

Revised NPV C.A. Scheme

Full Title of the Project : Diversion of 0.057 ha. of Forest land for access to Retail Outlet of IOCL on Sonapat Purkhas road near Km. Stone No. 06 at village Sandal Kalan, under forest division and distt. Sonapat, Haryana.

File No. : FP/HR/Approach/149193/2021

Date of Proposal : 11-11-2021

CHECK LIST SERIAL NUMBER: 18
“SCHEME FOR COMPENSATORY AFFORESTATION”

Name of the Project/Reach to be diverted :

Diversion of 0.057 ha. of Forest land for access to Retail Outlet of IOCL on Sonapat Purkhas road near Km. Stone No. 06 at village Sandal Kalan, under forest division and distt. Sonapat, Haryana.

Forest Area = 0.114 ha.

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

Division and District Sonapat.

Tehsil Sonapat & Range Sonapat

CA site Name : CLC Branch RD 185 to 187

Starting Longitude : 76.938795"E Latitude : 29.053911"N

Ending Longitude : 76.941718"E Latitude : 29.29049535"N

Area to be afforested :-

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 no 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 Loam

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 326.82/- per daily as under:-

Year	Rate per plants
1st year cost of afforestation	Rs. 395/- per plant
2 nd year maintenance	Rs. 138/- per plant
3 rd year maintenance	Rs. 55/- per plant
4 th year maintenance	Rs. 22/- per plant
5 th year maintenance	Rs. 24/- per plant
6 th year maintenance	Rs. 26/- per plant
7 th year maintenance	Rs. 27/- per plant
8 th year maintenance	Rs. 28/- per plant
9 th year maintenance	Rs. 30/- per plant
10 th year maintenance	Rs. 32/- per plant
Total	Rs. 777/-

Area to be Diverted = 0.057 Ha.

No. of trees to be felled = 0

Plants to be damaged = 0

Plants to be planted = (Ten time of the tree to be felled) = 0

Area to be planted = (@1000 plants per ha.) = 114

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	114	Rs. 395/- per plant	45030
	(2) 2 nd year maintenance	114	Rs. 138/- per plant	15732
	(3) 3rd year maintenance	114	Rs. 55/- per plant	6270
	(4) 4th year maintenance	114	Rs. 22/- per plant	2508
	(5) 5th year maintenance	114	Rs. 24/- per plant	2736
	(6) 6th year maintenance	114	Rs. 26/- per plant	2964
	(7) 7th year maintenance	114	Rs. 27/- per plant	3078
	(8) 8th year maintenance	114	Rs. 28/- per plant	3192
	(9) 9th year maintenance	114	Rs. 30/- per plant	3420
	(10) 10th year maintenance	114	Rs. 32/- per plant	3648
	(11) Barbed wire fencing charge = 0.456 RKM		@200000	91200
	Total Charge			179778
	Supervisory/ Overhead/Miscellaneous Charges		10% on the total C.A. charge	17978
	Sub Total (A) CA Charges			197756
(B)	Additional Compensatory Afforestation charges			
	(1) 1 st year cost of afforestation	0	Rs. 395/- per plant	0
	(2) 2 nd year maintenance	0	Rs. 138/- per plant	0
	(3) 3rd year maintenance	0	Rs. 55/- per plant	0
	(4) 4th year maintenance	0	Rs. 22/- per plant	0
	(5) 5th year maintenance	0	Rs. 24/- per plant	0
	(6) 6th year maintenance	0	Rs. 26/- per plant	0
	(7) 7th year maintenance	0	Rs. 27/- per plant	0
	(8) 8th year maintenance	0	Rs. 28/- per plant	0
	(9) 9th year maintenance	0	Rs. 30/- per plant	0

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	(10) 10th year maintenance	0	Rs. 32/- per plant	0
	(11) Barbed wire fencing charge = 0.0 RKM		@200000	0
	Sub Total (B) total additional CA charges			0
(C)	Penal CA.			0.00
(D)	Catchment Area Treatment			
	Soil and Moisture Conservation		30% of the total CA	59327
	Sub total (D)			59327
(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. 1357110/- per ha.	77355
(H)	Felling charges = 0 trees 0 m3		Rs. 1200/- per m3	0
(I)	Plantation damage charges = 0 plants		Rs. 236 per plants	0
GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA				334438

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 : Yes
- f) Protection (Fencing, Watch man, People's Participation etc.): Fencing
- g) Proposed Monitoring Mechanism : M&E
- h) Any other information:- Nil


Divisional Forests Officer
Sonapat.