

**Full Title of the Project:** Diversion of 0.00395 ha. Forest Land for const. of app. Road to retail outlet along Bahadurgarh Badli Road R/side at VPO Zardakpur by BPC Ltd in Distt. Jhajjar

**Proposal No. :** FP/HR/Approach/48011/2020

**Date of Proposal:** 28 Sept, 2020

**CHECK LIST SERIAL NUMBER:-17**  
**"SCHEME FOR C.A."**

Name of the Forest/Reach to be diverted

Forest Area = 0.00395ha.

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

Division:- **Jhajjar** District :- **Jhajjar** Tehsil: **Jhajjar** Range:- **Jhajjar**

C.A Site Name – **Bahadurgarh Minor L/Side**

Start L/s E 28° 40' 47.15" N 76° 54' 53.66"

End L/s E 28° 39' 39.35" N 76° 54' 25.25"

- 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
1 <sup>st</sup> Year cost of afforestation	Rs. 395.00 Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 138.00 Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 55.00 Per Plant
4 <sup>th</sup> Year maintenance	Rs. 22.00 Per Plant
5 <sup>th</sup> Year maintenance	Rs. 24.00 Per Plant
6 <sup>th</sup> Year maintenance	Rs. 26.00 Per Plant
7 <sup>th</sup> Year maintenance	Rs. 27.00 Per Plant
8 <sup>th</sup> Year maintenance	Rs. 28.00 Per Plant
9 <sup>th</sup> Year maintenance	Rs. 30.00 Per Plant
10 <sup>th</sup> Year maintenance	Rs. 32.00 Per Plant
<b>Total</b>	<b>Rs. 777.00</b>

Area to be Diverted : 0.00395ha.

No. of Trees to be felled : 0=0m3

No. of Plants to be damaged : 12

Area to be planted under normal CA : 0.100 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 100plants (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 24

Area to planted under Addl. CA : 0.024 ha. (@ 1000 plants per ha.)

**Total No. of plants to be planted (CA+Addl.CA) : 124plants**

**Total Area to be planted (CA+Addl.CA) : 0.100ha. (@ 1000 plants per ha.)**

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 <sup>st</sup> Year cost of afforestation	100	Rs. 395.00 Per Plant	39500
	(2) 2 <sup>nd</sup> Year maintenance	100	Rs. 138.00 Per Plant	13800
	(3) 3 <sup>rd</sup> Year maintenance	100	Rs. 55.00 Per Plant	5500
	(4) 4 <sup>th</sup> Year maintenance	100	Rs. 22.00 Per Plant	2200
	(5) 5 <sup>th</sup> Year maintenance	100	Rs. 24.00 Per Plant	2400
	(6) 6 <sup>th</sup> Year maintenance	100	Rs. 26.00 Per Plant	2600
	(7) 7 <sup>th</sup> Year maintenance	100	Rs. 27.00 Per Plant	2700
	(8) 8 <sup>th</sup> Year maintenance	100	Rs. 28.00 Per Plant	2800
	(9) 9 <sup>th</sup> Year maintenance	100	Rs. 30.00 Per Plant	3000
	(10) 10 <sup>th</sup> Year maintenance	100	Rs. 32.00 Per Plant	3200
	(11) Barbed wire fencing charge	RKM 0.4	Rs.200000/- Per RKM	80000
Total Charges				<b>157700</b>
Supervisory / Overhead / Miscellaneous Charges			10% on the CA charges	<b>15770</b>
<b>Total (A) C.A. Charge</b>				<b>173470</b>
B	<b>Additional Compensatory Afforestation Charges</b>			
	(1) 1 <sup>st</sup> Year cost of afforestation	24	Rs. 395.00 Per Plant	9480
	(2) 2 <sup>nd</sup> Year maintenance	24	Rs. 138.00 Per Plant	3312
	(3) 3 <sup>rd</sup> Year maintenance	24	Rs. 55.00 Per Plant	1320
	(4) 4 <sup>th</sup> Year maintenance	24	Rs. 22.00 Per Plant	528
	(5) 5 <sup>th</sup> Year maintenance	24	Rs. 24.00 Per Plant	576

(6)	6 <sup>th</sup> Year maintenance	24	Rs. 26.00 Per Plant	624
(7)	7 <sup>th</sup> Year maintenance	24	Rs. 27.00 Per Plant	648
(8)	8 <sup>th</sup> Year maintenance	24	Rs. 28.00 Per Plant	672
(9)	9 <sup>th</sup> Year maintenance	24	Rs. 30.00 Per Plant	720
(10)	10 <sup>th</sup> Year maintenance	24	Rs. 32.00 Per Plant	768
(11)	Barbed wire fencing charge	RKM	Rs.200000/- Per RKM	19200
		0.096		
<b>Total (B) Addl. C.A. Charges</b>				<b>37848</b>
C	Penal C.A.	-		0
D	<b>Catchment Area Treatment</b>			
	Soil and Moisture Conservation charges		30% of the Total CA	47310
<b>Total (D)</b>				
E	Safety Zone (if required)			
F	<b>Additional Charges (if required)</b>	<b>Qty</b>	<b>Rate</b>	
<b>Total (F)</b>				
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	3504
H	Felling charges	Vol. M <sup>3</sup>	Rs.1400 /- per m <sup>3</sup>	0
		0		
<b>Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund</b>				<b>262132</b>

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:- 4 × 2½ meter
- Species:- Neem, Jamun, Shisham, Papri etc.
- 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 : Jhajjar

Dated 24-01-2021

Divisional Forest Officer  
Jhajjar Forest Division  
Divisional Forest Officer  
Office Seal.....JHAJJAR