

Full Title of the Project: Diversion of 0.2606 ha of forest land for laying of water pipeline 500mm/d M.S. Pipes through protected forest Bir Ghaggar under forest division Morni Pinjore Distt Panchkula (Haryana)

File No. : FP/HR/Water/13953/2015

Date of Proposal: 15-07-2015

PART – II


(To be filled by the concerned Deputy Conservator of Forests)

7.	Location of the project / Scheme :	Diversion of 0.2606 ha of forest land for laying of water pipeline 500mm/d M.S. Pipes through protected forest Bir Ghaggar under forest division Morni Pinjore Distt Panchkula (Haryana)
(i)	State / Union Territory	Haryana State
(ii)	District	Panchkula
(iii)	Forest Division	Morni Pinjore Forest Division
(iv)	Area of forest land proposed for diversion (in ha.)	0.2606 Ha
(v)	Legal status of Forest	Protected Forest
(vi)	Density of vegetation (Cum)	0.3
(vii)	Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be.)	No Govt tree will be cut.
(viii)	Brief note on vulnerability of the area to erosion	No erosion
(ix)	Approximate distance of proposed site for diversion from boundary of forest.	The Proposed site for diversion is with in Forest.
(x)	Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).	No
(xi)	Whether any rare/ endangered / unique species of flora and fauna found in the area – if so details thereof.	No
(xii)	Whether any protected archaeological / heritage site / defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No
8.	Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	Yes
9.	Whether any work in violation of the Act has been carried out (Yes/No). If Yes, details of the same including period of work have done, action taken on erring officials. Whether work in violation is still in progress.	No

10.	Details of compensatory Afforestation Scheme	
(i)	Details of non forest area / degraded forest area identified for compensatory Afforestation, its distance from adjoining forest, number of patches, size of each path.	Attached Check List No 17
(ii)	Map showing non-forest / degraded forest area identified for compensatory Afforestation and adjoining forest boundaries.	Attached (Check List No. 17)
(iii)	Detailed compensatory Afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Attached (Check List No. 18)
(iv)	Total financial outlay for compensatory Afforestation scheme	Attached (Check List No. 18)
(v)	Certificates from competent authority regarding suitability of area identified for compensatory Afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	Attached (Check List No. 19)
11.	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Attached (Check List No. 16)
12.	Division / District profile :	
(i)	Geographical area of the district	81615 HA
(ii)	Forest area of the district	38208 HA
(iii)	Total forest area diverted since 1980 with number of cases	488.1898 Ha (upto August 26, 2015)
(iv)	Total compensatory Afforestation stipulated in the district/division since 1980 on. a) Forest land including penal compensatory Afforestation b) Non-Forest land	294.5944 Hectares ---
v)	Progress of compensatory Afforestation as on (date) a) forest land b) Non-forest land	101.317 Ha 50 Ha
13.	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	Recommended proposal is accepted.

Dated: - 26/8/15.

Place: - Pinjore, Distt - Panchkula


Divisional Forest Officer
Morni Pinjore Forest Divn
PINJORE

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CHECK LIST SERIAL NUMBER: - 16

SITE INSPECTION REPORT


(For the Forest land to be diverted under FCA)

A proposal has been received by this office from Executive Engineer, Vigilance, HUDA (HQ) Panchkula. The project envisages the use of forest land for **Diversion of 0.2606 ha of forest land for laying of water pipeline 500mm/d M.S. Pipes through protected forest Bir Ghaggar under forest division Morni Pinjore Distt Panchkula (Haryana).**

- 1- The site inspection of the land involved in the proposal has been done by me on date **29-08-2015**
2. On inspection of the site, it is found that the land required by the user agency is a **Protected Forest** measuring **0.2606 Ha**
3. The requirement of forest land as proposed by the User agency in Col. 2 of part-I is unavoidable and is barest minimum required for the project. **Barest minimum**
4. Whether any rare/endangered/unique species of flora and fauna are found in the area. If so the details thereof. **No**
5. Whether any protected archaeological/heritage site/deface establishment or any other important monument is located in the area. If so, the details thereof with NOC form the competent authority. **No**
6. (a) **The user agency has not violated the provisions of Forest (Conservation) Act, 1980 and no work has been started without proper sanction.**
- (b) It has been found that the user agency has violated the Forest (Conservation) Act, 1980 Indian Forest Act, 1927/any other forest Act.
The proposal is accepted because it is benefited in favour of Public.

