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Full title on the Project: Diversion of 0.1013 ha. of Forest land for access for project of M/s Indian Oil Corporation Ltd. at Km 51.460 (LHS) on NH-65 (New NH-152) in Village Urnai, Tehsil Pehowa under Forest Division & Distt. Kurukshetra.

File No.: FP/HR/Approach/41572/2019

Date of Proposal : 04.09.2019

CHECK LIST SERIAL: NUMBER -18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted :

Full Title of the Project: Diversion of 0.1013 ha. of Forest land for access for project of M/s Indian Oil Corporation Ltd. at Km 51.460 (LHS) on NH-65 (New NH-152) in Village Urnai, Tehsil Pehowa under Forest Division & Distt. Kurukshetra.

Forest Area =0.1013..... ha.

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

Division & District Kurukshetra

Tehsil & Range Thanesar

C.A. Site name : Saraswati Drain RD 84-132 L/side

Area to be Afforested:-

- 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, reason be given :- **There is no land bank available in district Kurkushetra**

In case of non-forest area identified for CA, then what is the distance CA site from the adjoining forest boundary:-

- i. Soil type: **Sandy Laom**
- 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 requirement of funds is as under:-

The plantation cost is calculated for Tall Plantation norms at 4m x 2½ m spacing at the wage rate of Rs. 326/- per day as under :-

Area to be Diverted = 0.1013 ha.

No. of trees to be felled = 1

Plants to be damaged = 35

Plants to be planted = 100

Area to be planted = 0.1 (@ 1000 plant per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = 70

Sr. No.	DESCRIPTION		RATE	Per	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants			
	(1) 1st Year Cost of Afforestation	100	359.10	Per Plants	35910
	(2) 2nd Year Maintenance		115.35	Per Plants	11535
	(3) 3rd Year Maintenance		41.89	Per Plants	4189
	(4) 4th Year Maintenance		15.58	Per Plants	1558
	(5) 5th Year Maintenance		15.58	Per Plants	1558
	(6) 6th Year Maintenance		15.58	Per Plants	1558
	(7) 7th Year Maintenance		15.58	Per Plants	1558
	(8) 8th Year Maintenance		15.58	Per Plants	1558
	(9) 9th Year Maintenance		15.58	Per Plants	1558
	(10) 10th Year Maintenance		15.58	Per Plants	1558
	(11) Barbed wire fencing charges=0.4 RKM		76700	Per Rkm.	30680
	Total Charges				93220
	Supervisory / Overhead / Miscellaneous Charges		10% on the total CA charges		9322
	Total (A) CA Charges				102542
B	Additional Compensatory Afforestation Charges				
	(1) 1st Year Cost of Afforestation	70	359.10	Per Plants	25137
	(2) 2nd Year Maintenance		115.35	Per Plants	8075
	(3) 3rd Year Maintenance		41.89	Per Plants	2932
	(4) 4th Year Maintenance		15.58	Per Plants	1091
	(5) 5th Year Maintenance		15.58	Per Plants	1091
	(6) 6th Year Maintenance		15.58	Per Plants	1091
	(7) 7th Year Maintenance		15.58	Per Plants	1091
	(8) 8th Year Maintenance		15.58	Per Plants	1091
	(9) 9th Year Maintenance		15.58	Per Plants	1091
	(10) 10th Year Maintenance		15.58	Per Plants	1091
	(11) Barbed wire fencing charges=0.28 RKM		76700	Per Rkm.	21476
	Total (B) Addl. CA Charges				65254
C	Catchment Area Treatment (if required)				
	Soil Moisture Conservation (SMC) work		30% on the total CA charges		30763
	Total (C)				30763

D	Safety Zone (if required)				0
E	Additional Charges (if required)				0
	-----				0
	-----				0
	Total (D+E)				0
F	Net Present value of Forest Land to be diverted	887000	Per ha.		89853
G	Felling charges = m ³	0.00	1200	m ³	0
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund				288412

5. Technical details:-

Technical detail of Compensatory Afforestation Scheme are as follows:-

- General Detail:- Plantation will be done with 3 strand barbed wire in
- Spacing:- 4 x 2½ metre
- Species:- Neem, Bakain, Papri etc.
- Plantation method:- Tall Plantation
- Soil and Moisture Conservation work:- Nil
- Protection:- (Fencing, Watch man, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- Checking of Plantation work will be Done by RFO, DCF, CF & DCF (M&E)
- Any other information:- Nil

Place:- Kurukshetra

Date:-

Divisional Forest Officer
Kurukshetra Forest Division
Kurukshetra

pluket/c
4/9/19

Note:- CF (T) should counter sign this CA scheme if Area to be afforested is more than 5 hect.