

Full Title of the Project: Diversion of 0.0823 Ha. for access of Bharat Petroleum Corporation Limited Retail Outlet on Barwala-Agroha Road near Km. Stone 87 at Village Khedar, Tehsil Barwala, Distt. - Hisar, Haryana.
Online Proposal No.:- FP/HR/Approach/40901/2019
Date of Proposal: 28/06/2019

CHECK LIST SERIAL NUMBER:- 18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted			Full Title of the Project: Diversion of 0.0823 Ha. for access of Bharat Petroleum Corporation Limited Retail Outlet on Barwala-Agroha Road near Km. Stone 87 at Village Khedar, Tehsil Barwala, Distt. - Hisar, Haryana.		
Forest Area (in Ha)			0.0823		
Details of de-graded forest land/non forest land where CA is to be carried out :			Balak Minor RD 40-45 L&R Side		
Division / District:	Hisar	Range	Adampur	Village.	Khedar
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.		Undulating
			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 and it is approved by the PCCF, Haryana's letter no. CAMPA/2729 dated 03-07-2018 at the wage rate of Rs. 326.82/- per day as under :-

Year	Plant per Year
1 st Year cost of afforestation	359.10
2 nd Year maintenance	115.35
3 rd Year maintenance	41.89
4 th Year maintenance	15.58
5 th Year maintenance	15.58
6 th Year maintenance	15.58
7 th Year maintenance	15.58
8 th Year maintenance	15.58
9 th Year maintenance	15.58
10 th Year maintenance	15.58
Total	625.40

Area to be Diverted =	0.0823
No. of trees to be felled-	13
Plants to be damaged =	37
Plants to be planted =	165
Area to be Planted (@ 1000 plant per ha.) =	0.17
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=74	

S.No	DESCRIPTION	RATE Rs Per Plant	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants	
	(1) 1 st Year cost of afforestation	165	359.10
	(2) 2 nd Year maintenance		115.35
	(3) 3 rd Year maintenance		41.89
	(4) 4 th Year maintenance		15.58
	(5) 5 th Year maintenance		15.58
	(6) 6 th Year maintenance		15.58
	(7) 7 th Year maintenance		15.58
	(8) 8 th Year maintenance		15.58
	(9) 9 th Year maintenance		15.58
	(10) 10 th Year maintenance		15.58
	(11) Chain Link Fencing charges= RKM	0.66	Rs. 76700/- Per RKM
	Total Charges		153816
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges	15382
	Total (A) C.A. Charges		169198
B	Additional Compensatory Afforestation Charges		
	(1) 1 st Year cost of afforestation	74	359.10
	(2) 2 nd Year maintenance		115.35
	(3) 3 rd Year maintenance		41.89
	(4) 4 th Year maintenance		15.58
	(5) 5 th Year maintenance		15.58
	(6) 6 th Year maintenance		15.58
	(7) 7 th Year maintenance		15.58
	(8) 8 th Year maintenance		15.58
	(9) 9 th Year maintenance		15.58
	(10) 10 th Year maintenance		15.58
	(11) Chain Link Fencing charges= RKM	0.30	Rs. 76700/- Per RKM
	Total (B) Addl. C.A. Charges		68983
C	Catchment Area Treatment (if required)		
	Soil and Moisture Conservation charges	30% of the Total CA	50759
D	Safety Zone (if required)		
			0
E	Additional Charges (if required)	Qty 1	RATE Rs Per Plant
	Sprey Tank 500 Ltr. to protect from biotic & abiotic stress.	1	50000
	Total (E)		50000
F	Net Present Value of Forest Land to be diverted		Rs. 887000/- ha.
			73000
G	Felling charges = Vol m ³	2.75	Rs. 1200/- Per m ³
			3300
H	Exigency Charges 3% of the total cost of		
	Grand Total (A+B+C+D+E+F+G+H) TO BE Deposited in CAMPA		
			415240
	Or Say		
			415240

Technical Details :-			
Technical Details of Compensatory Afforestation Scheme are as follows :-			
a	General Details		Plantation will be done with 3 standard fencing barbed wire in RF/PF.
b	Spacement.		4 x 2.5 mtr.
c	Species.		Neem, Kikar, Shisham, Toot, Jand, etc.
d	Plantation Method.		Tall Plantation
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

Place: Hisar
Dated : 17-09-2019

Smil
Divisional Forest Officer
Divisional Forest Officer (T),
Hisar Forest Division
Hisar.
HISAR

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