

Full Title of the Project: Diversion of forest land of 0.0049 ha for access to retail outlet BPCL on Turkiawas-Tatarpur-Sunaria-Asadpur road km stone 1 LHS at Village Turkiawas Dist. Rewari.
 File No. FP/HR/Approach/39889/2019
 Date of Proposal: 14-05-2019.

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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 Turkiawas-Tatarpur-Sunaria-Asadpur road km stone 1 LHS at village Turkiawas in Dist Rewari.

Forest Area = 0.0049 ha.

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

Division : Rewari District Rewari Range: Rewari Tehsil : Rewari
 Village Didoli CA Site Name : Didoli Section 4 & 5 of PLPA 1900 (100 plants)
 GPS: 28°17'84" N 76°25'57" E, 28°18'284"N 76°26'19" E

Description of Area:-

i- Whether the site selected for Compensatory Afforestation is a land bank or Not

ii. If the CA site is other than the land bank, reasons be given :- Plantation will be carried out in Didoli 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 Didoli Section 4 & 5 of PLPA 1900.

iv. Soil type :- Sandy Loam
 v. Topography :- A. Hill/ 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.

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	IInd Year Plantation	115.35/- Per Plant
3	IIInd Year Plantation	41.89/- Per Plant
4	IVth Year Plantation	15.58/- Per Plant
5	Vth Year Plantation	15.58/- Per Plant
6	Vth Year Plantation	15.58/- Per Plant
7	Vth 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	Rs. 625.40/-

Area to be diverted
 Area to be planted (two time diverted area=
 No. of tree to be felled=
 No. of plants to be damaged=
 No. of plants to be planted

= 0.0049
 = 0.0098
 = 7
 = 2
 = 100

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

Sr.No	DESCRIPTION	Rate Per Plant	Amount
A.	Net present Value of forest land to be diverted	8.87 lac/ha.	4346
B.	Compensatory afforestation charges	No. of Plants	
	1 Ist Year cost of afforestation	100	35910
	2 IInd year maintenance	100	11535
	3 IIInd year maintenance	100	4189
	4 IVth year maintenance	100	1558
	5 Vth year maintenance	100	1558
	6 VIth Year maintenance	100	1558
	7 VIIth Year maintenance	100	1558
	8 VIIIth Year Plantation	100	1558

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1558	9 IXth Year Plantation	100	15.58/- Per Plant		
1558	10 Xth Year Plantation	100	15.58/- Per Plant		
30680	6 Barbed wire fencing charge	0.40	Rs. 76700/- per RKM		
		RKM			
93220	Total CA charges (1 to 6)				
9322	Supervisory/ overhead/misc. charges		10 % on the total CA charges.		
102542	Total (B) to be deposit in CAMPA fund				
	Additional Compensatory afforestation charges				
1436.4	1 Ist Year cost of afforestation	4	359.10/- Per Plant		
461.4	2 IInd year maintenance	4	115.35/- Per Plant		
167.56	3 IIInd year maintenance	4	41.89/- Per Plant		
62.32	4 IVth year maintenance	4	15.58/- Per Plant		
62.32	5 Vth year maintenance	4	15.58/- Per Plant		
62.32	6 VIth year maintenance	4	15.58/- Per Plant		
62.32	7 VIIth year maintenance	4	15.58/- Per Plant		
62.32	8 VIIIth Year Plantation	4	15.58/- Per Plant		
62.32	9 IXth Year Plantation	4	15.58/- Per Plant		
62.32	10 Xth Year Plantation	4	15.58/- Per Plant		
	6 Barbed wire fencing charge	0.02	Rs. 76700/- per RKM		
		RKM			
3728.8	Total (C) Addl. CA charges (1 to 6)				
600	1 Felling charges volume 0.50 m3		Rs. 1200/- per cum		
0	plantation damage charges		Rs. 600/- per plants		
600	Total (D+E)				
	G. Total (A+B+C+D+E)				
	Exigency Charges 30% of the Total Cost of (A+B+C+D+E)		30% on the total CA		
30763					
141979.8	G. Total (A+B+C+D+E+F)				

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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 Didoli Section 4 & 5 of PLPA 1900 in Rewari District. Plantation will be done with three standard barbed wire.

(b) **Spacement:-** 4 x 2 ½

(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 articulata, 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

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