

**Full Title of the Project:-**Diversion of 0.1157 Ha. for Urlana Kalan (Cat-2) Prov. Water House connection and Disty. Pipeline under JJM in Village Urlana Kalan, Tehsil Madlauda, Distt. Panipat.

**Proposal No.**FP/HR/Pipeline/145113/2021

**Date of Proposal:-** 22-07-2021

**CHECK LIST SERIAL NUMBER:-18**  
**"SCHEME FOR C.A."**

**Name of the Forest/Reach to be diverted :** Urlana Kalan Road

**Forest Area =** 0.1157 ha.

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

**Division:** Panipat

**District :** Panipat

**Tehsil:** Panipat

**C.A. Site name/Compt. Survey No. :** H43Q16, Puther Drain From Bandh Village to Kakoda (L/R Side)

**Area to be Afforested :-**

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

**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:-(inclusion with 10% per year future maintenance cost Norms)

Year	Rate per Plant
1 <sup>st</sup> Year cost of afforestation	Rs. 395/- Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 138/- Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 55/- Per Plant
4 <sup>th</sup> Year maintenance	Rs. 22/- Per Plant
5 <sup>th</sup> Year maintenance	Rs. 24/- Per Plant
6 <sup>th</sup> Year maintenance	Rs. 26/- Per Plant
7 <sup>th</sup> Year maintenance	Rs. 27/- Per Plant
8 <sup>th</sup> Year maintenance	Rs. 28/- Per Plant
9 <sup>th</sup> Year maintenance	Rs. 30/- Per Plant
10 <sup>th</sup> Year maintenance	Rs. 32/- Per Plant

Area to be Diverted : 0.1157 ha.

No. of Trees to be felled : Nil

No. of Plants to be damaged : Nil

Area to be planted under normal CA : 0.1 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 100 plants (0.1 @ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged

(Double the plants to be damaged)= Nil

Area to planted under Penal CA : Nil ( @ 1000 plants per ha.)

Planted to be planted under Penal CA : Nil

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

**Total Area to be planted (CA+Addl.CA+Penal CA) : 0.1 ha. (100 plants@ 1000 plants per ha.)**

Compensatory Afforestation Scheme is proposed and Recommends to CA. The yearly expenditure of 100 No. Tall Plants and maintenance given below:-


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Detail of Year Wise Plantation and Maintenance Cost and Other Expenditure				
S. NO.	DESCRIPTION		RATE	AMOUNT
A	Compensatory Afforestation Charges	No. of Plants		
	Ist Year cost of afforestation	100	Rs. 395 Per Plant	39500
	IIInd Year Maintenance		Rs. 138 Per Plant	13800
	IIIrd. Year Maintenance		Rs. 55 Per Plant	5500
	IVth. Year Maintenance		Rs. 22 Per Plant	2200
	Vth Year Maintenance		Rs. 24 Per Plant	2400
	VIth Year Maintenance		Rs. 26 Per Plant	2600
	VIIth Year Maintenance		Rs. 27 Per Plant	2700
	VIIIth Year Maintenance		Rs. 28 Per Plant	2800
	IXth Year Maintenance		Rs. 30 Per Plant	3000
	Xth Year Maintenance		Rs. 32 Per Plant	3200
	Berbed wire fencing charges	RKM	Rs. 200000/- Per RKM	80000
		0.4		
	Total Charges			1,57,700
	Supervisory/Overhead/Miscellaneous Charges		10% on the CA Charges	15,770
Total (A) CA Charges			1,73,470	
B	Catchment Area Treatment			
	Soil and Moisture Conservation Charges	30% of the Total CA	52,041	
Total (C)			52,041	
C	Safety Zone		0	
D	Additional other Charges	Qty.	Rate	
	Total (E)	0	0	
E	Net Present Value of Forest Land to be diverted		Rs. 887000/-per ha.	
F	Penalty for violation as per provision B(i) of MoEFCC Letter No. 11-42/2014-FC dt. 29-01-2018 with interest. ---Nil--		---	
G	Felling Charges	Vol. M <sup>3</sup>	Rs. 1200/- per m <sup>3</sup>	
		0	0	
Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund			3,28,137	

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Compensatory Afforestation will carried out along With, Puther Drain From Bandh Village to Kakoda Village (L/R Side) Plantation Will be done 3 stand barbed wire in P.F. This land is a protected forest vide Haryana Govt. Notification No.S.O. .49CA/16/27S 29/79 dt. 27.04.79.
- b) Spacement:-  $4 \times 2\frac{1}{2}$  meter
- c) Species:- Neem, Shisham, Jamun/Jamoa 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:- Checking of Plantation work will be Done by RFO, DFO, CF & DCF (M&E)
- h) Any Other information:- Nil.

Place:- Panipat  
Date:- 27-10-2021

  
Divisional Forest Officer,  
Panipat  
Panipat