

**Full Title of the Project:** Diversion of 0.297 Ha. of forest Land for Laying of underground RCC pipe line NP3 along with Bond-Unn road, in District, Charkhi Dadri, Haryana.

**File No. :** FP/HR/PIPELINE/45484/2020

**Date of Proposal:** 22.05.2020

**CHECK LIST SERIAL NUMBER:-18**

**“SCHEME FOR C.A.”**

**Name of the Forest/Reach to be diverted**

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**Forest Area = 1.42 Ha forest land/non-forest land where C.A. is to be carried out.**

**Division:** Charkhi Dadri District : Charkhi Dadri Tehsil: Charkhi Dadri

**C.A. Site name :** Dadri Distributory Rd 14-30 L&R/Side

**Width of forest Land CA Site:** 3 Mtr. L&R/side

**GPS Reading Starting Point:** Latitude: 28°46'51.20"N Longitude: 76°17'30.40"E

**Ending Point:** Latitude: 28°43'00.14"N Longitude: 76°14'49.88"E

Area to be Afforested :-

- 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. 347.08 per day as under:-

Year	Rate per Plant
1st Year cost of afforestation	Rs. 381.28 Per Plant
2nd Year maintenance	Rs. 122.48 Per Plant
3rd Year maintenance	Rs. 44.48 Per Plant
4th Year maintenance	Rs. 16.54 Per Plant
5th Year maintenance	Rs. 16.54 Per Plant
6th Year maintenance	Rs. 16.54 Per Plant
7th Year maintenance	Rs. 16.54 Per Plant
8th Year maintenance	Rs. 16.54 Per Plant
9th Year maintenance	Rs. 16.54 Per Plant
10th Year maintenance	Rs. 16.54 Per Plant
Total	Rs. 664.02

Area to be Diverted : 0.297 ha.  
 No. of Trees to be felled : 142

No. of Plants to be damaged : Nil

Area to be planted under normal CA: 0.297x2 = 0.594 x 1000 = 594 (Double the area to be diverted) or say

Plants to be Planted under normal CA : 142x10= 1420 Plants (@ 1000 plants per ha.)

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

Area to be planted under Addl. CA : Nil. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA : Nil

Total Area to be planted (CA = : **1.42 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	1420	Rs. 381.28	Per Plan	541417.6	
	(2) 2nd Year maintenance	1420	Rs.122.48	Per Plant	173921.6	
	(3) 3rd Year maintenance	1420	Rs. 44.48	Per Plant	63161.6	
	(4) 4th Year maintenance	1420	Rs. 16.54	Per Plant	23486.8	
	(5) 5th Year maintenance	1420	Rs. 16.54	Per Plant	23486.8	
	(6) 6th Year maintenance	1420	Rs. 16.54	Per Plant	23486.8	
	(7) 7th Year maintenance	1420	Rs. 16.54	Per Plant	23486.8	
	(8) 8th Year maintenance	1420	Rs. 16.54	Per Plant	23486.8	
	(9) 9th Year maintenance	1420	Rs. 16.54	Per Plant	23486.8	
	(10) 10th Year maintenance	1420	Rs. 16.54	Per Plant	23486.8	
	(11) Barbed wire fencing charge	RKM		Rs.2,00000/-	Per RKM	1136000.00
		5.68				
	Total Charges			10% on the CA charges		207890.84
Supervisory / Overhead / Miscellaneous Charges					<b>2286799.24</b>	
Total (A) C.A. Charge						
B	Additional Compensatory Afforestation Charges					
	(1) 1st Year cost of afforestation	0	Rs. 381.28	Per Plan	0	
	(2) 2nd Year maintenance	0	Rs.122.48	Per Plant	0	
	(3) 3rd Year maintenance	0	Rs. 44.48	Per Plant	0	
	(4) 4th Year maintenance	0	Rs. 16.54	Per Plant	0	
	(5) 5th Year maintenance	0	Rs. 16.54	Per Plant	0	
	(6) 6th Year maintenance	0	Rs. 16.54	Per Plant	0	
	(7) 7th Year maintenance	0	Rs. 16.54	Per Plant	0	

(8)	8th Year maintenance	0	Rs. 16.54 Per Plant	0
(9)	9th Year maintenance	0	Rs. 16.54 Per Plant	0
(10)	10th Year maintenance	0	Rs. 16.54 Per Plant	0
(11)	Barbed wire fencing charge	RKM	Rs.2,00000/- Per RKM	0
		0		0
<b>Total (B) Addl. C.A. Charges</b>				<b>0</b>
C	<b>Penal Compensatory Afforestation Charges</b>			
D	Soil and Moisture Conservation Charges	30% on the Penal CA charges		<b>686039.77</b>
	Catchment Area Treatment			0
	Total (D)			0
E	Safety Zone (if required)			0
F	Survey and Demarcation Charges	10% on the Penal CA Charges		<b>228679.92</b>
G	Net Present Value of Forest Land to be diverted	Rs. 887000/- per ha. <b>0.297</b>		<b>263439</b>
H	Felling charges	Vol. M3	Rs.1200 /- per m3	<b>32340</b>
		<b>26.95</b>		
<b>Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund</b>				<b>3497297.93</b>
<b>Or say</b>				<b>3497300</b>

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:- Shisham, Neem, Papri, Jamun
- 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: Charkhi Dadri  
Dated : 14/08/2020

Divisional Forest Officer  
Charkhi Dadri  
14/08/2020

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