

Full Title of the Project : Diversion of 0.0076 ha. of Forest land for construction of Path for BPCL Retail outlet on Gohana – Ganaur road via Khanpur Kalan R/side at village Gamri, under Division & Distt. Sonepat.

File No. : FP/HR/Approach/45061/2020

Date of Proposal : 12-10-2020

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

Name of the Project/Reach to be diverted :

Diversion of 0.0076 ha. of Forest land for construction of Path for BPCL Retail outlet on Gohana – Ganaur road via Khanpur Kalan R/side at village Gamri, under Division & Distt. Sonepat.

Forest Area = 0.1 ha.

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

Division and District Sonepat.

Tehsil Gohana & Range Gohana

CA site Name : **Jawahra Minor RD Panipat road pul to Ramgarh Kailana pul.**

Starting Longitude : 76°45'31.44"E Latitude : 29°12'59.17"N

Ending Longitude : 76°45'28.57"E Latitude : 29°10'12.28"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 Sonepat.**

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
	Rs. 777/-

Area to be Diverted = 0.0076 Ha.

No. of trees to be felled = 1

Plants to be damaged = 7

Plants to be planted = (Ten time of the tree to be felled) = 10

Area to be planted = (@1000 plants per ha.) = 100

Addl. CA in lieu of 7 plants damage by U/Agency (Double the plants to be damaged) = 14

S.No.	DESCRIPTION		Rate	Total Amount (Rs.)
(A)	Compensatory Afforestation charges	No. of plants		
	(1) 1 st year cost of afforestation	100	Rs. 395/- per plant	39500
	(2) 2 nd year maintenance	100	Rs. 138/- per plant	13800
	(3) 3rd year maintenance	100	Rs. 55/- per plant	5500
	(4) 4th year maintenance	100	Rs. 22/- per plant	2200
	(5) 5th year maintenance	100	Rs. 24/- per plant	2400
	(6) 6th year maintenance	100	Rs. 26/- per plant	2600
	(7) 7th year maintenance	100	Rs. 27/- per plant	2700
	(8) 8th year maintenance	100	Rs. 28/- per plant	2800
	(9) 9th year maintenance	100	Rs. 30/- per plant	3000
	(10) 10th year maintenance	100	Rs. 32/- per plant	3200
	(11) Barbed wire fencing charge = 0.4 RKM		@200000	80000
	Total Charge			157700
	Supervisory/ Overhead/Miscellaneous Charges		10% on the total C.A. charge	15770
Sub Total (A) CA Charges			173470	
(B)	Additional Compensatory Afforestation charges			
	(1) 1 st year cost of afforestation	14	Rs. 395/- per plant	5530
	(2) 2 nd year maintenance	14	Rs. 138/- per plant	1932
	(3) 3rd year maintenance	14	Rs. 55/- per plant	770
	(4) 4th year maintenance	14	Rs. 22/- per plant	308
	(5) 5th year maintenance	14	Rs. 24/- per plant	336
	(6) 6th year maintenance	14	Rs. 26/- per plant	364
	(7) 7th year maintenance	14	Rs. 27/- per plant	378
	(8) 8th year maintenance	14	Rs. 28/- per plant	392
	(9) 9th year maintenance	14	Rs. 30/- per plant	420
	(10) 10th year maintenance	14	Rs. 32/- per plant	448
	(11) Barbed wire fencing charge = 0.056 RKM		@200000	11200
	Total charges			22078
	Supervisory/ Overhead/Miscellaneous Charges		10% on the total C.A. charge	2208
Sub Total (B) Additional CA Charges			24286	
(C)	Penal CA changes.			
	(1) 1 st year cost of afforestation	0	Rs. 395/- per plant	0

			Fca case
(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
(10) 10th year maintenance	0	Rs. 32/- per plant	0
(11) Barbed wire fencing charge = 0.00 RKM		@200000	0
Total Charges			0
Supervisory/ Overhead/Miscellaneous Charges		10% on the total C.A. charge	0
Sub Total (C) CA Charges			0
(D)	Catchment Area Treatment		
	Soil and Moisture Conservation	30% of the total CA	52041
	Sub total (D)		52041
(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.	6741
(H)	Felling charges = 1 tree 0.14 m ³	Rs. 1200/- per m ³	168
(I)	Plantation damage charges = 0 plant	Rs. 236 per plants	0
GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA			256706

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details : Plantation will be done with 3 strand barbed wire
- Spacing : 4x2½ meter
- Species : Shisham, Neem, Jamun/Jamoya etc.
- Plantation Method : Tall Plantation
- Soil and Moisture Conservation Works : Yes
- Protection (Fencing, Watch man, People's Participation etc.): Fencing
- Proposed Monitoring Mechanism : M&E
- Any other information:- Nil


 Divisional Forests Officer
 Sonapat.