

Title of the Project: For Construction of 4-Lane Road from Airport to Main Bye Pass Km. 260.35 to 261.50 (CMA 24520 dt. 20.11.2018), Under Forest Division & Distt. Sirsa.

File No.: FP/HR/Road/155473/2022

Date of Proposal: 17/05/2022

CHECK LIST SERIAL NUMBER:-18

“SCHEME FOR C.A.”

Name of the Forest/Reach to be diverted: Construction of 4-Lane Road from Airport to Main Bye Pass Km. 260.35 to 261.50 (CMA 24520 dt. 20.11.2018) of Provincial Division No. II, PWD B&R, Sirsa, under Forest Division & Distt. Sirsa.

Forest Area= 0.8395 ha.

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

Division: Sirsa District: Sirsa Tehsil: Kalanwali Range: Kalanwali

C.A. Site name: Chormar Minor. RD 0-25 L/R Side

Area to be Afforested : 0.49 ha.

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

- Soil type: Sandy & Loamy
- Topography a. Hilly/Undulating/Plain : Plain
- 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 Spacing at the Wage Rate of **Rs. 393.97** per day as under:-

Year	Rate per Plant
1 st Year Cost of Afforestation	Rs. 432.88/- Per Plant
2 nd Year Maintenance	Rs. 139.05/- Per Plant
3 rd Year Maintenance	Rs. 50.49/- Per Plant
4 th Year Maintenance	Rs. 18.76/- Per Plant
5 th Year Maintenance	Rs. 18.76/- Per Plant
6 th Year Maintenance	Rs. 18.76/- Per Plant
7 th Year Maintenance	Rs. 18.76/- Per Plant
8 th Year Maintenance	Rs. 18.76/- Per Plant
9 th Year Maintenance	Rs. 18.76/- Per Plant
10 th Year Maintenance	Rs. 18.76/- Per Plant
Total	Rs. 753.77

69

Title of the Project: For Construction of 4-Lane Road from Airport to Main Bye Pass Km. 260.35 to 261.50 (CMA 24520 dt. 20.11.2018), Under Forest Division & Distt. Sirsa.

File No.: FP/HR/Road/155473/2022

Date of Proposal: 17/05/2022

NPV Calculation Sheet

Net present Value to be realized in lieu of diversion of 0.8395 ha. of Forest Land for access to Construction of 4-Lane Road from Airport to Main Bye Pass Km. 260.35 to 261.50 (CMA 24520 dt. 20.11.2018) under Forest Division & Distt. Sirsa, Haryana have been fixed based on the outcome Scientific assessment of Ecosystem Goods and Services.

In this case NPV is calculated as per Eco class III (Open) @ 957780/- Per ha.

Fitment factor of 1.53 i.e @

Diverted Land 0.8395x 957780= 804056/-

AK
Nawal Kishore, HFS

Divisional Forest Officer,
Sirsa,
Sirsa Forest Division, Sirsa

Q

hj

Area to be Diverted : 0.8395 ha.

No. of Trees to be felled : 49

No. of Plants to be felled : Nil

Plants to be Planted under Normal CA : 1679 (Double times of Diverted Area)

Area to be Planted under Normal CA : 1.679 ha. (@ 1000 plants per ha.)

Addl C.A. in lieu of Plants to be damaged = Nil

Area to be Planted under Addl. CA : Nil

Total No. of Plants to be Planted (CA+Addl.CA) : 1679

Total Area to be Planted (CA+Addl.CA) : 1.679 ha. (@ 1000 plants per ha.)

Sr. No.	Description	Area in Ha.	Rate	Total Amt. (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1st Year cost of Afforestation	1679	Rs. 432.88/- Per Plant	726806
	(2) 2nd Year Maintenance	1679	Rs. 139.05/- Per Plant	233465
	(3) 3rd Year Maintenance	1679	Rs. 50.49/- Per Plant	84773
	(4) 4th Year Maintenance	1679	Rs. 18.76/- Per Plant	31498
	(5) 5th Year Maintenance	1679	Rs. 18.76/- Per Plant	31498
	(6) 6th Year Maintenance	1679	Rs. 18.76/- Per Plant	31498
	(7) 7th Year Maintenance	1679	Rs. 18.76/- Per Plant	31498
	(8) 8th Year Maintenance	1679	Rs. 18.76/- Per Plant	31498
	(9) 9th year Maintenance	1679	Rs. 18.76/- Per Plant	31498
	(10) 10th Year Maintenance	1679	Rs. 18.76/- Per Plant	31498
	(11) Barbed Wire Fencing Charges	6.72	Rs. 200000/- per RKM	1343200
			Total	2608729
B	Supervisory/Overhead /Miscellaneous Charges		10% on the Total CA Charges (1st Year Cost to 10 Year Maintenance)	126553
C	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA (1st Year Cost to 10 Year Maintenance)	379659
	Total C.A. Charges		G.Total (C.A)	3114941
D	Additional Compensatory Afforestation		Total Add. C.A. Charges	0
E	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.		Amount of NPV for Penalty/Violation+Amount of interest	0
F	Felling charges Volume (M3)	48.79	Rs. 1200/- per M3	58548
			Total	58548
G	Any Other Charges (if necessary)			
	Demarcation Charges			0
			Grand Total (A+B+C+D+E+F+G) to be Deposited in CAMPA fund	3173489.00

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 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, People's Participation etc.):- Fencing
- g) Proposed Monitoring Mechanism:- (M&E)
- h) Any Other information:- Nil

Place: Sirsa

Date:

Name:

Signature

Office Seal


Nawal Kishore, HFS

Divisional Forest Officer
Sirsa Forest Division, Sirsa