Full Title of the Project: Diversion of 2.456 ha. forest land for widening and strengthening of road from Kanwali to Lisan up to SKNK (SH-22) road (road ID 1346) under forest

division & Dist. Rewari.

File No. Date of Proposal:

FP/HR/Road/32856/2018

11-04-2018

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

Name of the forest/reach to be diverted for widening and strengthening of road from Kanwali to Lisan in Dist Rewari.

Forest Area = 2.456 ha.

Details of d	legraded forest land / non-forest land:-						
Division : R	Rewari District Rewari Range: Rewari Tchsil: Rewari aleta CA Site Name: Khaleta Section 4 & 5 of PLPA 1900 (5508 plants)						
	8 216699" E76 402009" N28 215766" E76 402653"						
Description	of Area:-						
i-	Whether the site selected for Compensatory Afforestation is a land bank or						
	NotNo						
ii,	If the CA site is other than the land bank, reasons be given: - Plantation will be carried out in Khaleta 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 Khaleta Section 4						
	& 5 of PLPA 1900.						
iv.	Soil type :- Sandy Loam						
V.	Topography:- A. Hilly/ Undulating/Plain						

## Whether the area is bearing any root stock of vegetation :-2-Planatation Model:-

vi.

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

Slope:- Steep/Medium/Gentle

No

#### Schedule of Plantation Programme:-3

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

В.

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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 letter no. 6693-6713 dt. 15-02-2016 at the wage rate of Rs. 318.46/- per day as under:-

Sr.No	Year	Rate Per Plant
L	Ist Year Plantation	244/- Per Plant
2	IInd Year Plantation	83/- Per Plant
3	IIIrdYear Plantation	33/- Per Plant
4	IVth Year Plantation	25/- Per Plant
5	Vth Year Plantation	26/- Per Plant
6	VIth Year Plantation	15/- Per Plant
7	VIIth Year Plantation	09/- Per Plant
8	VIIIth Year Plantation	09/- Per Plant
9	IXth Year Plantation	10/- Per Plant
10	Xth Year Plantation	11/- Per Plant
9	Total	Rs. 465/-

Area to be diverted = 2.456

Area to be planted (two time diverted area = 4.912

No. of tree to be felled = 671

No. of plants to be damaged = 298

No. of plants to be planted . = 5508

The cost norms @ wage rate of Rs. 318.46/- will be as under:-

Sr.N o	<b>DESCRIPTION</b> Net present Value of forest land to be diverted		Rate Per Plant  8.87 lac/ha.	Amount 2178472
Λ.				
В	Compernsatory afforestation charges	No of Plants		
	1 Ist Year cost of afforestation	4912	244/- Per Plant	1198528
	2 IInd year maintenance	4912	83/- Per Plant	407696
	3 HIrd year maintenance	4912	33/- Per Plant	162096
	4 IVth year maintenance	4912	25/- Per Plant	122800
	5 Vth year maintenance	4912	26/- Per Plant	127712
	6 VIth Year maintenance	4912	15/- Per Plant	73680
	7 VIIth Year maintenance	4912	09/- Per Plant	44208

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FP/HR/Road/32856/2018 11-04-2018

	ottroposat, 11-04-2018		***************************************	
	8 VIIIth Year Plantation	4912	09/- Per Plant	44208
	9 IXth Year Plantation	4912	10/- Per Plant	49120
	10 Xth Year Plantation	4912	11/- Per Plant	54032
	6 Barbed wire fencing charge	19.65 Rs. 160000/- per	Rs. 160000/- per	3143680
	o barbed wife felicing charge	RKM	RKM	
1	Total CA charges (1 to 6)			5427760
	Supervisory/ overhead/misc. charges	10 % on the total CA charges.		542776
	Total (A+B) to be deposit in CAMPA f	8149008		
С	Additional Compernsatory affo			
	1 Ist Year cost of afforestation	596	244/- Per Plant	145424
	2 IInd year maintenance	596	83/- Per Plant	19468
	3 Illrd year maintenance	596	33/- Per Plant	19668
	4 IVth year maintenance	596	25/- Per Plant	14900
	5 Vth year maintenance	596	26/- Per Plant	15496
	6 VIth Year maintenance	596	15/- Per Plant	8940
	7 VIIth Year maintenance	596	09/- Per Plant	5364
	8 VIIIth Year Plantation	596	09/- Per Plant	5364
	9 IXth Year Plantation	596	10/- Per Plant	5960
	10 Xth Year Plantation	596	11/- Per Plant	6556
	6 Barbed wire fencing charge	2.38	Rs. 160000/- per RKM	381440
	o barbed wire reneing charge	RKM		
	Total (C) Addl. CA charges (1 to 6)			658580
D	1 Felling charges volume 391.01 m3		Rs. 1200/- per cum	469212
E.	plantation damage charges		Rs. 600/- per plants	0
	Total (D+E)			469212
	G. Total (A+B+C+D+E)			9276800
F	Exigency Charges 3% of the Total Cost of (A+B+C+D+E)		3% on the total CA	278304
	G. Total (A+B+C+D+E+F)			9555104

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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 Khaleta Section 4 & 5 of PLPA 1900 in Rewari District.
- (b) Spacement: 4m x 4m
- (c) Species:- Neem, papri, Shisham 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 Monitorng Mechanism:- Inspection by Officers.
- (h) Any other information:- None

Divisional rolest Officer
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