Full Title of the Project: Diversion of 0.21 ha. forest land for providing and laying of IIDPE pipe line

from Kaluwas STP to Nasiyaji STP alongwith Strip Forest Division Dist.

Rewari.

File No.

FP/HR/Other/26504/2017

Date of Proposal:

11-09-2017

CHECK LIST SERIAL NUMBER: -18 "SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the forest/reach to be diverted for laying of HDPE pipe line from Kaluwas STP to Nasiyaji STP in Rewari.

Forest Area = 0.21 ha.

Details of degraded	forest land / non-fores	st land:-
Division : Rewari	District Rewari	Range: Rewari Tehsil: Rewari
Village Maseet	CA Site Name:	Maseet Section 4 & 5 of PLPA 1900 (432 plants)

GPS: N28 17'30.3426" E76 25'54.033" N28 28 17'6.6042 E76 25'45.8084

Description of Area:-

i-	Whether the si	te selected	for Compensatory	Afforestation	is a land	bank or
	Not	No				

- ii. If the CA site is other than the land bank, reasons be given :- Plantation will be carried out in Maseet Section 4 & 5 of PLPA 1900.
- In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- CA will be carried out in Maseet Section 4 & 5 of PLPA 1900.
- iv. Soil type:- Sandy Loam

 v. Topography:- A. Hilly/ Undulating/Plain

 B. Slope:- Steep/Medium/Gentle

 Whether the area is bearing any root stock of vegetation:- No

2- Planatation Model :-

Copy of the approved Compensatory Afforestation Scheme/ Model showing component wise physical financial break up to be enclosed.

Strip Plantation of Tall Plants.

3 Schedule of Plantation Programme:-

Detail of year wise break up of requirement of funds is as under:

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> The Plantation cost is calculated for Plantation as per Tall Plants. at 4m X 21/2m spacing and it is approved by the PCC Haryana letter no. 6693-6713 dt. 15-02-2016 at the wage rate of Rs. 318.46/- per day as under:-

Sr.No	Year	Rate Per Plant		
1	1st Year Plantation	244/- Per Plant		
2	lind Year Plantation	83/- Per Plant		
3	IIIrdYear Plantation	33/- Per Plant		
4	Ivth Year Plantation	25/- Per Plant		
5	Vth Year Plantation	26/- Per Plant		
6	Vith Year Plantation	15/- Per Plant		
7	VIIth Year Plantation	09/- Per Plant		
8	VIIIth Year Plantation	09/- Per Plant		
()	1xth Year Plantation	10/- Per Plant		
10	Xth Year Plantation	11/- Per Plant		
	Total	Rs. 465/-		

0.21 Area to be diverted Area to be planted (two time diverted area= 0.42 24 No. of tree to be felled= No. of plants to be damaged= 6 420 No. of plants to be planted.

The cost norms @ wage rate of Rs. 318.46/- will be as under:-

Sr.N	DESCRIPTION Net present Value of forest land to be diverted		Rate Per Plant	Amount
A.			8.87 lac/ha.	186270
В	Compernsatory afforestation charges	No. of Plants		
	1 Ist Year cost of afforestation	4.20	244/- Per Plant	102480
	2 Ilnd year maintenance	420	83/- Per Plant	34860
	3 IIIrd year maintenance	420	33/- Per Plant	13860
	4 IVth year maintenance	4.20	25/- Per Plant	10500
	5 Vth year maintenance	420	26/- Per Plant	10920
	6 VIth Year maintenance	420	15/- Per Plant	6300

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	7 VIIth Year maintenance	420	09/- Per Plant	3780
	8 VIIIth Year Plantation	420	09/- Per Plant	3780
	9 IXth Year Plantation	420	10/- Per Plant	4200
	10 Xth Year Plantation	420	11/- Per Plant	4620
		1.68	Rs. 160000/- per	269900
	6 Barbed wire fencing charge	RKM	RKM	268800
	Total CA charges (1 to 6)			464100
	Supervisory/ overhead/misc. charges	10 % on the total CA charges.		46410
11	Total (A+B) to be deposit in CAMPA fi	696780		
C	Additional Compernsatory affo	restatio	n charges	
	1 lst Year cost of afforestation	12	244/- Per Plant	2928
- ster	2 Hnd year maintenance	12	83/- Per Plant	996
	3 Ilird year maintenance	12	33/- Per Plant	396
	4 IVth year maintenance	12	25/- Per Plant	300
	5 Vth year maintenance	12	26/- Per Plant	312
	6 VIth Year maintenance	12	15/- Per Plant	180
	7 VIIth Year maintenance	12	09/- Per Plant	108
	8 VIIIth Year Plantation	12	09/- Per Plant	108
	9 IXth Year Plantation	12	10/- Per Plant	120
	10 Xth Year Plantation	12	11/- Per Plant	132
	6 Barbed wire fencing charge	had wire fencing charge	Rs. 160000/- per	7680
	Total (C) Addl. CA charges (1 to 6)	RKM	RKM	13260
D	1 Felling charges volume 3.60 m3		Rs. 1200/- per cum	4320
D	plantation damage charges		Rs. 600/- per plants	(
E.			its, oddy per pressu	4320
*******	Total (D+E)			714360
F	G. Total (A+B+C+D+E) Exigency Charges 3% of the Total		3% on the total CA	2143
F	Cost of (A+B+C+D+E)		070 011 0110 00131 011	73579
	G. Total (A+B+C+D+E+F)			73377

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Technical details: -

Technical details of Compensatory Afforestation Scheme are as follows: -

- (a). General Details: Compensatory afforestation will be carried out along with Mascet Section 4 & 5 of PLPA 1900 in Rewari District.
- (b) Spacement: 4m x 4m
- (c) Species:- Neem, papri, Shisham etc.
- (d) Plantation Method: Tall Plantation.
- (e) Soil and Moisture Conservation works:- Watering Hoeing and weeding, mulching
- (f) Protection (Fencing, Watch man, People's Participation etc.):- Fencing.
- (g) Proposed Monitorng Mechanism:- Inspection by Officers.

(h) Any other information:- None

Diyleignali Torost Officer Revesi-Feorest Division

Rewari