Dated: - 26/8/15

Place: - Pinjore Distt Panchkula


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LOCATION MAP

Location Map of Degraded Forest Area identified for Compensatory Afforestation in lieu of proposal for **Diversion of 0.2606 ha** of forest land for laying of water pipeline 500mm/d M.S. Pipes through protected forest Bir Ghaggar under forest division Morni Pinjore Distt Panchkula (Haryana) Limited under forest division Morni Pinjore, District Panchkula

Plantation Site

Tehsil: -Panchkula

District: - Panchkula

Forest Division:-Morni Pinjore

Forest Range: - Panchkula

Block No. /Compt No. /Survey No.: H43K14

Plantation Site: Chowki Beat R 70 C 2


Reading: 30°42'47.06"N 76°53'37.34"E

Area to be afforested:- 0.2606 Ha x 2 = 0.5212 Ha

Map attached for Compensatory Afforestation

Date:- 26/8/15

Place:-Pinjore Distt Panchkula


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CHECK LIST SERIAL NUMBER: - 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for Compensatory Afforestation in lieu of Diversion of 0.2606 ha of forest land for laying of water pipeline 500mm/d M.S. Pipes through protected forest Bir Ghaggar under forest division Morni Pinjore Distt Panchkula (Haryana)

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

District: -Panchkula

Tehsil: Panchkula

Forest Division: -Morni Pinjore Territorial Division Pinjore

Range: Panchkula

Block/Compt/Survey No.: - R 71 C 2

Area to be Afforested:- 0.2606 x 2 Ha = 0.5212

GPS Reading : 30°42'47.06"N 76°53'37.34"E

2. Description of the Area:-

- Whether the site selected for Compensatory Afforestation is a land bank (Yes or No):- **the site selected for Compensatory Afforestation is not a land bank.**
- If the CA site is other than the land bank, reasons are given:-**There is no land bank in District Panchkula. Plantation will be carried out.**
- In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - **With in Forest**
- d) Soil type: - **Arid brown soil with texture varies from sandy loam to clay.**
 - Topography:-
 - a. Hilly/Undulating/Plain **Undulating**
 - b. Slope: - Steep/Medium/Gentle **Gentle**
 - f) Whether the area is bearing any root stock of vegetation:- **No**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under:

4. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The Plantation is calculated for **Tall Plants** norms at **4m X 4m** spacing and it is approved by the PCCF, Haryana's letter No. Misc-45/4495-4556 dated 25-03-2014 and at the wages rate of Rs.213.35/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	
2	2 nd Year Maintenance	139/-
3	3 rd Year Maintenance	48/-
4	4 th Year Maintenance	21/-
5	5 th Year Maintenance	15/-
6	6 th Year Maintenance	15/-
7	7 th Year Maintenance	12/-
8	8 th Year Maintenance	12/-
9	9 th Year Maintenance	12/-
10	10 th Year Maintenance	12/-
	Total Cost.	298/-

Area to be diverted (In Ha) :	0.2606		
Area to be planted (Half, one Two, Ten time) (Ina Ha) :-	0.5212		
No of trees to be felled :-	0	1000 Plants per Ha	
No of plants to be damaged :-	0	x 2.00 =	0
No of Plants to be planted @1000 Plants Per Ha		521.2	521.2
		Or Say	521.20
		Minimum Plants	521

Sr.No.	Description	No of Plants	Rate	Total Amount (Rs-P)
A	Net present value of forest land to be diverted	0.2606	Rs 8.87 Lacs Per Ha (Below than 2 Ha)	231152.20
	Compensatory Afforestation Charges			
	1) 1st Year cost of afforestation	521	Rs 139/- Per Plant	72419
	2) 2nd Year Maintenance	521	Rs 48/- Per Plants	25008
	3) 3rd Year Maintenance	521	Rs 21/- Per Plants	10941
	4) 4th Year Maintenance	521	Rs 15/- Per Plants	7815
	5) 5th Year Maintenance	521	Rs 15/- Per Plants	7815
	6) 6th Year Maintenance	521	Rs 12/- Per Plants	6252
	7) 7th Year Maintenance	521	Rs 12/- Per Plants	6252
	8) 8th Year Maintenance	521	Rs 12/- Per Plants	6252
	9) 9th Year Maintenance	521	Rs 12/- Per Plants	6252
	10) 10th Year Maintenance	521	Rs 12/- Per Plants	6252
	11) Barbed wire fencing charges	2.08 RKM	Rs 65000/- Per RKM	135460.00
	Total Charges (B Above)			290718.00
C	Supervisory / Overhead / Misc Charges		10% on CA Total	29071.80
	Total C.A. Charges (B+C)			319789.80
D	Felling Charges for Tree =		Rs 720/- Per M3	0
E	Plantation damage charges for Plant=		Rs 200/- Per Plant	0
F	Any Other charges (If necessary)			0
Grand Total (A+B+C+D+E+F) to be deposited in CAMPA Fund				550942.00
				Or Say 550942
Rs.Five lac fifty thousand nine hundred & forty two only.				
2 Technical Details:				

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Detail : Plantation will be done with 2 strand barbed wire in reserved / Protected forest
- Spacement : 4x4 Meter
- Species :- Khair, Jamun, Papri etc
- Plantation Method: Tall Plantation
- Soil and Moisture Conservator Works : Nil
- Protection (Fencing, Watch man, People Participation etc) : Fencing
- Proposed Monitoring Mechanism (M&E)
- Any other information : Nil

Note: CF(T) should countersign this CA Scheme if area to be afforested is more than 5 hectare.


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