

FP/HR/CANAL/152229/2022

Date of Proposal: 11/02/2022

C.A. Scheme

Detailed scheme for Compensatory Afforestation to be carried out in lieu of

17.79

Full Title of the Project: Diversion of 17.79 ha. of forest land in favour of Executive Engineer, Adampur W/S Division Hisar for construction of Nuclear Power Plant at Village Gorakhpur, Tehsil & District Fatehabad on old abandoned Sirsa Branch from RD 388500 to 424780 falling under forest- Division & Distt. Hisar Haryana.

Details of de-graded forest land/non forest land where CA is to be carried out :			CA site :- R.B Railway Line RD 165 to 184 L&R		
Division :	Hisar	District	Hisar	Village.	Aampur
2).	Description of Area :				
i	Whether the site selected for Compensatory Afforestation is a Land Bank (Yes or No)				NO
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.		
			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 :-

As per PCCF (HoFF) Har, Pkl. Letter No FCA/396 dated 15.05.2023, Norms of tall plants under CA demand in FCA diversion proposals at as wage rate of Rs. 405.11/-per day (in Plain Areas) Cost Norms @1000 plants per Ha. (400 TP & 600 15 X 22 Poly pot plants)

Area to be Diverted	17.79	
Area to be planted under Normal C.A.	Two times of Area to be Diverted	34580 plants
Nos of trees to be felled	5389	Nos.
Nos of Plants to be damaged	0	Nos. Plants
Nos of Plants to be planted	35580	Plants
Area to be planted @1000 Plant per hac.	35.58	

1 **Schedule of Plantation Programme :-**

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

Bill

Sr. No.	Description	Rate		Total Amount
		Nos of Plants	Rate Per plant	
A	Compensatory Afforestation Charges	35580	192.87	6862315
i	1st Year Cost of Afforestation	35580	77.48	2756738
ii	2nd Year Maintenance	35580	36.60	1302228
iii	3rd Year Maintenance	35580	12.83	456491
iv	4th Year Maintenance	35580	12.83	456491
v	5th Year Maintenance	35580	12.83	456491
vi	6th Year Maintenance	35580	12.83	456491
vii	7th Year Maintenance	35580	12.83	456491
viii	8th Year Maintenance	35580	12.83	456491
ix	9th Year Maintenance	35580	12.83	456491
x	10th Year Maintenance	35580	12.83	456491
			Total	14116721
			Total (A) C.A. Charges	14116721

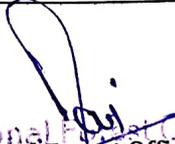
Additional Compensatory Afforestation Charges

	1st Year Cost of Afforestation	0	192.87	0
i	2nd Year Maintenance	0	77.48	0
ii	3rd Year Maintenance	0	36.60	0
iii	4th Year Maintenance	0	12.83	0
iv	5th Year Maintenance	0	12.83	0
v	6th Year Maintenance	0	12.83	0
vi	7th Year Maintenance	0	12.83	0
vii	8th Year Maintenance	0	12.83	0
viii	9th Year Maintenance	0	12.83	0
ix	10th Year Maintenance	0	12.83	0
x				
			Total	0
	Total (B) Addl. C.A. Charges			0
	Fencing/Miscellaneous/Overhead Charges/Supervisory (20% of CA Amount)		C.A. & Add. C.A. Charges	2823344
	Total (A) & (B)			16940065
				0
C	Penal C.A.			0
D	Catchment Area Treatment			0
	Total (C+D+E) Or Say Rs.			0
E	Safety Zone (if required)			0
F	Additional Charges (if required)	Qty.	Rate	0
G	Barbed Wire Damage Charges	0	0	0
H	Pillar Damage Charges	0	0	0
			Total (F+G)	0
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			16940065

Technical Details :-

2 Technical Details of Compensatory Afforestation Scheme are as follows :-

a	General Details	Plantation will be done As per Norms
b	Spacement.	4 x 4 mtr.
c	Species.	Shisham, Pipal, Neem, Bakain and etc.
d	Plantation Method.	Strip Plantation.
e	Soil and Moisture Conservation Works.	Hoeing, Weeding & Soil Work.
f	Protection (Fencing, watchman, Peoples Participation)	Fencing with Barbed Wire/Protection Watcher
g	Proposed Monitoring Mechanisim.	Inspection by officers.
h	Any Other Information	No any.


 Divisional Forest Officer,
 Hisar Forest Division
 HISAR

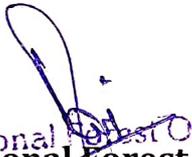
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NPV CALCULATION SHEET

	Description	Total Area	Rate	Total Amount (in Rs.)
A	Net Present Value of Forest Land to be Diverted	17.79	957780	17038906
Or Say Rs.				17038906
Diverted Land Detail				
1	Eco Class	III		
2	Canopy Density	Very Dense/Dense/Open		
Total NPV Payable Amount				17038906


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Felling Charge

	Description	Total Vol. In Cum	Rate	Total Amount (in Rs.)
A	Felling Charge	3667.73	1400	5134822
Or Say Rs.				5134822
Total Felling Charge Payable Amount				5134822


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