Full Title of the Project: Diversion of 0.0231 Ha. of Forest land for Laying of water supply pipeline along NH-1(New NH 44) at km 196.230 to 196.180(RHS) & From Km 196.180 to Km 196.075 (LHS) for MC Ambala in Distt. Ambala under Forest Division & Distt. Ambala, Haryana.

Online Proposal No.: FP/HR/PIPELINE/35468/2018

Date of Proposal:29.08.2018

CHECK LIST SERIAL NUMBER:-17 "SCHEME FOR C.A."

Name of the Forest/Reach to be diverted:

NH-1(New NH 44) at km 196.230 to 196.180(RHS) & From Km 196.180 to Km 196.075

(LHS) in Distt. Ambala

Forest Area = 0.0231 ha.

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

Division Ambala District Ambala

Tehsil Ambala Range Ambala

C.A. Site name: Tangri Right Marginal Bundh Rd 10 and 26 L/R

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): Yes
- b) If the CA site is other than the land bank, reasons be given:--NIL-In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:-
 - Soil type:
 - ii) Topography a. Hilly/Undulating/Plain:

b. Slope:-Steep/Medium/Gentle:

iii) Whether the area is bearing any root stock of vegetation:-

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under;

1. Schedule of Plantation Programme:-

Detail 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 Rs. 326.82/- per day as under:-

Year	Rate per Plant		
1st Year cost of afforestation	Rs. 359.10/- Per Plant		
2 nd Year maintenance	Rs. 115.35/- Per Plant		
3 rd Year maintenance	Rs. 41.89/- Per Plant		
4th Year maintenance	Rs. 15.58/- Per Plant		
5 th Year maintenance	Rs. 15.58/- Per Plant		
6th Year maintenance	Rs. 15.58/- Per Plant		
7 th Year maintenance	Rs. 15.58/- Per Plant		
8th Year maintenance	Rs. 15.58/- Per Plant		
9th Year maintenance	Rs. 15.58/- Per Plant		
10 th Year maintenance	Rs. 15.58/- Per Plant		
Total	Rs. 625.40/-		

Area to be Diverted = 0.0231 ha.

No. of trees to be felled=8

Plants to be damaged= 60

Plants to be planted =200

Area to be Planted = 0.20(@ 1000 plant per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=130 Plants

S.No	Description		Rate	Total Amount (Rs.)
	Compensatory Afforestation Charges	No. of Plants		
	(1) 1st Year cost of afforestation	80	Rs. 359.10/- Per Plant	28728
	(2) 2 nd Year maintenance		Rs. 115.35/- Per Plant	9228
	(3) 3 rd Year maintenance		Rs. 41.89/- Per Plant	3351.2
	(4) 4 th Year maintenance		Rs. 15.58/- Per Plant	1246.4
	(5) 5 th Year maintenance		Rs. 15.58/- Per Plant	1246.4
	(6) 6 th Year maintenance		Rs. 15.58/- Per Plant	1246.4
	(7) 7 th Year maintenance		Rs. 15.58/- Per Plant	1246.4
	(8) 8 th Year maintenance		Rs. 15.58/- Per Plant	1246.4
	(9) 9th Year maintenance		Rs. 15.58/- Per Plant	1246.4
	(10) 10 th Year maintenance		Rs. 15.58/- Per Plant	1246.4
	(11) Barbed wire fencing charge=41	.60RKM	Rs.76700/-Per RKM	24544
	Total Charges			74576
	Supervisory / Overhead / Miscelland Charges	eous	10% on the CA charges	7458
	Total (A) C.A. Charges			82034

В	Additional Compensatory Afforestation Ch	Rs. 359.10/- Per Plant	43092			
	(1) 1 st Year cost of afforestation 120	Rs. 115.35/- Per Plant	13842			
	(2) 2 nd Year maintenance	Rs. 41.89/- Per Plant	5027			
	(3) 3 rd Year maintenance		1870			
	(4) 4 th Year maintenance	Rs. 15.58/- Per Plant				
	(5) 5 th Year maintenance	Rs. 15.58/- Per Plant	1870			
	(6) 6 th Year maintenance	Rs. 15.58/- Per Plant	1870			
	(7) 7 th Year maintenance	Rs. 15.58/- Per Plant	1870			
	(8) 8 th Year maintenance	Rs. 15.58/- Per Plant	1870			
	(9) 9 th Year maintenance	Rs. 15.58/- Per Plant	1870			
	(10) 10 th Year maintenance	Rs. 15.58/- Per Plant	1870			
	(11)Barbed wire fencing charge=0.480 RKM	Rs.76700/-Per RKM	36816			
	Total (B) Addl. C.A Charges		111864			
С	Catchment Area Treatment (if required)					
	Soil and Moisture Conservation charges	30% of the Total CA	24610			
	Total (C)		24610			
D	Safety Zone (if required)					
E	Additional Charges (if required)					
-			0			
			0			
	Total (E)					
F	Net Present Value of Forest Land to be diverted	Rs. 887000/-per ha.	20490			
G	Felling charges = 1.87m3	Rs.1200 /- per m ³	2244			
	GRAND TOTAL (A+B+C+D+E+F+G)					

Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- NIL
 b) Spacement:- 4 × 2½ meter
 c) Species:- Plantation Method:- Plantation
- e) Soil and Moisture Conservation Works
- f) Protection (Fencing, Watch man, People's Participation etc.):- Fencing
- g) Proposed Monitoring Mechanism:- (M&E),
- h) Any Other information:- Nil.

Place: Ambalo
Dated: 07-1-2019

Note: CF (T) should countersign this C.A. scheme if area to be afforested is more than 5 hectare.

Place: Ambala

Achiala Seal----