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Full Title of the Project: Diversion of 0.0072 ha. of forest land for access to retail outlet of IOC, Ltd. at Mustil no. 61//2/2, 8/2, 12/2, 13/1, 18/2 on Nuh to Utawar road RHS, at village Jaisinghpur, Tehsil Nuh, under Forest Division & Distt. Nuh, Haryana

File No. :
Date of Proposal:

FP/HR/Approach/47429/2020
30.03.2021

CHECK LIST SERIAL NUMBER:-18
"CA SCHEME"

Name of the Forest/Reach to be : Full Title of the Project: Diversion of 0.0072 ha. of forest land for access to retail outlet of IOC, Ltd. at Mustil no. 61//2/2, 8/2, 12/2, 13/1, 18/2 on Nuh to Utawar road RHS, at village Jaisinghpur, Tehsil Nuh, under Forest Division & Distt. Nuh, Haryana

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

Tehsil Tauru Range Nuh

C.A. Site Name : Chilla Sec. 4&5

GPS Reading :- C.A= 0.104 ha.

Chilla Sec 4&5

N 28° 10' 29.170" E 76° 59' 11.240"
N 28° 10' 28.860" E 76° 59' 12.380"
N 28° 10' 27.140" E 76° 59' 10.800"
N 28° 10' 26.800" E 76° 59' 11.880"

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:- N.A.
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 to Sandy Loam.**
ii) Topography a. Hilly/Undulating/Plain: **Undulating**
b. Slope:-Steep/Medium/Gentle: **Gentle to steep**
iii) Whether the area is bearing any root stock of vegetation:- **At some hilly places.**

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 is calculated for **Plantation as per Small Plants**. At $4 \times 2\frac{1}{2}$ meter spacing and **1000 plants per Hec.** at the wages rate approved 2020-21 at Rs 347.08/- as per wage plants as under:- (inclusion with 10% per year future maintenance cost norms)

Sr. No.	Year	Rate per plant
1	1 st Year Plantation	420/- Per Plant
2	2 nd Year Maintenance	147/- Per Plant
3	3 rd Year Maintenance	58/- Per Plant
4	4 th Year Maintenance	24/- Per Plant
5	5th Year Maintenance	25/- Per Plant
6	6th Year Maintenance	27/- Per Plant
7	7th Year Maintenance	29/- Per Plant
8	8th Year Maintenance	30/- Per Plant
9	9th Year Maintenance	32/- Per Plant
10	10th Year Maintenance	34/- Per Plant

Area to be Diverted = **0.0072 ha.**

No. of trees to be felled= **4 No.**

Plants to be damaged= **Nil**

Plants to be planted= **104**

Area to be planted = Two time of the area to be diverted= **0.0072x2 =0.0144 ha.**

Plants to be Planted = **100+4=104 (@ 1000 plant per ha.)**

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

S. No.	Description	Total Area	Rate	Total Amount (Rs.)
		No. of plants		
A	Compensatory Afforestation Charges			
1	1st Year Plantation	104	420/- Per Plant	43680
2	2nd Year Plantation	104	147/- Per Plant	15288
3	3rd Year Plantation	104	58/- Per Plant	6032
4	4th Year Plantation	104	24/- Per Plant	2496
5	5th Year Plantation	104	25/- Per Plant	2600
6	6th Year Plantation	104	27/- Per Plant	2808
7	7th Year Plantation	104	29/- Per Plant	3016
8	8th Year Plantation	104	30/- Per Plant	3120
9	9th Year Plantation	104	32/- Per Plant	3328
10	10th Year Plantation	104	34/- Per Plant	3536
11	Tree Guard/Fencing Charge	104 No.	Rs. 1800 per no..	187200
	Total Charges)			273104
	Supervisory/Overhead/Miscellaneous Charges		10% On the CA Charges	27310
	Total (A) C.A Charges			300414

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Additional Compensatory Afforestation Charges			
B	Compensatory Afforestation Charges	No. of Plants	
1	1st Year Plantation		395/- Per Plant
2	2nd Year Plantation		138/- Per Plant
3	3rd Year Plantation		55/- Per Plant
4	4th Year Plantation		22/- Per Plant
5	5th Year Plantation		24/- Per Plant
6	6th Year Plantation		26/- Per Plant
7	7th Year Plantation		27/- Per Plant
8	8th Year Plantation		28/- Per Plant
9	9th Year Plantation		30/- Per Plant
10	10th Year Plantation		32/- Per Plant
11	Tree Guard/ Fencing Charge=	0.00 No.	Rs. 1800 per no.
	Total (B) Addl. C.A Charges		0.00
C	Catchment Area Treatment (if required)		
	Digging of Pit cum Trenches 104x2.0x0.45x0.45=42.12 cum	42.12 cum	143.31 per cum.
	Soil and Moisture Conservation Charges		30% of the Total C.A
D	Safety Zone (if required)		90124
E	Additional Charges (if required)		0
F	Net Present Value of Forest Land to be diverted		0
G	Felling Charges =	0.40 M3	Rs. 887000/- per ha.
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)		6386
	GRANT TOTAL		Rs.1200/- per m3
			480
			12103
			415543

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- $4 \times 2\frac{1}{2}$ meter
- Species:- Ronj (Vachellia leucophloea) Kheri (Prosopis Cineraria) Pahari Papri (Holoptelea integrifolia) Dhak (Butea monosperma) etc.
- Plantation Method :- Small 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 :

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


 Divisional Forest Officer
 Mewat-Nuh