

Full Title of the Project: Diversion of 0.70875 ha. forest land for laying Natural Gas Pipeline of M/s HCG (KCE) Private Limited having trench width 450mm total length 15730 LHS along various PWD Roads in District Hisar, under forest Division & Distt. Hisar Haryana.  
 FP/HR/Pipeline/152105/2022  
 Date of Proposal: 08/02/2022

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

Name of the Forest/Reach to be diverted		Full Title of the Project: Diversion of 0.70875 ha. forest land for laying Natural Gas Pipeline of M/s HCG (KCE) Private Limited having trench width 450mm total length 15730 LHS along various PWD Roads in District Hisar, under forest Division & Distt. Hisar Haryana.			
Forest Area (in Ha)		0.70875			
Details of de-graded forest land/non forest land where CA is to be carried out :		<u>CA site</u>			
Division / District:	<b>Hisar</b>	Range	<b>Hisar</b>	Village.	<b>Hisar</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 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 Plant to Plant spacing and it is approved by the PCCF, Haryana's letter no. CAMPA/232 dated 11-06-2021 on the wage rate of Rs. 363.77/- per day as under :-

Year	Plant per Year
1 <sup>st</sup> Year cost of afforestation	315.33
2 <sup>nd</sup> Year maintenance	86.90
3 <sup>rd</sup> Year maintenance	54.09
4 <sup>th</sup> Year maintenance	10.05
5 <sup>th</sup> Year maintenance	10.05
6 <sup>th</sup> Year maintenance	10.05
7 <sup>th</sup> Year maintenance	10.05
8 <sup>th</sup> Year maintenance	10.05
9 <sup>th</sup> Year maintenance	10.05
10 <sup>th</sup> Year maintenance	10.05
<b>Total</b>	<b>526.67</b>

Area to be Diverted =	0.70875
No. of trees to be felled-	0
Plants to be damaged=	0
Plants to be planted =	0
Area to be Planted (@ 1000 plant per ha.) =	0.00
Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)=	0

S.No	DESCRIPTION		RATE Rs Per Plant	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges		No. of Plants	
	(1)	1 <sup>st</sup> Year cost of afforestation	0	315.33
	(2)	2 <sup>nd</sup> Year maintenance		86.90
	(3)	3 <sup>rd</sup> Year maintenance		54.09
	(4)	4 <sup>th</sup> Year maintenance		10.05
	(5)	5 <sup>th</sup> Year maintenance		10.05
	(6)	6 <sup>th</sup> Year maintenance		10.05
	(7)	7 <sup>th</sup> Year maintenance		10.05
	(8)	8 <sup>th</sup> Year maintenance		10.05
	(9)	9 <sup>th</sup> Year maintenance		10.05
	(10)	10 <sup>th</sup> Year maintenance		10.05
	(11)	Barbed Wire Fencing charges= RKM	0.00	Rs. 200000/- Per RKM
<b>Total Charges</b>				0
B	<b>Additional Compensatory Afforestation Charges</b>			
	(1)	1 <sup>st</sup> Year cost of afforestation	0	315.33
	(2)	2 <sup>nd</sup> Year maintenance		86.90
	(3)	3 <sup>rd</sup> Year maintenance		54.09
	(4)	4 <sup>th</sup> Year maintenance		10.05
	(5)	5 <sup>th</sup> Year maintenance		10.05
	(6)	6 <sup>th</sup> Year maintenance		10.05
	(7)	7 <sup>th</sup> Year maintenance		10.05
	(8)	8 <sup>th</sup> Year maintenance		10.05
	(9)	9 <sup>th</sup> Year maintenance		10.05
	(10)	10 <sup>th</sup> Year maintenance		10.05
	(11)	Chain Link Fencing charges= RKM	0.00	Rs. 200000/- Per RKM
<b>Total (B) Addl. C.A. Charges</b>				0
<b>Total (A+B) C.A. Charges</b>				0
Supervisory / Overhead / Miscellaneous Charges			10% on the CA	0
<b>Total (A) C.A. Charges</b>				0
C	<b>Catchment Area Treatment (if required)</b>			
	Soil and Moisture Conservation charges		30% of the Total CA	0
D	Safety Zone (if required)			
	<b>Additional Charges (if required)</b>		<b>Qty</b>	<b>Rate</b>
F	Net Present Value of Forest Land to be diverted		Rs. 1228590/- ha.	435382
G	Penel C.A (NPV X 5 X 12% Simple Intrest)			0
I	Felling charges = Vol m <sup>3</sup>		0	Rs. 1200/- Per m3
				0
			<b>Total</b>	435382
J	Exigency Charges 3% of the total cost of Total CA Scheme			0
	<b>G.Total</b>			435382

3	<b>Technical Details :-</b>			
	Technical Details of Compensatory Afforestation Scheme are as follows :-			
a	General Details			Plantation will be done with 3 standard Barbed fencing in RF/PF.
b	Spacefment.			Plant to Plant
c	Species.			Neem, Bakain, Shisham, Siris, Jamun, Papri, Arjun, Lassora, Tut, Imli, Awla etc.
d	Plantation Method.			Tall Plantation
e	Soil and Moisture Conservation Works.			
f	Protection (Fencing, watchman, Peoples Participation etc).			Fencing
g	Proposed Monitoring Mechanisim.			M&E
h	Any Other Information			No

Place: Hisar  
Dated : 01-04-2022

Divisional Forest Officer  
Hisar.

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