintenance	12,600	10.0/-Per Plant	1,26,000
	(6) 6 <sup>th</sup> year maintenance	12,600	10.0/-Per Plant	1,26,000
	(7) 7 <sup>th</sup> year maintenance	12,600	10.0/-Per Plant	1,26,000
	(8) 8 <sup>th</sup> year maintenance	12,600	10.0/-Per Plant	1,26,000
	(9) 9 <sup>th</sup> year maintenance	12,600	10.0/-Per Plant	1,26,000
	(10) 10 <sup>th</sup> year maintenance	12,600	10.0/-Per Plant	1,26,000
	(11) Barbed wire fencing charges	50.4 RKM	2,00,000/-Per RKM	1,00,80,000
	Total Charges			1,71,86,400
	Supervisory/Overhead/ Misc. Charger		10% on the total CA charges	17,18,640
	<b>Total (A) C.A. Charge</b>			<b>1,89,05,040</b>
B	<b>Additional Compensatory Afforestation</b>			-
C	<b>Penal CA</b>			-
D	<b>Catchment Area Treatment Plan</b>			
	Soil & Moisture Conservation		30% of the total CA	56,71,512
	<b>Total (D)</b>			<b>56,71,512</b>
E	<b>Other Charges</b>			
	Demarcation of CA Land	L.S.	(1,00,000x4) per site	4,00,000
	Demolition & Removal of Old building structure	L.S.	at Mandwal	3,00,000
	Demolition & Removal of Old building structure	L.S.	at Barot	3,00,000
	Land leveling and clearing of debris	L.S.	at Badsikri	1,00,000
	One room inspection hut for protection watcher	L.S.	(3,00,000x4) per site	12,00,000
	Irrigation - for submersible/borewell	L.S.	(5,00,000x4) per site	20,00,000
	Purchase of Machinery/Equipments			
	2 Tractor	L.S.	7 lac	18,50,000
	1 Trolly	L.S.	2 lac	
	1 Tanker	L.S.	2.5 lac	
	Cost of plantation watcher	4*26*12*10* (min wage@347.08 + epf@13% + esi@3.25%)		50,35,436
	<b>Total (E)</b>			<b>1,11,85,436</b>
	<b>Grand Total- Cost of CA(A+B+C+D+E) (Rs.-/)</b>			<b>3,57,61,988</b>

<b>F</b>	<b>Net Present Value of Forest To be Diverted *</b>	----	8,87,000 Rs./Ha.	----
<b>G</b>	<b>Felling Charges *</b>	----		----
	<b>Grand Total – Amount to be paid by UA (A+B+C+D+E+F+G) (Rs.-/)</b>			<b>3,57,61,988</b>

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2.

**Technical details:-**

Technical details of fencing Compensatory Afforestation Scheme are as follows :-

- a) General Details :-
- b) Spacement :- 4x2.5 meter
- c) Species :- Neem, Bakain, Papri, Jamun, Bar, Pipal, Suhajna 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 :- **(M&E)**
- h) Any other information :- **Nil**

Place :- Kaithal.  
Dated :- 24/12/2020.

  
Deputy Conservator of Forests,  
Kaithal Forest Division,  
Kaithal.

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