

Full Title of the Project: Diversion of 0.1923 ha. of forest land in favour of Sub Divisional Engineer, Public Health Engg., Sub Divn. No. 4, Hansi for permission of laying 400mm o/d SWP Pipe for Sewer Line, on along Siwani Branch Canal from R/way Colony Road to Bhiwani Road, Hansi Town, under forest- Division & Distt. Hisar Haryana.

HR/Other/119096/2021

Date of Proposal: 09/01/2021

CHECK LIST SERIAL NUMBER:- 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted		Full Title of the Project: Diversion of 0.1923 ha. of forest land in favour of Sub Divisional Engineer, Public Health Engg., Sub Divn. No. 4, Hansi for permission of laying 400mm o/d SWP Pipe for Sewer Line, on along Siwani Branch Canal from R/way Colony Road to Bhiwani Road, Hansi Town, under forest- Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		0.1923			
Details of de-graded forest land/non forest land where CA is to be carried out :		CA site :- Abandoned Mali Minor A. Hilly/Undulating/Plain.			
Division / District:	Hisar	Range	Hansi	Village.	Hansi
2).	Description of Area :				
i	Whether the site selected for Compensatory Afforestation is a land bank or not				
ii	If the C.A site is other than the land bank, reasons be given				
iii	In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary				
iv	Soil Type		Sandy Loam		
v	Topography :		a. Hilly/Undulating/Plain.	Undulating	
v			b. Slope:-Steep/Medium/Gentle.		
vi	Whether the area is bearing any root stock of vegetation				

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/232 dated 11-06-2021 at a spacing of 4 x 4 on the wage rate of Rs. 363.77/- per day as under :-

Year	Plant per Year
1 st Year cost of afforestation	315.33
2 nd Year maintenance	86.90
3 rd Year maintenance	54.09
4 th Year maintenance	10.05
5 th Year maintenance	10.05
6 th Year maintenance	10.05
7 th Year maintenance	10.05
8 th Year maintenance	10.05
9 th Year maintenance	10.05
10 th Year maintenance	10.05
Total	526.67

be Diverted =	0.1923
trees to be felled-	0
s to be damaged=	0
nts to be planted =	385
rea to be Planted (@ 1000 plant per ha.) =	0.39
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=	0

S.No	DESCRIPTION	RATE Rs Per Plant	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants	
	(1) 1 st Year cost of afforestation	385	315.33 121402
	(2) 2 nd Year maintenance		86.90 33457
	(3) 3 rd Year maintenance		54.09 20825
	(4) 4 th Year maintenance		10.05 3869
	(5) 5 th Year maintenance		10.05 3869
	(6) 6 th Year maintenance		10.05 3869
	(7) 7 th Year maintenance		10.05 3869
	(8) 8 th Year maintenance		10.05 3869
	(9) 9 th Year maintenance		10.05 3869
	(10) 10 th Year maintenance		10.05 3869
	(11) Barbed Wire Fencing charges= RKM	1.54	Rs. 200000/- Per RKM 308000
	Total Charges		510767
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges	51077
	Total (A) C.A. Charges		561844

B	Additional Compensatory Afforestation Charges		
	(1) 1 st Year cost of afforestation	0	315.33 0.00
	(2) 2 nd Year maintenance		86.90 0.00
	(3) 3 rd Year maintenance		54.09 0.00
	(4) 4 th Year maintenance		10.05 0.00
	(5) 5 th Year maintenance		10.05 0.00
	(6) 6 th Year maintenance		10.05 0.00
	(7) 7 th Year maintenance		10.05 0.00
	(8) 8 th Year maintenance		10.05 0.00
	(9) 9 th Year maintenance		10.05 0.00
	(10) 10 th Year maintenance		10.05 0.00
	(11) Barbed Wire Fencing charges= RKM	0.00	Rs. 200000/- Per RKM 0
	Total (B) Addl. C.A. Charges		0

C	Catchment Area Treatment (if required)		
	Soil and Moisture Conservation charges	30% of the Total CA	168553

D	Safety Zone (if required)		
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	Additional Charges (if required)	Qty	Rate	
	Gypsum Application +Green manuring to reclaim soil+Casualty replacement+construction of sub surface drainage as per need	0.39 ha treatment	60000(AS per guideline of Min of Agri(GOI)	23,400
	Survey & Demarcation with DGPS		200000/-	2,00,000
	Plantation protection sign board and Display Forest Department Management and Awareness	LS	85000	85000
			Total	3,08,400

Net Present Value of Forest Land to be diverted	0.1923 Ha.	Rs. 887000/- ha.	170570
Violation for Forest Land 225 days (06-01-2021 to 19-08-2021)			36637
Felling charges = Vol m ³	0	Rs. 1200/- Per m3	0
		Total	1246004
H	Exigency Charges 3% of the total cost of Total CA Scheme		37380
		G.Total	1283384
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 (4x4)
c	Species.		Neem, Bakain, Shisham, Siris, Jamun, Papri, Arjun, Lassora, Tut, Imla, Awla etc.
d	Plantation Method.		Tall Plantation
e	Soil and Moisture Conservation Works.		
f	Protection (Fencing, watchman, Peoples Participation etc).		Fencing
g	Proposed Monitoring Mechanism.		M&E
h	Any Other Information		No

Place: Hisar
 Dated : 23-11-2021

Divisional Forest Officer
 Hisar.

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