Title of the Project: For access to IOCL retail outlet along Chautala – Ratanpura road (within one Km from Rajasthan Border) L/s at village Chautala under forest division & Distt. Sirsa.
File No. : FP/HR/Others/19674/2016
Date of Proposal : 26/05/2016

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

Detailed scheme for compensatory afforestation to be carried out in lieu for access to IOCL retail outlet along Chautala–Ratanpura road (within one Km from Rajasthan Border) L/s at village Chautala under forest division & Distt. Sirsa.

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

Village: Khuiyan Tehsil: Dabwali Distt.: Sirsa
Forest Division: Sirsa Forest Range: Dabwali
Block /Compartment/Survey No. Nil
Area to be Afforested:BMB Canal RD 374-376 L/s

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) If 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 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 = 0.0870Ha
Area to be planted (Two times of the area to be diverted) = 0.174Ha
No. of trees to be felled = 17 (5.06M³)
No. of plants to be damaged = 12 (Pole Size Tree)
Number of plants to be Planted [@1000 plant per Hectare]=174
Addl. CA = 24

Sr. No.	Description		Rate	Total Amt. (Rs.)
A	Net Present Value of Forest Land to be diverted		Rs. 8.87 Lacs per Ha	FL 385845 NFL 344156
B	Compensatory afforestation Charges	No. of		
		Plants		
	(1) Ist Year cost of afforestation	174	Rs. 172/- Per Plant	29928
	(2) 2nd Year maintenance	174	Rs. 64/- Per Plant	11136
	(3) 3rd Year maintenance	174	Rs. 32/- Per Plant	5568
	(4) 4th Year maintenance	174	Rs. 25/- Per Plant	4350
	(5) 5th Year maintenance	174	Rs. 26/- Per Plant	4524
	(6) 6th Year maintenance	174	Rs. 15/- Per Plant	2610
	(7) 7th Year maintenance	174	Rs. 08/- Per Plant	1392
	(8) 7th Year maintenance	174	Rs. 09/- Per Plant	1566
	(9) 9th year maintenance	174	Rs. 10/- Per Plant	1740
	(10) 10th Year maintenance	174	Rs. 11/- Per Plant	1914
	(11) Barbed wire fencing charge	0.696	Rs. 76700/- PerRKM	53383
	Total C.A. Charges (B)		Total	118111
C	Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges	11811
	Total C.A. Charges (B+C)		**Total**	**129922**
D	Additional Compensatory afforestation			
	(1) Ist Year cost of afforestation	24	Rs. 172/- Per Plant	**4128**
	(2) 2nd Year maintenance	24	Rs. 64/- Per Plant	**1536**
	(3) 3rd Year maintenance	24	Rs. 32/- Per Plant	**768**
	(4) 4th Year maintenance	24	Rs. 25/- Per Plant	**600**
	(5) 5th Year maintenance	24	Rs. 26/- Per Plant	**624**
	(6) 6th Year maintenance	24	Rs. 15/- Per Plant	**360**
	(7) 7th Year maintenance	24	Rs. 08/- Per Plant	**192**
	(8) 7th Year maintenance	24	Rs. 09/- Per Plant	**216**
	(9) 9th year maintenance	24	Rs. 10/- Per Plant	**240**
	(10) 10th Year maintenance	24	Rs. 11/- Per Plant	**264**
	(11) Barbed wire fencing charge	0.096	Rs.76700/- Per RKM	**7363**
	Total Addl. CA Charges			**16291**
	Supervisory/Overhead /Miscellaneous Charges			**1629**
	Total Add. C.A. Charges			**17920**
E	Felling charges Volume M3	5.06	Rs. 1000/- per M3	**5060**
F	Plantation damage charges	0	Rs. 236/- per plant	**0**
	Total (1+2)		**Total**	**5060**
G	Any other charges (if necessary)			
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			**882903**

Divisional Forest Officer
Sirsa Forest Division
SIRSA
1-4-2013

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.

Place :Sirsa

Date: 01.4.17

Divisional Forest Officer
Sirsa Forest Division
SIRSA
31.3.17
1-4-2017