

Full Title of the Project: Diversion of forest land of 0.0142 ha for access to retail outlet BPCL on Rewari-Kotkasim road at Village Bakhapur under Rewari Division and District.

File No. FP/HR/Approach/41797/2019

Date of Proposal: 04-12-2019.

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**CHECK LIST SERIAL NUMBER: -18**  
**"SCHEME FOR COMPENSATORY AFFORESTATION"**

Name of the forest/reach to be diverted for retail outlet petrol pump on Rewari-Kotkasim road at Village Bakhapur in Dist Rewari.

Forest Area = 0.0142 ha.

**Details of degraded forest land / non-forest land:-**

Division : Rewari      District Rewari      Range: Bawal      Tehsil : Bawal  
Village Tankri      CA Site Name :      Tankri Section 4 & 5 of PLPA 1900 (114 plants)  
GPS: N28°05'43.4"      E76°29'04.2"E      N28°05'47.7"      E76°29'06.8"E

**Description of Area:-**

- i- Whether the site selected for Compensatory Afforestation is a land bank or  
Not No
- ii. If the CA site is other than the land bank, reasons be given :- Plantation will be carried out in Tankri Section 4 & 5 of PLPA 1900.
- iii. In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- CA will be carried out in Tankri Section 4 & 5 of PLPA 1900.
- iv. Soil type :- Sandy Loam
- v. Topography :-  
A. Hilly/ Undulating/**Plain**  
B. Slope:- Steep/Medium/**Gentle**

Whether the area is bearing any root stock of vegetation :- No

2- **Planatation Model :-**

Copy of the approved Compensatory Afforestation Scheme/ Model showing component wise physical financial break up to be enclosed.

Strip Plantation of Tall Plants.

3 **Schedule of Plantation Programme:-**

Detail of year wise break up of requirement of funds is as under:

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The Plantation cost is calculated for **Plantation as per Tall Plants. at 4m X 2½m** spacing and it is approved by the PCC Haryana Panchkula at the wage rate of Rs. 326.82/- per day as under:-

Sr.No	Year	Rate Per Plant
1	Ist Year Plantation	359.10/- Per Plant
2	IIInd Year Plantation	115.35/- Per Plant
3	IIIrd Year Plantation	41.89/- Per Plant
4	IVth Year Plantation	15.58/- Per Plant
5	Vth Year Plantation	15.58/- Per Plant
6	VIth Year Plantation	15.58/- Per Plant
7	VIIth Year Plantation	15.58/- Per Plant
8	VIIIth Year Plantation	15.58/- Per Plant
9	IXth Year Plantation	15.58/- Per Plant
10	Xth Year Plantation	15.58/- Per Plant
	Total	<b>Rs. 625.40/-</b>

Area to be diverted = 0.0142  
Area to be planted (two time diverted area) = 0.0284  
No. of tree to be felled = 7  
No. of plants to be damaged = 7  
No. of plants to be planted = 100+14= 114

**The cost norms @ wage rate of Rs. 326.82/- will be as under:-**

Sr.No	DESCRIPTION	No. of Plants	Rate Per Plant	Amount
A.	Net present Value of forest land to be diverted		8.87 lac/ha.	12595
B	Compensatory afforestation charges			
	1 Ist Year cost of afforestation	100	359.10/- Per Plant	35910
	2 IIInd year maintenance	100	115.35/- Per Plant	11535
	3 IIIrd year maintenance	100	41.89/- Per Plant	4189
	4 IVth year maintenance	100	15.58/- Per Plant	1558
	5 Vth year maintenance	100	15.58/- Per Plant	1558
	6 VIth Year maintenance	100	15.58/- Per Plant	1558
	7 VIIth Year maintenance	100	15.58/- Per Plant	1558
	8 VIIIth Year Plantation	100	15.58/- Per Plant	1558

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	9 IXth Year Plantation	100	15.58/- Per Plant	1558
	10 Xth Year Plantation	100	15.58/- Per Plant	1558
	6 Barbed wire fencing charge	0.40 RKM	Rs. 76700/- per RKM	30680
	<b>Total CA charges (1 to 6)</b>			<b>93220</b>
	Supervisory/ overhead/misc. charges	10 % on the total CA charges.		9322
	<b>Total (B) to be deposit in CAMPA fund</b>			<b>102542</b>
<b>C</b>	<b>Additional Compensatory afforestation charges</b>			
	1 Ist Year cost of afforestation	14	359.10/- Per Plant	5027.4
	2 IInd year maintenance	14	115.35/- Per Plant	1614.9
	3 IIIrd year maintenance	14	41.89/- Per Plant	586.46
	4 IVth year maintenance	14	15.58/- Per Plant	218.12
	5 Vth year maintenance	14	15.58/- Per Plant	218.12
	6 VIth Year maintenance	14	15.58/- Per Plant	218.12
	7 VIIth Year maintenance	14	15.58/- Per Plant	218.12
	8 VIIIth Year Plantation	14	15.58/- Per Plant	218.12
	9 IXth Year Plantation	14	15.58/- Per Plant	218.12
	10 Xth Year Plantation	14	15.58/- Per Plant	218.12
	6 Barbed wire fencing charge	0.06 RKM	Rs. 76700/- per RKM	4295.2
	<b>Total (C) Addl. CA charges (1 to 6)</b>			<b>13050.8</b>
<b>D</b>	1 Felling charges volume 0.95 m3		Rs. 1200/- per cum	1140
<b>E.</b>	plantation damage charges		Rs. 600/- per plants	0
	<b>Total (D+E)</b>			<b>1140</b>
<b>F</b>	Exigency Charges 30% of the Total CA		30% on the total CA	<b>30763</b>
	<b>G. Total (A+B+C+D+E+F)</b>			<b>160090.8</b>



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**Technical details: -**

Technical details of Compensatory Afforestation Scheme are as follows: -

- (a) General Details: - Compensatory afforestation will be carried out along with Tankri Section 4 & 5 of PLPA 1900 in Rewari District. Plantation will be done with three standard barbed wire.
- (b) Spacement: - 4 x 4
- (c) Species:- Neem, bakain, Pahari Papri, Cassia fistula, Cordia myxa, zyzypus, mauritiana, Albizia lebbeck, Albizia procera, Bauhinia recemosa, Ficus glomerata, Ficus religiosa, Kigelia pinnata, Moringa oleifera, Syzgium cumini, Tamarindus indica, Tamarix articulate, Terminalia arjuna, Terminalia belarica, Jungle Jalebi, Morus Alba etc.
- (d) Plantation Method: Tall Plantation.
- (e) Soil and Moisture Conservation works:- Watering Hoeing and weeding , mulching
- (f) Protection (Fencing, Watch man, People's Participation etc.): - Fencing.
- (g) Proposed Monitoring Mechanism:- Inspection by Officers.
- (h) Any other information :- NIL

  
Divisional Forest Officer  
Rewari Forest Division  
Rewari