

Full Title of the Project: Diversion of 0.0089 ha. of forest land for access to retail outlet of BPCL at Uttawar to Sikrawa road, L.H.S, Mustil no. 33 Killa no. 7 at Village Sikrawa, Tehsil Punhana, under Forest Division & District Nuh, Haryana.

File No. : FP/HR/Approach/144632/2021
Date of Proposal: 08.10.2021

CHECK LIST SERIAL NUMBER:-18
“CA SCHEME”

Name of the Forest/Reach to be : Full Title of the Project: Diversion of 0.0089 ha. of forest land for access to retail outlet of BPCL at Uttawar to Sikrawa road, L.H.S, Mustil no. 33 Killa no. 7 at Village Sikrawa, Tehsil Punhana, under Forest Division & District Nuh, Haryana.

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

Division: -Nuh District -Nuh

Tehsil Punhana Range Punhana

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

GPS Reading :- C.A= 0.103 ha.

Tigaon Sec 4&5

N 27° 49' 33.20" E 77° 02' 57.59"

N 27° 49' 32.68" E 77° 02' 58.70"

N 27° 49' 30.57" E 77° 02' 56.56"

N 27° 49' 30.12" E 77° 02' 57.45"

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 = **0.0089 ha.**

No. of trees to be felled= **1 No.**

Plants to be damaged= **1 No.**

Plants to be planted= **103**

Area to be planted = Two time of the area to be diverted= **0.0089x2 =0.0178 ha.**

Plants to be Planted = **101 (@ 1000 plant per ha.)**

Additional C.A in lieu of plants to be damaged (Double) the plants to be damaged) **2 No.**

S. No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Compensatory Afforestation Charges	No. of plants		
1	1st Year Plantation	101	420/- Per Plant	42420
2	2nd Year Plantation	101	147/- Per Plant	14847
3	3rd Year Plantation	101	58/- Per Plant	5858
4	4th Year Plantation	101	24/- Per Plant	2424
5	5th Year Plantation	101	25/- Per Plant	2525
6	6th Year Plantation	101	27/- Per Plant	2727
7	7th Year Plantation	101	29/- Per Plant	2929
8	8th Year Plantation	101	30/- Per Plant	3030
9	9th Year Plantation	101	32/- Per Plant	3232
10	10th Year Plantation	101	34/- Per Plant	3434
11	Tree Guard/Fencing Charge	101 No.	Rs. 1800 per no..	181800
	Total Charges)			265226
	Supervisory/Overhead/Miscellaneous Charges		10% On the CA Charges	26522
	Total (A) C.A Charges			291748

Additional Compensatory Afforestation Charges				
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	2	420/- Per Plant	840
2	2nd Year Plantation	2	147/- Per Plant	294
3	3rd Year Plantation	2	58/- Per Plant	116
4	4th Year Plantation	2	24/- Per Plant	48
5	5th Year Plantation	2	25/- Per Plant	50
6	6th Year Plantation	2	27/- Per Plant	54
7	7th Year Plantation	2	29/- Per Plant	58
8	8th Year Plantation	2	30/- Per Plant	60
9	9th Year Plantation	2	32/- Per Plant	64
10	10th Year Plantation	2	34/- Per Plant	68
11	Tree Guard/ Fencing Charge=	2 No.	Rs. 1800 per no.	3600
	Total (B) Addl. C.A Charges			5252
C	Catchment Area Treatment (if required)			
	Digging of Pit cum Trenches 103x2.0x0.45x0.45=41.715 cum	41.715 cum	143.31 per cum.	5978
	Soil and Moisture Conservation Charges		30% of the Total C.A	89100
D	Safety Zone (if required)			0
E	Additional Charges (if required)			0
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	7894
G	Felling Charges =	0.57 M3	Rs.1200/- per m3	684
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)			12020
GRANT TOTAL				412676

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Plantation will be done with 3 strand barbed wire.
- b) Spacement:- 4 × 2½ meter
- c) Species:- Ronj (Vachellia leucophloea) Kheri (Prosopis Cineraria)
Pahari Papri (Holoptelea integrifolia) Dhak (Butea monosperma) etc.
- d) Plantation Method :- Small 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:

Dated :


 Divisional Forest Officer
 Mewat-Nuh

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