

Diversion of 0.023837 Ha. of Forest Land for Establishment of Retail Outlet (Petrol Pump) at Proposed location at Khasra No. 138//11/2 in village-Haroli on Ratia-Sardulgarh Road (MDR-101), Block-Nagpur, Distt.-Fatehabad under Forest Division and Distt.-Fatehabad.

CHECK LIST SERIAL NUMBER:- 18

C.A. Scheme

Detailed scheme for Compensatory Afforestation to be carried out in lieu of
ha., of forest area to be diverted for

0.023837

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Details of de-graded forest land/non forest land where CA is to be carried out :			Fatehabad Branch RD 160 to 161, L/R Side		
Division :	Fatehabad	District	Fatehabad	Village.	Kajal Heri

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.		
		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 4 mtr x 2.5 mtr spacing at the wage rate of Rs. 388.42/- per day as under :-

Area to be Diverted	0.023837	
Area to be planted	Two Times of the Area to be Diverted	0.047674
Nos of trees to be felled	10	Nos.
Nos of Plants to be damaged	20	Nos. Plants
Nos of Plants to be planted @ 250 plants per RKM	100	Plants

1 Schedule of Plantation Programme :-

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

Bill

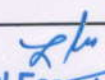
Sr. No.	Description	Rate		Total Amount
		Nos of Plants	Rate Per plant	
A	Compensatory Afforestation Charges			
i	1st Year Cost of Afforestation	100	336.70	33670.00
ii	2nd Year Maintenance	100	92.78	9278.00
iii	3rd Year Maintenance	100	57.76	5776.00
iv	4th Year Maintenance	100	10.73	1073.00
v	5th Year Maintenance	100	10.73	1073.00
vi	6th Year Maintenance	100	10.73	1073.00
vii	7th Year Maintenance	100	10.73	1073.00
viii	8th Year Maintenance	100	10.73	1073.00
ix	9th Year Maintenance	100	10.73	1073.00
x	10th Year Maintenance	100	10.73	1073.00
	Total Charges			56235.00
xi	Barbed wire fencing charge (RKM)	0.40	Rs. 200000/- per RKM	80000

	Total (Column No. F45+F46)			136235
	Supervisory / Over Head / Miscellaneous Charges		10% on the C.A. Charges	7872.90
	Or Say Rs.			7873
	Total (A) - C.A. Charges			144108
B	Additional Compensatory Afforestation Charges			
i	1st Year Cost of Afforestation	40	336.70	13468.00
ii	2nd Year Maintenance	40	92.78	3711.20
iii	3rd Year Maintenance	40	57.76	2310.40
iv	4th Year Maintenance	40	10.73	429.20
v	5th Year Maintenance	40	10.73	429.20
vi	6th Year Maintenance	40	10.73	429.20
vii	7th Year Maintenance	40	10.73	429.20
viii	8th Year Maintenance	40	10.73	429.20
ix	9th Year Maintenance	40	10.73	429.20
x	10th Year Maintenance	40	10.73	429.20
	Total Additional C.A. Charges			22494.00
xi	Barbed wire fencing charge (RKM)	0.16	Rs. 200000/- per RKM	32000
	Total (B) - Additional C.A. Charges			54494
C	Penal C.A.			0
D	Catchment Area Treatment			0
	Total (C+D)			0
E	Soil and Moisture Conservation Charges		30% of the Total C.A.	23618.70
	Total (E)			23619
F	Safety Zone (if required)			0
G	Additional Charges (if required)	Qty.	Rate	0
	Total (F+G)			0
H	Felling Charges (Vol. M3)	10.51	Rs.1400 /- per m ³	14714.00
Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund				236935

Technical Details :-

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

a	General Details	Plantation will be done with 6 standard barbed wire in RF/PF.
b	Spacement.	4 x 2 ½ mtr.
c	Species.	Shisham, Kikar, 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 etc).	Fencing with Barbed Wire/Protection Watcher
g	Proposed Monitoring Mechanisim.	Inspection by officers.
h	Any Other Information	No any.


 Divisional Forest Officer,
 Divisional Forest Division,
 Fatehabad.

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Proposal No.

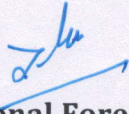
FP/HR/APPROACH/142971/2021

NPV CALCULATION SHEET

	Description	Total Area	Rate	Total Amount (in Rs.)
A	Net Present Value of Forest Land to be Diverted	0.023837	957780	22830.60
Or Say Rs.				22831

Diverted Land Detail

1	Eco Class	III
2	Canopy Density	Very Dense/Dense/Open
Total NPV Payable Amount		22831


Divisional Forest Officer,
Fatehabad.