Full Title of the Project: Diversion of 0.94 ha forest land for laying of water supply pipe line of

proposed water works Raghunathpura for group of 25 Nos Villages and 3 No.s

Dhani tehsil Bawal alongwith strip forest area under forest division

anddistrict Rewari.

File No.

FP/HR/Water/36955/2018

Date of Proposal:

16-12-2018

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

Name of the forest/reach to be diverted for laying of of proposed water works Raghunathpura for group of 25 Nos Villages and 3 Nos Dhanis in Rewari.

Forest Area = 0.94 ha.

Details of	degraded	forest land	/ non-forest	land:-

Division: Rewari District Rewari Range: Rewari * Tehsil: Rewari Village Maseet CA Site Name: Maseet Section 4 & 5 of PLPA 1900 (2426 plants) GPS: N28 17'30.3426" E76 25'54.033" N28 28 17'6.6042 E7625'45.8084 Description of Area:i-Whether the site 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. iii. 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. Soil type:- Sandy Loam iv. A. v. Topography:-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:-

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

The Plantation cost is calculated for Plantation as per Tall Plants. at 4m X 2½m spacing and it is approved by the PCCF Haryana Panchkula at the wage rate of Rs. 326.82/- per day as under:-

Sr.No	Year	Rate Per Plant	
1	Ist Year Plantation	359.10/- Per Plant	
2	IInd Year Plantation	115.35/- Per Plant	
3	IIIrdYear Plantation	41.89/- Per Plant	
4	Ivth Year Plantation	15.58/- Per Plant	
5	Vth Year Plantation	15.58/- Per Plant	
6	Vith Year Plantation	15.58/- Per Plant	
7	VIIth Year Plantation	15.58/- Per Plant	
8	VIIIth Year Plantation	15.58/- Per Plant	
9	Ixth Year Plantation 15.58		
10	Xth Year Plantation	15.58/- Per Plant	
10	Total	Rs. 625.40/-	

0.94 Area to be diverted Area to be planted (two time diverted area= 1.88 No. of tree to be felled= 273 No. of plants to be damaged= 2426 No. of plants to be planted

The cost norms @ wage rate of Rs. 326.82/- will be as under:-

Sr.No	DESCRIPTION Net present Value of forest land to be diverted		Rate Per Plant 8.87 lac/ha.	Amount 833780
A.				
В	Compernsatory afforestation charges	No. of Plants		
	1 Ist Year cost of afforestation	1880	359.10/- Per Plant	675108
	2 IInd year maintenance	1880	115.35/- Per Plant	216858
	3 IIIrd year maintenance	1880	41.89/- Per Plant	78753.2
	4 IVth year maintenance	1880	15.58/- Per Plant	29290.4
	5 Vth year maintenance	1880	15.58/- Per Plant	29290.4
	6 VIth Year maintenance	1880	15.58/- Per Plant	29290.4

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Date of Proposal:

	7 VIIth Year maintenance	1880	15.58/- Per Plant	29290.4	
	8 VIIIth Year Plantation	1880	15.58/- Per Plant	29290.4	
	9 IXth Year Plantation	1880	15.58/- Per Plant	29290.4	
	10 Xth Year Plantation	1880	15.58/- Per Plant	29290.4	
	6 Daybad wine fancing shangs	7.52	Rs. 76700/- per RKM	576784	
	6 Barbed wire fencing charge	RKM			
	Total CA charges (1 to 6)			1752536	
	Supervisory/ overhead/misc. charges 10 % on the total CA charges.		175254		
	Total (B) to be deposit in CAMPA fund	1927790			
С	Additional Compernsatory afforestation charges				
	1 Ist Year cost of afforestation	546	359.10/- Per Plant	196068.6	
	2 IInd year maintenance	546	115.35/- Per Plant	62981.1	
	3 IIIrd year maintenance	546	41.89/- Per Plant	22871.94	
	4 IVth year maintenance	546	15.58/- Per Plant	8506.68	
	5 Vth year maintenance	546	15.58/- Per Plant	8506.68	
	6 VIth Year maintenance	546	15.58/- Per Plant	8506.68	
	7 VIIth Year maintenance	546	15.58/- Per Plant	8506.68	
	8 VIIIth Year Plantation	546	15.58/- Per Plant	8506.68	
	9 IXth Year Plantation	546	15.58/- Per Plant	8506.68	
	10 Xth Year Plantation	546	15.58/- Per Plant	8506.68	
	C Dark ad units for sing shares	2.18	D- 76700 / DVM	167512.8	
	6 Barbed wire fencing charge	RKM	Rs. 76700/- per RKM		
	Total (C) Addl. CA charges (1 to 6)			508981.2	
D	1 Felling charges volume 2.52 m3		Rs. 1200/- per cum	5400	
E.	plantation damage charges		Rs. 600/- per plants	0	
	Total (D+E)			5400	
	G. Total (A+B+C+D+E)			3275951.2	
F	Exigency Charges 30% of the Total CA		30% on the total CA	578337	
	G. Total (A+B+C+D+E+F)			3854288.2	



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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 Maseet Section 4 & 5 of PLPA 1900 in Rewari District.
- (b) Spacement: -4m x 4m
- (c) Species:-Neem, bakain, Pahari Papri, Cassia fistula, Cordia myxa, zyzyphs, mauritiana, Albizia lebbeck, Albizia procera, Bauhina recemosa, Ficus glomerata, Ficus religiosa, Kigelia pinnata, Moringa oleifera, Syzgium cumini, Tamarindus indica, Tamarix articulate, Terminalia arjuna, Terminalia belarica, Jungle Jalebi, Morus Alba etc.
- (d) Plantation Method:, Tall Plantation.
- Soil and Moisture Conservation works:- Watering Hoeing and weeding, mulching (e)
- Protection (Fencing, Watch man, People's Participation etc.):-(f) Fencing.
- Proposed Monitorng Mechanism:- Inspection by Officers. (g)
- (h) Any other information:-None