

Full Title of the Project :

Fea case
Diversion of 0.43 ha. of forest land in favour of
Executive Engineer, Provincial Division No. 2, PWD
B&R Sonapat for construction of Side Drain along
Rathdhana Narela road Km 2.5 to 5.30 L/side and Km
2.50 to 4.00 R/side, under Division & Distt. Sonapat.

File No. : FP/HR/OTHER/17525/2016

Date of Proposal : 16-01-2016

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

Name of the Project/Reach to be diverted :

Diversion of 0.43 ha. forest land for Executive Engineer, Provincial Division No. 2, PWD
B&R Sonapat for construction of Side Drain along Rathdhana Narela road Km 2.5 to 5.30
L/side and Km 2.50 to 4.00 R/side, under forest Division and Distt. Sonapat Haryana.

Forest Area = 0.86 ha.

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

Division and District Sonapat.

Tehsil Sonapat & Range Rai

CA site Name : **Badkhalsa road Km 0 to 2 L&R**

Starting Longitude : 77°6'24.50" Latitude : 28°55'1.74"

Ending Longitude : 77°7'18.48" Latitude : 28°54'34.01"

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 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 :-

3. 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/-

Fca case

Area to be Diverted = 0.43 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.) = 860

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	860	Rs. 172/- per plant	147920.00
	(2) 2 nd year maintenance	860	Rs. 64/- per plant	55040.00
	(3) 3rd year maintenance	860	Rs. 32/- per plant	27520.00
	(4) 4th year maintenance	860	Rs. 25/- per plant	21500.00
	(5) 5th year maintenance	860	Rs. 26/- per plant	22360.00
	(6) 6th year maintenance	860	Rs. 15/- per plant	12900.00
	(7) 7th year maintenance	860	Rs. 8/- per plant	6880.00
	(8) 8th year maintenance	860	Rs. 9/- per plant	7740.00
	(9) 9th year maintenance	860	Rs. 10/- per plant	8600.00
	(10) 10th year maintenance	860	Rs. 11/- per plant	9460.00
	(11) Barbed wire fencing charge = 3.44 RKM		@76700	263848.00
	Total Charge			583768.00
	Supervisory/ Overhead/Miscellaneous Charges		10% on the total C.A. charge	58377.00
	Sub Total (A) CA Charges			642145.00
(B)	Additional Compensatory Afforestation charges			
	(1) 1 st year cost of afforestation	0	Rs. 172/- per plant	0.00
	(2) 2 nd year maintenance	0	Rs. 64/- per plant	0.00
	(3) 3rd year maintenance	0	Rs. 32/- per plant	0.00
	(4) 4th year maintenance	0	Rs. 25/- per plant	0.00
	(5) 5th year maintenance	0	Rs. 26/- per plant	0.00
	(6) 6th year maintenance	0	Rs. 15/- per plant	0.00
	(7) 7th year maintenance	0	Rs. 8/- per plant	0.00
	(8) 8th year maintenance	0	Rs. 9/- per plant	0.00
	(9) 9th year maintenance	0	Rs. 10/- per plant	0.00
	(10) 10th year maintenance	0	Rs. 11/- per plant	0.00
	(11) Barbed wire fencing charge = 0.0 RKM		@76700	0.00
	Sub Total (B) total additional CA charges			0.00
(C)	Penal CA.			0.00
(D)	Catchment Area Treatment			
	Soil and Moisture Conservation		30% of the total CA	192644.00
	Sub total (D)			192644.00

(E)	Safety Zone		Fca case
(F)	Additional Charges		0.00
	Sub total (F)		0.00
(G)	Net present value of forest land to be diverted	Rs. 887000/- per ha.	381410.00
(H)	Felling charges = 0 m3	Rs. 1000/- per m3	0.00
(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			1216199.00

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

Divisional Forest Officer,
Divisional Forest Officer
Srinagar