

Full Title of the Project: Diversion 1.445ha. Forest Land for Providing and laying HDPE Rising Main for treated Effluent from existing 2 Nos STPS upto Drain No. 8 , R/Side Near Bakra Village Town and District Jhajjar.
Proposal No. : FP/HR/Pipeline/127698/2021
Date of Proposal: 10 March, 2021

CHECK LIST SERIAL NUMBER:-17
"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted

Forest Area = 1.445ha.

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

Division:- **Jhajjar** District :- **Jhajjar** Tehsil: **Jhajjar** Range:- **Jhajjar**

C.A Site Name – **Bahrana Minor, RD 0 to 35 L&R/Side**

Start L/s E 28° 47' 06.45" N 76° 35' 44.73" R/s E 28° 47' 06.55" N 76° 35' 44.91"
 End L/s E 28° 43' 25.03" N 76° 41' 26.20" R/s E 28° 43' 25.09" N 76° 41' 25.45"

- Area to be Afforested :-
- Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):
 - If the CA site is other than the land bank, reasons be given:-
 In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
 - Soil type: **Good**
 - Topography
 - Hilly/Undulating/Plain: **Plain**
 - Slope:-Steep/Medium/Gentle: **Gentle**
 - 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 st Year cost of afforestation	Rs. 395.00 Per Plant
2 nd Year maintenance	Rs. 138.00 Per Plant
3 rd Year maintenance	Rs. 55.00 Per Plant
4 th Year maintenance	Rs. 22.00 Per Plant
5 th Year maintenance	Rs. 24.00 Per Plant
6 th Year maintenance	Rs. 26.00 Per Plant
7 th Year maintenance	Rs. 27.00 Per Plant
8 th Year maintenance	Rs. 28.00 Per Plant
9 th Year maintenance	Rs. 30.00 Per Plant
10 th Year maintenance	Rs. 32.00 Per Plant
Total	Rs. 777.00

Area to be Diverted : 1.445ha.

No. of Trees to be felled : 0=0m3

No. of Plants to be damaged : 0

Area to be planted under normal CA : 2.89 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 2890plants (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 0no.

Area to planted under Addl. CA : 0.0100 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 2890plants

Total Area to be planted (CA+Addl.CA) : 2.89ha. (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 st Year cost of afforestation	2890	Rs. 395.00 Per Plant	1141550
	(2) 2 nd Year maintenance	2890	Rs. 138.00 Per Plant	398820
	(3) 3 rd Year maintenance	2890	Rs. 55.00 Per Plant	158950
	(4) 4 th Year maintenance	2890	Rs. 22.00 Per Plant	63580
	(5) 5 th Year maintenance	2890	Rs. 24.00 Per Plant	69360
	(6) 6 th Year maintenance	2890	Rs. 26.00 Per Plant	75140
	(7) 7 th Year maintenance	2890	Rs. 27.00 Per Plant	78030
	(8) 8 th Year maintenance	2890	Rs. 28.00 Per Plant	80920
	(9) 9 th Year maintenance	2890	Rs. 30.00 Per Plant	86700
	(10) 10 th Year maintenance	2890	Rs. 32.00 Per Plant	92480
	(11) Barbed wire fencing charge	RKM 11.56	Rs.200000/- Per RKM	2312000
Total Charges				4557530
Supervisory / Overhead / Miscellaneous Charges			10% on the CA charges	455753
Total (A) C.A. Charge				5013283
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	Rs. 395.00 Per Plant	0
	(2) 2 nd Year maintenance	0	Rs. 138.00 Per Plant	0
	(3) 3 rd Year maintenance	0	Rs. 55.00 Per Plant	0
	(4) 4 th Year maintenance	0	Rs. 22.00 Per Plant	0
	(5) 5 th Year maintenance	0	Rs. 24.00 Per Plant	0

(6)	6 th Year maintenance	0	Rs. 26.00 Per Plant	0
(7)	7 th Year maintenance	0	Rs. 27.00 Per Plant	0
(8)	8 th Year maintenance	0	Rs. 28.00 Per Plant	0
(9)	9 th Year maintenance	0	Rs. 30.00 Per Plant	0
(10)	10 th Year maintenance	0	Rs. 32.00 Per Plant	0
(11)	Barbed wire fencing charge	RKM	Rs.200000/- Per RKM	0
		0.0		
Total (B) Addl. C.A. Charges				0
C	Penal C.A.	-		0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	1503985
	Total (D)			
E	Safety Zone (if required)			
F	Additional Charges (if required)	Qty	Rate	
	Total (F)			
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	1281715
H	Felling charges	Vol. M ³	Rs.1400 /- per m ³	0
		0		
Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund				7798983

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, Jamun, Shisham, Papri etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.):- **Fencing**
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil.

Place : Jhajjar

Dated 19-12-2020

Divisional Forest Officer

Jhajjar Forest Division

Office Seal. Divisional Forest Officer

JHAJJAR