

Title of the Project: For Laying 350mm i/d from IPS Khairpur to IPS Bal Bhawan rising main Sewer pipeline, under Forest Division & Distt. Sirsa.

File No.: FP/HR/OTHER/43391/2019

Date of Proposal: 14/12/2019

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: IPS Khairpur to IPS Bal Bhawan rising main Sewer pipeline, under Forest Division & Distt. Sirsa.

Forest Area = 0.03605 ha.

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

Division: Sirsa

District: Sirsa

Tehsil: Sirsa

Range: Sirsa

C.A. Site name: Sukhchain Disty. RD 135-137 L/R 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: Good

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. 326.82 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 359.10 Per Plant
2 nd Year maintenance	Rs. 115.35 Per Plant
3 rd Year maintenance	Rs. 41.89 Per Plant
4 th Year maintenance	Rs. 15.58 Per Plant
5 th Year maintenance	Rs. 15.58 Per Plant
6 th Year maintenance	Rs. 15.58 Per Plant
7 th Year maintenance	Rs. 15.58 Per Plant
8 th Year maintenance	Rs. 15.58 Per Plant
9 th Year maintenance	Rs. 15.58 Per Plant
10 th Year maintenance	Rs. 15.58 Per Plant
Total	Rs. 625.40

Area to be Diverted : 0.03605 ha.

No. of Trees to be felled : Nil

Area to be planted under normal CA : 0.10 (Under normal CA Scheme)

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

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

Total No. of plants to be planted (CA+Addl.CA) : 100

Total Area to be planted (CA+Addl.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	0.03605	Rs. 8.87 Lacs per Ha	31976
B	Compensatory afforestation Charges	No. of plants		
	(1) 1st Year cost of afforestation	100	Rs. 359.1/- Per Plant	35910
	(2) 2nd Year maintenance	100	Rs. 115.35/- Per Plant	11535
	(3) 3rd Year maintenance	100	Rs. 41.89/- Per Plant	4189
	(4) 4th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(5) 5th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(6) 6th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(7) 7th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(8) 7th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(9) 9th year maintenance	100	Rs. 15.58/- Per Plant	1558
	(10) 10th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(11) Barbed wire fencing charge	0.4	Rs. 76700/- Per RKM	30680
	Total C.A. Charges (B)		Total	93220
C	Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges	9322
	Total C.A. Charges (B+C)		Total	102542
D	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA	30763
E	Additional Compensatory afforestation			--
	Total Add. C.A. Charges			--
F	Felling charges Volume (M3)	0	Rs. 1200/- per M3	--
G	Any other charges (if necessary)			
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			165281

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- $4 \times 2\frac{1}{2}$ meter
- Species:- Neem, Shisham, Jamun etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works: As per Scheme.
- Protection (Fencing, Watchman, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E)
- Any Other information:- Nil

Place: Sirsa

Dated : 07/02/2020

Jitender Anawat I.F.S.

Dy. Conservator of Forests
SIRSA