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Full Title of the Project: Diversion of Forest land for Construction of Petrol Pump HPCL Siwani-Singhani Road Khasra No. 283/21 Km. Stone 2 R/S at Village Siwani Distt. Bhiwani

File No. : FCA(FP/HR/Petrol Pump/14527/2015)

Date of Proposal: - 07/08/2015

### CHECK LIST SERIAL NUMBER:- 18

#### "SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted			Diversion of Forest land for Construction of Petrol Pump HPCL Siwani-Singhani Road Khasra No. 283/21 Km. Stone 2 R/S at Village Siwani Distt. Bhiwani		
Forest Area (in Ha)			<b>0.0247 Ha.</b>		
Details of de-graded forest land/non forest land where C.A is to be carried out :			Loharu Canal RD 17-25 L&R a) 28°36'16.30"N, 76°13'20.36"E b) 28.35'41.78"N, 76.11'27.39"E		
Division / District:	<b>Bhiwani</b>	Range	<b>Dadri</b>	Village.	<b>Dadri Range</b>
2).	<b>Description of Area :</b>				
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

#### 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 :-

Area to be Diverted	0.0247 Ha.
Area to be planted (one/two/ten times the diverted area)	Two time 0.0494
Nos of trees to be felled	2 Nos.
Nos of Plants to be damaged	Nil Nos. plants
Nos of Plants to be planted @ 1000/- plants per Ha	50 Plants

4 **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	21909
B	Compensatory Afforestation Charges	<u>Nos of Plants</u>	<u>Rate Per plant</u>	
i	1st Year Cost of Afforestation	50	172	8600
ii	2nd Year Maintenance	50	64	3200
iii	3rd Year Maintenance	50	32	1600
iv	4th Year Maintenance	50	25	1250
v	5th Year Maintenance	50	26	1300
vi	6th Year Maintenance	50	15	750
vii	7th Year Maintenance	50	8	400
viii	8th Year Maintenance	50	9	450
IX	9th Year Maintenance	50	10	500
X	10th Year Maintenance	50	11	550
			<b>Total</b>	18600
XI	Barbed wire fencing charge (RKM)	0.20	Rs. 76700/- per KM.	15340
Total				<b>33940</b>
C	Supervisory / Over Head / Miscellaneous Charges			3394
Total (A+B+C)				<b>59243</b>
D	i) Felling Charges	1.27	1000	1270
E	ii) Plantation damage Charges	0	236	0
F	Any other Charges			
Grand Total (A+B+C+D+E+F)				<b>60513</b>
Or Say				<b>60520</b>

3 **Technical Details :-**  
Technical Details of Compensatory Afforestation Scheme are as follows :-

a	General Details	Plantation will be done with 3 standard barbed wire in RF/PF.
b	Spacing.	4 x 2.5 mtr.
c	Species.	----

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d	Plantation Method.	----
e	Soil and Moisture Conservation Works.	NIL
f	Protection (Fencing, watchman, Peoples Participation etc).	Fencing
g	Proposed Monitoring Mechanisim.	M&E
h	Any Other Information	No any.

Divisional Forest Officer,  
Bhiwani Forest Division,  
Bhiwani.  
BHIWANI FOREST DIVISION  
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