

Full Title of the Project: Diversion of 0.3016 hac. forest land in favour of Executive Engineer, Municipal Corporation, Hisar for laying of 150mm dia pipeline from existing pipeline of Boosting Station Vikas Nagar for Housing Board Colony to Bhagat Singh Colony along the LHS of Hisar - Sirsa Highway NH-9, under forest- Division & Distt. Hisar Haryana.

FP/HR/Approach/40648/2019

Date of Proposal: 12/06/2019

CHECK LIST SERIAL NUMBER:- 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted		Full Title of the Project: Diversion of 0.3016 hac. forest land in favour of Executive Engineer, Municipal Corporation, Hisar for laying of 150mm dia pipeline from existing pipeline of Boosting Station Vikas Nagar for Housing Board Colony to Bhagat Singh Colony along the LHS of Hisar - Sirsa Highway NH-9, under forest- Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		0.3016			
Details of de-graded forest land/non forest land where CA is to be carried out :		CA site - Khokha Minor RD 0 to 10 L/Side A. Hilly/Undulating/Plain.			
Division / District:	Hisar	Range	Hisar	Village.	Hisar
2).	Description of Area :				
i	Whether the site selected for Compensatory Afforestation is a land bank or not				Yes
ii	If the C.A site is other than the land bank, reasons be given				N.A
iii	In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary				N.A
iv	Soil Type		Sandy Loam		
v	Topography :		a. Hilly/Undulating/Plain.		Undulating
			b. Slope:-Steep/Medium/Gentle.		
vi	Whether the area is bearing any root stock of vegetation				No

3 Plantation of Model:-

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

Detail of year wise breakup of requirement of funds is as under :-

The plantation cost is calculated for tall plants norms at Plant to Plant spacing and it is approved by the PCCF, Haryana's letter no. CAMPA/118 dated 01-06-2020 at the wage rate of Rs. 363.77/- per day as under :-

Year	Plant per Year
1 st Year cost of afforestation	419.00
2 nd Year maintenance	92
3 rd Year maintenance	55
4 th Year maintenance	21
5 th Year maintenance	21
6 th Year maintenance	21
7 th Year maintenance	21
8 th Year maintenance	21
9 th Year maintenance	21
10 th Year maintenance	21
Total	713.00

Area to be Diverted =	0.3016
No. of trees to be felled-	12
Plants to be damaged =	362
Plants to be planted =	603
Area to be Planted (@ 1000 plant per ha.) =	0.60
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = 724	

S.No	DESCRIPTION		RATE Rs Per Plant	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	603	419.00	252657
	(2) 2 nd Year maintenance		92	55476
	(3) 3 rd Year maintenance		55	33165
	(4) 4 th Year maintenance		21	12663
	(5) 5 th Year maintenance		21	12663
	(6) 6 th Year maintenance		21	12663
	(7) 7 th Year maintenance		21	12663
	(8) 8 th Year maintenance		21	12663
	(9) 9 th Year maintenance		21	12663
	(10) 10 th Year maintenance		21	12663
	(11) Barbed Wire Fencing charges = RKM	2.41	Rs. 200000/- Per RKM	482400
	Total Charges			912339
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	91234
	Total (A) C.A. Charges			1003573
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	724	419.00	303356.00
	(2) 2 nd Year maintenance		92	66608.00
	(3) 3 rd Year maintenance		55	39820.00
	(4) 4 th Year maintenance		21	15204.00
	(5) 5 th Year maintenance		21	15204.00
	(6) 6 th Year maintenance		21	15204.00
	(7) 7 th Year maintenance		21	15204.00
	(8) 8 th Year maintenance		21	15204.00
	(9) 9 th Year maintenance		21	15204.00
	(10) 10 th Year maintenance		21	15204.00
	(11) Barbed Wire Fencing charges = RKM	2.90	Rs. 200000/- Per RKM	579200
	Total (B) Addl. C.A. Charges			1095412
V	Catchment Area Treatment (if required)			
	Soil and Moisture Conservation charges		30% of the Total CA	629695
D	Safety Zone (if required)			
	Additional Charges (if required)	Qty	Rate	
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- ha.	267519
G	Felling charges = Vol m ³	1.44	Rs. 1200/- Per m ³	1728
			Total	2997928
H	Exigency Charges 3% of the total cost of Total CA Scheme			89938
			G.Total	3087865

3	Technical Details :-			
	Technical Details of Compensatory Afforestation Scheme are as follows :-			
a	General Details			Plantation will be done with 3 standard Barbed fencing in RF/PF.
b	Spacement.			Plant to Plant
c	Species.			Neem, Bakain, Shisham, Siris, Jamun, Papri, Arjun, Lassora, Tut, Imli, Awla etc.
d	Plantation Method.			Tall Plantation
e	Soil and Moisture Conservation Works.			
f	Protection (Fencing, watchman, Peoples Participation etc).			Fencing
g	Proposed Monitoring Mechanisim.			M&E
h	Any Other Information			No

Place: Hisar
Dated : 27-07-2021

Divisional Forest Officer
Hisar
Hisar Forest Division
HISAR

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