

**Full Title of the Project:** Diversion of 0.2369 Ha of forest land for access to proposed petrol pump of HPCL between Ankhir Chowk Surajkund in village Mewla Maharajpur M.No 54 Killa No, 18 Tehsil Badkhal, District Faridabad  
**File No. :**  
**Date of Proposal:**

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

Detail scheme for Compensatory Afforestation in lieu of proposal for Diversion of 0.2369 Ha of forest land for access to proposed petrol pump of HPCL between Ankhir Chowk Surajkund in village Mewla Maharajpur M.No 54 Killa No, 18 Tehsil Badkhal, District Faridabad

**Details of degraded forest land/non-forest land: -**

District: - **Faridabad** Tehsil: **Badkhal**  
Forest Division: - **Faridabad** Range: **Faridabad**  
Block/Compt/Survey No.: - Along Ankhir Police Chowki to Sector-46 road L&R RKM 5, Mewla Maharajpur  
Area to be Afforested:- **578 Plants will be planted**  
GPS Reading N **28 26 43.7388**  
E **77 17 48.1272**

**Description of the Area:-**

- Whether the site selected for Compensatory Afforestation is a land bank (Yes or No):-  
**the site selected for Compensatory Afforestation is not a land bank.**

If the CA site is other than the land bank, reasons are given:-**There is no land bank in District Faridabad. Plantation will be carried out** Along Ankhir Police Chowki to Sector-46 road L&R RKM 5, Mewla Maharajpur.

In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - **CA will be carried out** . :- Along Ankhir Police Chowki to Sector-46 road L&R RKM 5, Mewla Maharajpur

Soil type: - **Normal.**

Topography:-

- |    |  |               |
|----|--|---------------|
| a. | Hilly/Undulating/Plain   | <b>Plain</b>  |
| b. | Slope: - Steep/Medium/Gentle   | <b>Gentle</b> |
| f) | Whether the area is bearing any root stock of vegetation:- <b>No</b> |               |

**3. Plantation Model:-**

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

**4. Schedule of Plantation Programme:-**

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

The Plantation is calculated for **Tall Plants** norms at 4m X 4m spacing and **1000 plants per Ha.** and it is approved by the PCCF, Haryana's letter No. **109 Dated 20.05.2022** at the wages rate of **Rs.397.42/-** per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 <sup>st</sup> Year Plantation	Rs. 397.34 Per Plant
2	2 <sup>nd</sup> Year Maintenance	Rs. 91.32 Per Plant

3	3 <sup>rd</sup> Year Maintenance	Rs. 55.96 Per Plant
4	4 <sup>th</sup> Year Maintenance	Rs. 24.7 Per Plant
5	5 <sup>th</sup> Year Maintenance	Rs. 24.7 Per Plant
6	6 <sup>th</sup> Year Maintenance	Rs. 24.7 Per Plant
7	7 <sup>th</sup> Year Maintenance	Rs. 24.7 Per Plant
8	8 <sup>th</sup> Year Maintenance	Rs. 24.7 Per Plant
9	9 <sup>th</sup> Year Maintenance	Rs. 24.7 Per Plant
10	10 <sup>th</sup> Year Maintenance	Rs. 24.7 Per Plant
	<b>Total Cost.</b>	<b>Rs. 717.52/- per plant</b>

Area to be diverted: 0.2369 hec.

Area to be planted (One/two/ten times the diverted area) = 474 plants.

No. of trees to be felled= 17

No. of Plants to be damaged=52

Number of Plants to be planted (@ 1000 Plant per Hec.) = 578 Plants

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 <sup>st</sup> Year cost of afforestation	474	Rs. 397.34 Per Plant	188339.16
	(2) 2 <sup>nd</sup> Year maintenance	474	Rs. 91.32 Per Plant	43285.68
	(3) 3 <sup>rd</sup> Year maintenance	474	Rs. 55.96 Per Plant	26525.04
	(4) 4 <sup>th</sup> Year maintenance	474	Rs. 24.7 Per Plant	11707.8
	(5) 5 <sup>th</sup> Year maintenance	474	Rs. 24.7 Per Plant	11707.8
	(6) 6 <sup>th</sup> Year maintenance	474	Rs. 24.7 Per Plant	11707.8
	(7) 7 <sup>th</sup> Year maintenance	474	Rs. 24.7 Per Plant	11707.8
	(8) 8 <sup>th</sup> Year maintenance	474	Rs. 24.7 Per Plant	11707.8
	(9) 9 <sup>th</sup> Year maintenance	474	Rs. 24.7 Per Plant	11707.8

(10) 10 <sup>th</sup> Year maintenance	474	Rs. 24.7 Per Plant	11707.8
		<b>Total</b>	<b>340104.48</b>
(11) Total Barbed wire fencing charge	RKM	Rs.200000/- Per RKM	462400
	2.312		
Total Charges			802504.48
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	80250.448
Total (A) C.A. