

Full Title of the Project : Diversion of 0.00161 hectare of forest land for access to KSK Retail Outlet of Indian Oil Corporation Limited on Bal Rangdan Padha Road, L/Side, Village Bal Rangdan, Tehsil & District Karnal (Haryana).

File No. :- FP/HR/Others/11774/2015

Date of Proposal :- 30.04.2015.

CHECK LIST SERIAL NUMBER: 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for Compensatory Afforestation to be carried out in lieu of 0.0161 Ha. of forest area to be diverted for path for access to KSK Retail Outlet of Indian Oil Corporation Limited on Bal Rangdan Padha Road, L/Side, Village Bal Rangdan, Tehsil & District Karnal (Haryana) in Karnal District.

1. Details of degraded forest land/non-forest land :-

Village : Bal Rangdan Tehsil : Karnal District : Karnal
 Forest Division Karnal Forest Range:- Assandh
 Block No./Compartment No./Survey No.:-53C/13, R.F BASSI, COUP NO. 2
 Area to be afforested: - 0.128 RKM (32 Plants will be planted at the C.A Site)

2. Description of Area

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: **No, the site selected for compensatory Afforestation is not a land bank. It is a Degraded Forest Land.**
- II) If the CA site is other than the land bank, reasons be given : **There is no land available in the land bank in Karnal. Plantation will be carried out in degraded forest areas.**
- III) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: **C.A. will be carried out in Protected forest Area.**
- IV) Soil type : **Sandy loam**
- V) Topography :
 - (a) Hilly/Undulating/Plain: **Plain**
 - (b) Slope: Steep/Medium/Gentle: **Gentle**
- VI) Whether the area is bearing any root stock of vegetation: **No**

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Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed : **The Cost of norms for CA Planting 1 RKM i.e. 250 Plants in per RKM Tall Plants, as approved by P.C.C.F. Haryana vide his letter No. D-III-X-66-C/1605-25 dated 06.06.2012, at the wage rate of Rs.190.00 per day.**

4. Schedule of Plantation Programme :-

Detail of year wise break up of requirements of funds is as under:-:

Year	Rate/Ha.
0th Year	0.00
1 st Year	124.00
2 nd Year	43.00
3 rd Year	19.00
4 th Year	13.00
5 th Year	13.00
6 th Year	11.00
7 th Year	11.00
8 th Year	0.00
9 th Year	0.00
10 th Year	0.00
Supervision Charge	0.00
Total	234.00

1. Area to be Diverted :- 0.0161 Hectare
2. Area to be Planted :- Double area 0.0322 Hectare
3. No of Trees to felled :- -----Nil-----
4. No of Plants to be damaged :- -----Nil-----
5. No of Plants to be planted @ 1000 Plants per Hect
6. No. of Plants to be Planted :- (0.0322 X 1000 = Minimum 32 Tall Plants)
7. Minimum Plants to be Planted: - 32 No.
8. RKM 32 / 250 = 0.128 RKM

Compensatory Afforestation will be carried out 0.128 RKM and Total 32 No. Tall Plants will be planted. The yearly expenditure of 32 No. Tall Plants and maintenance given below:-

Detail of Operation	Component	Cost of Plantation & Maintenance Per Tall plants @ Rs 180.00 per day	Cost of Plantation & Maintenance Per Tall plants @ Rs 190.00 per day	Total No. of Tall Plants to be Planted	Total Cost of 32 No. Tall Plants
Ist Year Plantation	Tall Plants	122.00	124.00	32 Plants	3968.00
IInd Year Maintenance	Tall Plants	38.00	43.00		1376.00
IIIrd. Year Maintenance	Tall Plants	18.00	19.00		608.00
IVth. Year Maintenance	Tall Plants	11.00	13.00		416.00
Vth Year Maintenance	Tall Plants	11.00	13.00		416.00
VIth Year Maintenance	Tall Plants	0.00	11.00		352.00
VIIth Year Maintenance	Tall Plants	0.00	11.00		352.00
Total		200	234.00		32 Plants
Fencing Cost Rs.65,000.00 Per RKM= 65,000x 0.128 =Rs. 8320/-					
Net Present Value @ 8.87 Lac Per Hect. = 8,87000x 0.0161 = Rs. 14281/-					
Supervisory/Contingency/Overhead Charges @ 10% Of Total CA & Fencing Charges					
7488+ 8320 = 15808 x 10/100= Rs. 1581/-					
Total Cost.					31670.00
Or Say Amount will be deposited after the prior approval in CAMPA Fund					31670.00

4. Technical details:-

Technical detail of Compensatory Afforestation Scheme are as follows:-

- General Detail :-**
Compensatory Afforestation will carried out along With,
- R.F. BASSI, COUP NO. 2**
- 4x4mtr a Part
Neem & Shisham, Jamun/Jamoa etc.
- Spacing:-
Species:-
Plantation method :- Tall Plantation
Soil and Moisture Conservation Works :- -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)
- h) Any other information :- Nil

Place:- Karnal
Date:- 19.06.2015

Divisional Forest Officer,
Karnal Forest Division
KARNAL.