

Full Title of the Project: Diversion of Forest land for Four Lanning from Km. 3.335 to 3.675 and 4.575 to 6.875 (Bhiwani District) on Bhiwani-Mundhal-Jind-Karnal road New NH-709A in the State of Haryana.

File No. : FCA(FP/HR/ROAD/21790/2016)

Date of Proposal: - 25/10/2016

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CHECK LIST SERIAL NUMBER:- 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted			Diversion of Forest land for Four Lanning from Km. 3.335 to 3.675 and 4.575 to 6.875 (Bhiwani District) on Bhiwani-Mundhal-Jind-Karnal road New NH-709A in the State of Haryana.		
Forest Area (in Ha)			3.0096 Ha.		
Details of de-graded forest land/non forest land where CA is to be carried out :			(1) Lehlana-Asalwas-Chainpura Road Km. 0-8 L&R (2) Dhirana Minor RD 0-26 L&R		
Division / District:	Bhiwani	Range	Bhiwani	Village.	Bhiwani Range
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
v	Topography :		a. Hilly/Undulating/Plain.		
			b. Slope:-Steep/Medium/Gentle.		
vi	Whether the area is bearing any root stock of vegetation				No

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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 :-

Area to be Diverted	3.0096 Ha.
Area to be planted (one/two/ten times the diverted area)	Two time 6.0192
Nos of trees to be felled	614 Nos.
Nos of Plants to be damaged	400 Nos. plants
Nos of Plants to be planted @ 1000/- plants per Ha	6140 Plants

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Schedule of Plantation Programme :-

Village Dadri Range

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

Bill

Sr. No.	Description	Rate		Amount
A	Net Present Value of Forest Land	Per Ha	887000	2669515
B	Compensatory Afforestation Charges	Nos of Plants	Rate Per plant	
i	1st Year Cost of Afforestation	6140	172	1056080
ii	2nd Year Maintenance	6140	64	392960
iii	3rd Year Maintenance	6140	32	196480
iv	4th Year Maintenance	6140	25	153500
v	5th Year Maintenance	6140	26	159640
vi	6th Year Maintenance	6140	15	92100
vii	7th Year Maintenance	6140	8	49120
viii	8th Year Maintenance	6140	9	55260
IX	9th Year Maintenance	6140	10	61400
X	10th Year Maintenance	6140	11	67540
			Total	2284080
XI	Barbed wire fencing charge (RKM)	24.56	Rs. 76700/- per KM.	1883752
			Total	4167832

C	Supervisory / Over Head / Miscellaneous Charges			416783
			Total (A+B+C)	7254130

D	i) Felling Charges	285.12	1000	285120
E	ii) Plantation damage Charges	0	236	0
F	Any other Charges			
	Grand Total (A+B+C+D+E+F)			7539250
			Or Say	7539250

Sr. No.	Additional CA Scheme	Rate		Amount
G	Compensatory Afforestation Charges	Nos of Plants	Rate Per plant	
i	1st Year Cost of Afforestation	800	172	137600
ii	2nd Year Maintenance	800	64	51200
iii	3rd Year Maintenance	800	32	25600
iv	4th Year Maintenance	800	25	20000

v	5th Year Maintenance	800	26	20800
vi	6th Year Maintenance	800	15	12000
vii	7th Year Maintenance	800	8	6400
viii	8th Year Maintenance	800	9	7200
IX	9th Year Maintenance	800	10	8000
X	10th Year Maintenance	800	11	8800
			Total	297600
XI	Barbed wire fencing charge (RKM)	3.20	KM.	245440
			Total	543040
H	Supervisory / Over Head / Miscellaneous Charges			54304
			Total (I to H)	597344
			G.Total	8136594

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Technical Details :-

Technical Details of Compensatory Afforestation Scheme are as follows :-

a	General Details	Plantation will be done with 3 standard
b	Spacement.	4 x 2.5 mtr.
c	Species.	----
d	Plantation Method.	----
e	Soil and Moisture Conservation Works.	NIL
f	Protection (Fencing, watchman, Peoples	Fencing
g	Proposed Monitoring Mechanisim.	M&E
h	Any Other Information	No any.


 Divisional Forest Officer,
 Divisional Forest Officer,
 BHIWAN FOREST DIVISION
 BHIWAN