Title of the Project: For access to ESSAR Oil Ltd. retail outlet along Sirsa-Ellenabad road Km stone 48 R/s Chainage 48.140 at village Mallekan, under Forest Division & Distt. Sirsa.
File No. : FP/HR/Others/20761/2016
Date of Proposal : 31/07/2016

CHECK LIST SERIAL NUMBER-18
" SCHEME FOR CAMPENSATORY AFFORESTATION"

Detailed scheme for compensatory afforestation to be carried out in lieu for access to ESSAR Oil Ltd. retail outlet along Sirsa-Ellenabad road Km stone 48 R/s Chainage 48.140 at village Mallekan, under Forest Division & Distt. Sirsa.

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

Village: Beharwala Tehsil: Ellenabad Distt. Sirsa

Forest Division: Sirsa Forest Range: Rania

Block /Compartment/Survey No. Nil
Area to be Afforested: Ellenabad Disty. RD 44-49 L/R

2. **Description of the Area:-**
   - i) Whether the site selected for compensatory Afforestation is a Land bank or Not: - Yes, the site selected for compensatory afforestation is a land bank.
   - ii) It the CA site is other than the land bank, reason is given: - N.A.
   - iii) In case of non-forest area identified for CA , then what is the distance of CA site from the adjoining forest boundary :- N.A.
   - iv) Soil type : Sandy Loam
   - v) Topography a ~~Hilly/Undulating~~/Plain :
     b Slope :- ~~Steep/Medium~~/Gentle
   - vi) Whether the area is bearing any root stock of vegetation :- Yes

3. **Plantation Model :-**
   Copy of the approved Compensatory Afforestation Scheme /Model showing component wise physical and financial break up is as under :-

4- **Schedule of plantation Programme:-**
   Detail of year wise break-up of requirements of funds is as under :-

The plantation cost is calculated for Tall Plantation norms at 4m X 2.5m spacing and 250 plants per RKM and it is approved by the PCCF, Haryana, Panchkula letter No. dated at the wage Rate Rs. 190/- Per day as under:-

Sr. No.	Year	Rate Per Plant
1	Istyear Plantation	Rs. 172/- Per Plant
2	IInd year Plantation	Rs. 64/- Per Plant
3	IIIrd year Plantation	Rs. 32/- Per Plant
4	IVth year Plantation	Rs.25/- Per Plant
5	Vth year Plantation	Rs. 26/- Per Plant
6	VIth year Plantation	Rs. 15/- Per Plant
7	VIIth year Plantation	Rs. 8/- Per Plant
8	VIIIth year Plantation	Rs. 9/- Per Plant
9	IXth year Plantation	Rs. 10/- Per Plant
10	Xth year Plantation	Rs. 11/- Per Plant
	Total	Rs. 372/-

Area to be diverted = 0.0130 Ha
Area to be planted = 0.0260 Ha (Double of the area to be diverted)
No. of trees to be felled = Nil
No. of plants to be damaged = Nil
Number of plants to be planted as Addl. CA = Nil

Description		Rate	Total Amt. (Rs.)
Net Present Value of Forest Land to be diverted		Rs. 8.87 Lacs per Ha	11531
Compensatory afforestation Charges	No. of Plants		
(1) Ist Year cost of afforestation	26	Rs. 172/- Per Plant	4472
(2) 2nd Year maintenance	26	Rs. 64/- Per Plant	1664
(3) 3rd Year maintenance	26	Rs. 32/- Per Plant	832
(4) 4th Year maintenance	26	Rs. 25/- Per Plant	650
(5) 5th Year maintenance	26	Rs. 26/- Per Plant	676
(6) 6th Year maintenance	26	Rs. 15/- Per Plant	390
(7) 7th Year maintenance	26	Rs. 8/- Per Plant	208
(8) 7th Year maintenance	26	Rs. 9/- Per Plant	234
(9) 9th year maintenance	26	Rs. 10/- Per Plant	260
(10) 10th Year maintenance	26	Rs. 11/- Per Plant	286
(11) Barbed wire fencing charge	0.104	Rs. 76700/- Per RKM	7977
Total C.A. Charges (B)		**Total**	**17649**
Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges	1765
Total C.A. Charges (B+C)		**Total**	**19414**
Additional Compesatory Afforestation			
(1) Ist Year cost of afforestation	0	Rs. 172/- Per Plant	0
(2) 2nd Year maintenance	0	Rs. 64/- Per Plant	0
(3) 3rd Year maintenance	0	Rs. 32/- Per Plant	0
(4) 4th Year maintenance	0	Rs. 25/- Per Plant	0
(5) 5th Year maintenance	0	Rs. 26/- Per Plant	0
(6) 6th Year maintenance	0	Rs. 15/- Per Plant	0
(7) 7th Year maintenance	0	Rs. 8/- Per Plant	0
(8) 7th Year maintenance	0	Rs. 9/- Per Plant	0
(9) 9th year maintenance	0	Rs. 10/- Per Plant	0
(10) 10th Year maintenance	0	Rs. 11/- Per Plant	0
(11) Barbed wire fencing charge	0	Rs. 76700/- Per RKM	0
Total Addl. C.A. Charges		**Total**	**0**
Supervisory/Overhead /Miscellaneous Charges		10% on the total Addl. CA charges	0
Total Addl. C.A. Charges		**Total**	**0**
Catchment Area Treatment		30 % of the Total CA	**0**
Soil and Moisture Conservation			
Sub Total (D)			**0**
Felling charges Volume M^3	0	Rs. 1000/- per M3	0
Total		**Total**	**0**
Any other charges (if necessary)			
Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			30945

5

Divisional Forest Officer
Sirsa Forest Division
SIRSA

3- Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

a) General Details:- Plantation will be done with 3 strand barbed wire in Reserved/Protected forests.
b) Spacement :- 4x2.5 meter, T.P. Planting
c) Species :- Neem, Shisham, Jamun etc.
d) Plantation Method :- Tall Plantation
e) Soil and Moisture Conservation Works :- Nil
f) Protection (Fencing Watch man, People's Participation etc.):- **Fencing**
g) Proposed Monitoring Mechanism :- Inspection
h) Any other information:-Nil.

Divisional Forest Officer
Sirsa Forest Division
SIRSA