

Full Title of the Project:

Diversion of 0.0067 ha. Forest land for access to retail outlet of IOCL at Mustil/Killa no. 51/8/1 on Neemri to Khark road, at village Neemri, Tehsil Charkhi Dadri under Forest Division Charkhi Dadri.

File No. : FCA

FP/HR/Approach/152351/2022

Date of Proposal:

14.2.2022

CHECK LIST SERIAL NUMBER:-18

Name of the Forest/Reach to be diverted:Vill Ch. Dadri.....

Diversion of forest land for.....Fuel Station Indian Oil Corporation Ltd.....

Forest Area =0.0067 ha.

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

DivisionCh. Dadri..... District..... Ch. Dadri.....

TehsilCh. Dadri.....Range... DadriNeemri to Malkosh road Km 0-1 L/Side

Area to be Afforested :- 0.1ha.

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:-
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: ...Sandy

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. 382 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 400 Per Plant
2 nd Year maintenance	Rs. 98 Per Plant
3 rd Year maintenance	Rs. 61 Per Plant
4 th Year maintenance	Rs. 25 Per Plant
5 th Year maintenance	Rs. 27 Per Plant
6 th Year maintenance	Rs. 30 Per Plant
7 th Year maintenance	Rs. 33 Per Plant
8 th Year maintenance	Rs. 36 Per Plant
9 th Year maintenance	Rs. 40 Per Plant
10 th Year maintenance	Rs. 44 Per Plant
Total	Rs. 794

Area to be Diverted : 0.0067 ha.

No. of Trees to be felled : Nil

No. of Plants to be damaged : Nil.

Area to be planted under normal CA : $0.0067 \times 2 = 0.0134 \times 1000 = 13.4$ (Double the area to be diverted)

Plants to be Planted under normal CA : 100 (@ 1000 plants per ha.)

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

Area to planted under Addl. CA : Nil

Total No. of plants to be planted (CA) : 100

Total Area to be planted (CA+ACA) : 0.1 ha. (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	100	Rs. 400 Per Plant	40000
	(2) 2 nd Year maintenance		Rs. 98 Per Plant	9800
	(3) 3 rd Year maintenance		Rs. 61 Per Plant	6100
	(4) 4 th Year maintenance		Rs. 25 Per Plant	2500
	(5) 5 th Year maintenance		Rs. 27 Per Plant	2700
	(6) 6 th Year maintenance		Rs. 30 Per Plant	3000
	(7) 7 th Year maintenance		Rs. 33 Per Plant	3300
	(8) 8 th Year maintenance		Rs. 36 Per Plant	3600
	(9) 9 th Year maintenance		Rs. 40 Per Plant	4000
	(10) 10 th Year maintenance		Rs. 44 Per Plant	4400
	C.A. Charges			79400/.
	(11) Barbed wire fencing charge = $100/250 = 0.4$ RKM		Rs. 200000/- Per RKM	80000/.
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	7940/
	Sub Total (A) Total C.A. Charges			167340/.
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	Rs. 400 Per Plant	0
	(2) 2 nd Year maintenance		Rs. 98 Per Plant	0
	(3) 3 rd Year maintenance		Rs. 61 Per Plant	0

	(4) 4 th Year maintenance		Rs. 25 Per Plant	0
	(5) 5 th Year maintenance		Rs. 27 Per Plant	0
	(6) 6 th Year maintenance		Rs. 30 Per Plant	0
	(7) 7 th Year maintenance		Rs. 33 Per Plant	0
	(8) 8 th Year maintenance		Rs. 36 Per Plant	0
	(9) 9 th Year maintenance		Rs. 40 Per Plant	0
	(10) 10 th Year maintenance		Rs. 44 Per Plant	0
	(11) Barbed wire fencing charge=0		Rs.200000/- Per RKM	0
	Sub Total (B) Total Addl. C.A. Charges			0
C	Penal C.A.			
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges	30% of the Total CA		23820
	Sub Total (D)			
E	Safety Zone			0
F	Additional Charges			
G	Felling charges = 0	Rs.1400 /- per m ³		0
	GRAND TOTAL (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund Rs. Or Say			191160/

2.

Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- 4 x 2½ meter
- Species:- Dalburgia Sisoo(Sisham), Syzygium cumini(Jamun), Malhar Arcide(Bakin), Azadirachta indica(Neem).
- Plantation Method :- Tall Plant..... Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.): **Fencing**
- Proposed Monitoring Mechanism:- **(M&E)**,
- Any Other information:- Nil.

Divisional Forest Officer,
Charkhi Dadri

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NPV Calculation sheet

	Description	Total Area	Rate	Total Amount(Rs)
A	Net Present Value of Forest land to be diverted	0.0067	Rs.957780(Lac/ha)	6417.126/.
Diverted land details				
	Project land category	Conditions		
1.	Eco Class	III		
2.	Canopy Density	Very Dense/Dense/Open		
3.	Density of Vegetation	0.2		
4.	Is Forest Area in National Park	10 times of NPV	NA	
5.	Wild Life Sanctuary	5 times of NPV	NA	
6.	Project type wise	50% for wind power project type wise	NA	
	Total NPV Payable			6417.126/.

Place: Charkhi Dadri

Date: 27.7.2022

Divisional Forest Officer,
Charkhi Dadri,
Charkhi Dadri.