

File No. :
Date of Proposal:

pipeline from Kaushalya Dam to WTP Sector 32, Panchkula through forest land at Khasra No 23 of Village Beer Ghaggar.
FP/HR/WATER/10498/2015
24/03/2015

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

Detail scheme for Compensatory Afforestation in lieu of Diversion of 0.1364 Ha of forest land for Water Supply pipeline from Kaushalya Dam to WTP Sector 32, Panchkula through forest land at Khasra No 23 of Village Beer Ghaggar.

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

District: -Panchkula Tehsil: Panchkula
Forest Division: -Morni Pinjore Territorial Division Pinjore Range: Panchkula
Block/Comp/Survey No.:- R 70 C 3
Area to be Afforested:- 0.2728 Ha
GPS Reading : 30°43'28.79"N 76°54'34.86"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
- 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
- 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	139/-
2	2 nd Year Maintenance	48/-
3	3 rd Year Maintenance	21/-
4	4 th Year Maintenance	15/-
5	5 th Year Maintenance	15/-
6	6 th Year Maintenance	12/-
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) : 0.1364
Area to be planted (one Two, Ten time) (Ina Ha) :- 0.2728
No of trees to be felled :- 0
No of plants to be damaged :- 0.1364
No of Plants to be planted @1000 Plants Per Ha
1000 Plants per Ha x 2.00 = 0.2728
272.8
Or Say 273
Minimum Plants 273

Sr.No.	Description	No of Plants	Rate	Total Amount (Rs-P)
A	Net present value of forest land to be diverted	0.1364	Rs 8.87 Lacs Per Ha (Below than 2 Ha)	120986.80
	Compensatory Afforestation Charges			
	1) 1st Year cost of afforestation	273	Rs 139/- Per Plant	37947
	2) 2nd Year Maintenance	273	Rs 48/- Per Plants	13104
	3) 3rd Year Maintenance	273	Rs 21/- Per Plants	5733
	4) 4th Year Maintenance	273	Rs 15/- Per Plants	4095
	5) 5th Year Maintenance	273	Rs 15/- Per Plants	4095
	6) 6th Year Maintenance	273	Rs 12/- Per Plants	3276
	7) 7th Year Maintenance	273	Rs 12/- Per Plants	3276
	8) 8th Year Maintenance	273	Rs 12/- Per Plants	3276
	9) 9th Year Maintenance	273	Rs 12/- Per Plants	3276
	10) 10th Year Maintenance	273	Rs 12/- Per Plants	3276
	11) Barbed wire fencing charges	1.09	Rs 65000/- Per RKM	70980.00
		RKM		
	Total Charges (B Above)			152334.00
C	Supervisory / Overhead / Misc Charges		10% on CA Total	15233.40
	Total C.A. Charges (B+C)			167567.40
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			288554.20
			Or Say	288554
				Rs. Two lac eighty eight thousand five hundred & fifty four 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 :- Beri, Khair, Bans 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.

Amul