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**Full Title of the Project:** Diversion of 0.0016 ha. of forest land for access of M/s Krishna Bharat Gas (BPCL Gas Godown), on Pundri-Faridpur Road(ODR), near KM Stone No.1, at Village Pundri, Tehsil Gharaunda, Distt. Karnal, (Haryana).

File No. :

Date of Proposal :

### **CHECK LIST SERIAL NUMBER: 18**

#### **“SCHEME FOR COMPENSATORY AFFORESTATION”**

**Name of the Forest/Reach to be diverted:** Diversion of 0.0016 ha. of forest land for access of M/s Krishna Bharat Gas (BPCL Gas Godown), on Pundri-Faridpur Road(ODR), near KM Stone No.1, at Village Pundri, Tehsil Gharaunda, Distt. Karnal, (Haryana).

Forest Area = 0.0016 Hect.

**Details of degraded forest land/non-forest land where C.A. is to be carried out.**

Division :- **Karnal** District :- **Karnal**

Tehsil:- **Gharaunda** Range :- **Karnal**

**C.A. Site name : Gharaunda to Barsat Road K.M 3 to 4.5 R/Side**

**Area to be Afforested :- 0.05Hec.**

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):-  
**No, the site selected for compensatory Afforestation is not a land bank. It is a Degraded Forest Land.**
- b) If the CA site is other than the land bank, reasons be given:- **There is no land available in the land bank in Karnal. Plantation will be carried out in Protected forest area.**
- c) In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :- **C.A. will be carried out in Protected forest Area.**
  - i) Soil type: **Sandy Loam**
  - ii) Topography
    - a. Hilly/Undulating/Plain: **Plain**
    - b. Slope:-Steep/Medium/Gentle: **Gentle**
  - iii) Whether the area is bearing any root stock of vegetation:- **No**

**Plantation Model:-**

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under:

1. Schedule of Plantation Programme:-

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

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 224/- per day as under:-

Year	Rate per Plant
1 <sup>st</sup> Year cost of afforestation	Rs. 172/- Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 64/- Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 32/- Per Plant
4 <sup>th</sup> Year maintenance	Rs. 25/- Per Plant
5 <sup>th</sup> Year maintenance	Rs. 26/- Per Plant
6 <sup>th</sup> Year maintenance	Rs. 15/- Per Plant
7 <sup>th</sup> Year maintenance	Rs. 8/- Per Plant
8 <sup>th</sup> Year maintenance	Rs. 9/- Per Plant
9 <sup>th</sup> Year maintenance	Rs. 10/- Per Plant
10 <sup>th</sup> Year maintenance	Rs. 11/- Per Plant
<b>Total</b>	<b>Rs. 372/-</b>

Area to be Diverted :-

0.0016 ha.

No. of trees to be felled :-

NIL

Plants to be damaged:-

..NIL..

Plants to be planted (Ten time of the trees to be felled):NA

Area to be Planted = Double area 0.050 hect. @ 1000 plant per ha.

**Minimum Plants to be Planted = 50**

RKM 50/250 = 0.20 RKM

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) :- ..NIL..

Sr. No.	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	<b>Compensatory Afforestation Charges</b>	<b>No. of Plants</b>		
	(1) 1 <sup>st</sup> Year cost of afforestation	50	Rs. 172/- Per Plant	8600
	(2) 2 <sup>nd</sup> Year maintenance	Plants	Rs. 64/- Per Plant	3200
	(3) 3 <sup>rd</sup> Year maintenance		Rs. 32/- Per Plant	1600
	(4) 4 <sup>th</sup> Year maintenance		Rs. 25/- Per Plant	1250
	(5) 5 <sup>th</sup> Year maintenance		Rs. 26/- Per Plant	1300
	(6) 6 <sup>th</sup> Year maintenance		Rs. 15/- Per Plant	750
	(7) 7 <sup>th</sup> Year maintenance		Rs. 8/- Per Plant	400
	(8) 8 <sup>th</sup> Year maintenance		Rs. 9/- Per Plant	450
	(9) 9 <sup>th</sup> Year maintenance		Rs. 10/- Per Plant	500
	(10) 10 <sup>th</sup> Year maintenance		Rs. 11/- Per Plant	550

	(11) Barbed wire fencing charge=0.2 RKM	Rs.76700/- Per RKM	15340	
	<b>Total CA Charges</b>		<b>33940</b>	
	Supervisory / Overhead / Miscellaneous Charges	10% on the CA charges	3394	
	<b>Sub Total (A) Total C.A. Charges</b>		<b>37334</b>	
B	<b>Additional Compensatory Afforestation Charges</b>			
	(1) 1 <sup>st</sup> Year cost of afforestation	..Nil..	Rs. 172/- Per Plant	0
	(2) 2 <sup>nd</sup> Year maintenance		Rs. 64/- Per Plant	0
	(3) 3 <sup>rd</sup> Year maintenance		Rs. 32/- Per Plant	0
	(4) 4 <sup>th</sup> Year maintenance		Rs. 25/- Per Plant	0
	(5) 5 <sup>th</sup> Year maintenance		Rs. 26/- Per Plant	0
	(6) 6 <sup>th</sup> Year maintenance		Rs. 15/- Per Plant	0
	(7) 7 <sup>th</sup> Year maintenance		Rs. 8/- Per Plant	0
	(8) 8 <sup>th</sup> Year maintenance		Rs. 9/- Per Plant	0
	(9) 9 <sup>th</sup> Year maintenance		Rs. 10/- Per Plant	0
	(10) 10 <sup>th</sup> Year maintenance		Rs. 11/- Per Plant	0
	Barbed wire fencing charge= 0 RKM		Rs.76700/- Per RKM	0
	<b>Sub Total (B) Total Addl. C.A. Charges</b>			<b>0</b>
C	Penal C.A.	-		NA
D	<b>Catchment Area Treatment</b>			
	Soil and Moisture Conservation charges	30% of the Total CA		0
	<b>Sub Total (D)</b>			<b>0</b>
E	Safety Zone			NA
F	<b>Additional Charges</b>			
	.....			0
	.....			0
	<b>Sub Total (F)</b>			<b>0</b>
G	Net Present Value of Forest Land to be diverted 0.0016 Hect.	Rs. 887000/- per ha.		1419
H	Felling charges = NIL	Rs.1000 /- per m <sup>3</sup>		0
I	Plantation damage charges = 0 Nos.	Rs. 236/- per plant		0
	<b>GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund</b>			<b>38753</b>

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) **General Detail :-** Compensatory Afforestation will carried out along With, **Gharaunda to Barsat Road K.M 3 to 4.5 R/Side**
- b) Spacing:- 4x4mtr a Part
- c) Species:- Neem & Shisham, Jamun/Jamoa etc.
- d) Plantation method :- Tall Plantation
- e) Soil and Moisture Conservation Works :- -Nil-
- f) Protection (Fencing, Watch man, People's, Participation etc) :- Fencing
- g) Proposed Monitoring Mechanism: - Checking of Plantation work will be done by RFO, DCF, CF & DCF (M&E)
- h) Any other information :- Nil

**Place:-Karnal**

  
Divisional Forest Officer,  
Karnal Forest Division,  
Karnal

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