

**Title of the Project:** For access to M/s Nayara Energy (Formerly ESSAR Oil) retail outlet on bearing Khasra no. 59//14/1, 14/2 on Dabwali Choutala road at village Shergarh, under Forest Division & Distt. Sirsa.  
**File No.:** FP/HR/Approach/146132/2021  
**Date of Proposal:** 19/08/2021

## CHECK LIST SERIAL NUMBER:-18

### "SCHEME FOR C.A."

**Name of the Forest/Reach to be diverted:** Khasra no. 59//14/1, 14/2 on Dabwali Choutala road at village Shergarh, under Forest Division & Distt. Sirsa.  
**Forest Area =** 0.0259 ha.

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

Division: Sirsa District: Sirsa Tehsil: Dabwali Range: Dabwali

C.A. Site name: Jandwala Minor RD 50-57 Left Side

Area to be Afforested : 0.10 ha

- a) Whether the site selected for Compensatory Afforestation is a Land bank: (No)  
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 :- N/A

i) Soil type: Soil type is sandy/loam

ii) 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 requirements of funds is as under:-

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 347.08 per day as under:-

Year	Rate per Plant
1 <sup>st</sup> Year cost of afforestation	Rs. 381.36/- Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 122.5/- Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 44.49/- Per Plant
4 <sup>th</sup> Year maintenance	Rs. 16.54/- Per Plant
5 <sup>th</sup> Year maintenance	Rs. 16.54/- Per Plant
6 <sup>th</sup> Year maintenance	Rs. 16.54/- Per Plant
7 <sup>th</sup> Year maintenance	Rs. 16.54/- Per Plant
8 <sup>th</sup> Year maintenance	Rs. 16.54/- Per Plant
9 <sup>th</sup> Year maintenance	Rs. 16.54/- Per Plant
10 <sup>th</sup> Year maintenance	Rs. 16.54/- Per Plant
<b>Total</b>	<b>Rs. 664.13</b>



Area to be Diverted : 0.0259 ha.

No. of Trees to be felled : 0

No. of Plants to be damaged : Nil

Area to be planted under normal CA : 0.100 ha. (Normal CA area planted)

Plants to be Planted under normal CA : 100 (@ 1000 plants per ha.)

Total Area to be planted (CA) : 0.10 ha. (@ 1000 plants per ha.)

Sr. No.	Description	Area in Ha.	Rate	Total Amt. (Rs.)
A	Net Present Value of Forest Land to be diverted	0.0259	Rs. 8.87 Lacs per Ha	<b>22973</b>
B	Compensatory afforestation Charges	No. of plants		
	(1) 1st Year cost of afforestation	100	Rs. 381.36/- Per Plant	38136.00
	(2) 2nd Year maintenance	100	Rs. 122.50/- Per Plant	12250.00
	(3) 3rd Year maintenance	100	Rs. 44.49/- Per Plant	4449.00
	(4) 4th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(5) 5th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(6) 6th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(7) 7th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(8) 8th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(9) 9th year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(10) 10th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(11) Barbed wire fencing charge	0.4	Rs. 200000/- per RKM	80000.00
	Total C.A. Charges (B)		Total	146413.00
C	Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges	14641.30
	Total C.A. Charges (B+C)		<b>Total</b>	<b>161054.30</b>
D	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA	<b>48316.29</b>
E	Additional Compensatory afforestation			
	Total Add. C.A. Charges			<b>0.00</b>
	Penalty for violation as per provisions of s.no. ii (a) Para 1.21 Chapter-1 of Handbook of forest (Conservation) Act, 1980 and forest Conservation Rules, 2003 (Guidelines & Clarifications)-2019 with interest. Period of violation from 25-02-2010 to 22-09-2021 (Maximum 5 years) Amount of NPV for penalty/violation=Amount of NPV*No. of years under violation(Maximum 5 years) (22973*5 =114865 Amount of Interest i.e. 12% per annum on amount of NPV for penalty= 114865*12/100*5=68919		Amount of NPV for penalty/violation+Amount of interest= 114865+68919= 183784	183784
	<b>Total Penalty for violation</b>		114865+68919	<b>183784</b>
F	Felling charges Volume (M3)	0	Rs. 1200/- per M3	0.00
			<b>Total</b>	<b>0.00</b>
G	Any other charges (if necessary)			<b>0.00</b>
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			<b>416128</b>



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:-  $4 \times 2\frac{1}{2}$  meter
- c) Species:- Neem, Shisham, Jamun etc.
- d) Plantation Method :- Tall Plantation
- e) Soil and Moisture Conservation Works: As per Scheme.
- f) Protection (Fencing, Watchman, Tree Guard etc.): - Fencing
- g) Proposed Monitoring Mechanism:- (M&E)
- h) Any Other information:- Nil

Place: Sirsa

Date:

Signature

Name:

Office Seal

Ram Kumar Jangra, H.F.S

Divisional Forest Officer.

SIRSA