

Full Title of the Project :

Diversion of 0.947 ha. of forest land in favour of Executive Engineer, Provincial Division No.2. PWD B&R Br. Sonapat for widening and strengthening of road from Rohat to Jatheri road Km 0 to 3.90 (Road ID 6008), under Division & Distt. Sonapat.

File No. : FP/HR/ROAD/28862/2017

Date of Proposal : 23-08-2017

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

Name of the Project/Reach to be diverted :

Diversion of 0.947 ha. of forest land in favour of Executive Engineer, Provincial Division No.2. PWD B&R Br. Sonapat for widening and strengthening of road from Rohat to Jatheri road Km 0 to 3.90 (Road ID 6008), under Division & Distt. Sonapat, Haryana.

Forest Area = 1.894 ha.

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

Division and District Sonapat.

Tehsil Kharkhoda & Range Rai

CA site Name : Jatola Minor RD 18 to 29 L&R

Longitude : 76°59'03.81" Latitude : 28°50'57.85"

Longitude : 76°58'09.51" Latitude : 28°50'08.32"

Area to be afforesed :-

- a) Whether the site selected for Compensatory Afforestation is a land bank (Yes or No) : No
- b) If the CA site is other than the land bank, reasons be given :- **There is not land bank in District Sonapat.**

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 : Clay Loan

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 to as under :-

1. Schedule of Plantation Programme:-

Details 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 224/- per daily as under:-

Year	Rate per plants
1st year cost of afforestation	Rs. 172/- per plant
2 nd year maintenance	Rs. 64/- per plant
3 rd year maintenance	Rs. 32/- per plant
4 th year maintenance	Rs. 25/- per plant
5 th year maintenance	Rs. 26/- per plant
6 th year maintenance	Rs. 15/- per plant
7 th year maintenance	Rs. 8/- per plant
8 th year maintenance	Rs. 9/- per plant
9 th year maintenance	Rs. 10/- per plant
10 th year maintenance	Rs. 11/- per plant
Total	Rs. 372/-

Area to be Diverted = 0.947 Ha.

No. of trees to be felled = 18

Plants to be damaged = 485

Plants to be planted = (Ten time of the tree to be felled) = 180

Area to be planted = (@1000 plants per ha.) = 1894

Additional CA in lieu of plants to be damaged (Double the plants to be damaged) = 0

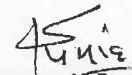
S.No.	DESCRIPTION		Rate	Total Amount (Rs.)
(A)	Compensatory Afforestation charges		No. of plants	
	(1) 1 st year cost of afforestation	1894	Rs. 172/- per plant	325768.00
	(2) 2 nd year maintenance	1894	Rs. 64/- per plant	121216.00
	(3) 3rd year maintenance	1894	Rs. 32/- per plant	60608.00
	(4) 4th year maintenance	1894	Rs. 25/- per plant	47350.00
	(5) 5th year maintenance	1894	Rs. 26/- per plant	49244.00
	(6) 6th year maintenance	1894	Rs. 15/- per plant	28410.00
	(7) 7th year maintenance	1894	Rs. 8/- per plant	15152.00
	(8) 8th year maintenance	1894	Rs. 9/- per plant	17046.00
	(9) 9th year maintenance	1894	Rs. 10/- per plant	18940.00
	(10) 10th year maintenance	1894	Rs. 11/- per plant	20834.00
	(11) Barbed wire fencing charge = 7.57 RKM		@76700	580619.00
	Total Charge			1285187.00
	Supervisory/ Overhead/Miscellaneous Charges		10% on the total C.A. charge	128519.00
Sub Total (A) CA Charges			1413706.00	
(B)	Additional Compensatory Afforestation charges			
	(1) 1 st year cost of afforestation	970	Rs. 172/- per plant	166840.00
	(2) 2 nd year maintenance	970	Rs. 64/- per plant	62080.00
	(3) 3rd year maintenance	970	Rs. 32/- per plant	31040.00
	(4) 4th year maintenance	970	Rs. 25/- per plant	24250.00
	(5) 5th year maintenance	970	Rs. 26/- per plant	25220.00
	(6) 6th year maintenance	970	Rs. 15/- per plant	14550.00
	(7) 7th year maintenance	970	Rs. 8/- per plant	7760.00
	(8) 8th year maintenance	970	Rs. 9/- per plant	8730.00
	(9) 9th year maintenance	970	Rs. 10/- per plant	9700.00
	(10) 10th year maintenance	970	Rs. 11/- per plant	10670.00
	(11) Barbed wire fencing charge = 3.88 RKM		@76700	297596.00
Sub Total (B) total additional CA charges			658436.00	
(C)	Penal CA.			0.00
(D)	Catchment Area Treatment			
	Soil and Moisture Conservation		30% of the total CA	0.00

	Sub total (D)		Fca case 0.00
(E)	Safety Zone		0.00
(F)	Additional Charges		0.00
	Sub total (F)		0.00
(G)	Net present value of forest land to be diverted	Rs. 887000/- per ha.	839989.00
(H)	Felling charges =18 trees 10.47 m3	Rs. 1000/- per m3	10470.00
(I)	Plantation damage charges = 0 plants	Rs. 236 per plants	0.00
GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA			2922601.00

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details : Plantation will be done with 3 strand barbed wire
- b) Spacing : 4x2½ meter
- c) Species : Shisham, Neem, Jamun/Jamoya 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


 Divisional Forest Officer
 Sonapat Forest Division
 Sonapat