

Full Title of the Project: Diversion of 0.45 ha. of forest land for laying of Natural Gas pipe line along NH-71 (New NH-709) at Km. 13.380 to 20.880 Sukhpura Chowk to Brahmanwas in under forest division and Distt. Rohtak.

File No. : FP/HR/Pipeline/118077/2020

Date of Proposal: 31.12.2020.

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR CA"

Name of the Forest/Reach to be diverted

Diversion of 0.45 ha. of forest land for laying of Natural Gas pipe line along NH-71 (New NH-709) at Km. 13.380 to 20.880 in under forest division and Distt. Rohtak.

Forest Area for CA = 0.9 Ha. Addl CA = : 0.04 Ha forest land/non-forest land where is to be carried out.

Division: **Rohtak** District : **Rohtak**

Tehsil: **Rohtak**

C.A. Site name : Rohtak-Gohana Rly Line Km. 14 to 17 L & R side 4 Line

Width of forest Land CA Site: 80 Fit.

GPS Reading

Latitude: 29°0'7.302"N Longitude: 76°38'55.140"E
 29°0'7.363"N Longitude: 76°38'54.930"E
 29°1'39.707"N Longitude: 76°39'30.390"E
 29°1'39.770"N Longitude: 76°39'30.180"E

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):
- b) If the CA site is other than the land bank, reasons be given:-
 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: Good
 - 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 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. 395.00 Per Plant
2nd Year maintenance	Rs. 138.00 Per Plant
3rd Year maintenance	Rs. 55.00 Per Plant
4th Year maintenance	Rs. 22.00 Per Plant
5th Year maintenance	Rs. 24.00 Per Plant
6th Year maintenance	Rs. 26.00 Per Plant
7th Year maintenance	Rs. 27.00 Per Plant
8th Year maintenance	Rs. 28.00 Per Plant
9th Year maintenance	Rs. 30.00 Per Plant
10th Year maintenance	Rs. 32.00 Per Plant
Total	Rs. 777.00

Area to be Diverted : 0.45 ha.

No. of Trees to be felled : 14

No. of Plants to be damaged : 20

Area to be planted under normal CA: $0.45 \times 2 = 0.9 \times 1000$ Plants = 900 Plants to be Planted under normal CA : **900 Plants** (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be Damaged = **40** Plants

Total Area to be planted **CA = : 0.9 Ha. Addl CA = : 0.04 Ha** (@ 1000 plants per ha.)

S. No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1st Year cost of afforestation	900	Rs.395.00 Per Plan	355500.00
	(2) 2nd Year maintenance	900	Rs.138.00Per Plant	124200.00
	(3) 3rd Year maintenance	900	Rs. 55.00 Per Plant	49500.00
	(4) 4th Year maintenance	900	Rs. 22.00 Per Plant	19800.00
	(5) 5th Year maintenance	900	Rs. 24.00 Per Plant	21600.00
	(6) 6th Year maintenance	900	Rs. 26.00 Per Plant	23400.00
	(7) 7th Year maintenance	900	Rs. 27.00 Per Plant	24300.00
	(8) 8th Year maintenance	900	Rs. 28.00 Per Plant	25200.00
	(9) 9th Year maintenance	900	Rs. 30.00 Per Plant	27000.00
	(10) 10th Year maintenance	900	Rs. 32.00 Per Plant	28800.00
	(11) Barbed wire fencing charge	RKM 3.6	Rs.2,00000/- Per RKM	720000.00
	Total Charges			1419300.00
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	141930.00
	Total (A) C.A. Charge			1561230.00
B	Additional Compensatory Afforestation Charges			
	(1) 1st Year cost of afforestation	40	Rs.395.00 Per Plan	15800.00
	(2) 2nd Year maintenance	40	Rs.138.00Per Plant	5520.00
	(3) 3rd Year maintenance	40	Rs. 55.00 Per Plant	2200.00
	(4) 4th Year maintenance	40	Rs. 22.00 Per Plant	880.00
	(5) 5th Year maintenance	40	Rs. 24.00 Per Plant	960.00
	(6) 6th Year maintenance	40	Rs. 26.00 Per Plant	1040.00
	(7) 7th Year maintenance	40	Rs. 27.00 Per Plant	1080.00
	(8) 8th Year maintenance	40	Rs. 28.00 Per Plant	1120.00
	(9) 9th Year maintenance	40	Rs. 30.00 Per Plant	1200.00
	(10) 10th Year maintenance	40	Rs. 32.00 Per Plant	1280.00
C	(11) Barbed wire fencing charge	RKM 0.16	Rs.2,00000/- Per	32000.00

39

	Total (B) Addl. C.A. Charges			63080.00
	Penal Compensatory Afforestation Charges			
	SMC Charges		30% on the CA Charges	468369.00
	Catchment Area Treatment			0
	Total (D)			0
E	Safety Zone (if required)			0
F	Additional Charges (if required)	Qty	Rate	0
	Total (F)			0
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha. 0.45 Ha	399150.00
H	Felling charges	Vol. M3	Rs.1200 /- per m3	1008
		0.84		
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			2492837.00

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacemen:- 4×4 meter
- Species:- Neem, Papri, Kachnar
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil.

Place:

Dated : 12/02/2021

Dy. Conservator of Forests
ROHTAK

Dy. Conservator of Forests,
Rohtak.

12/02/2021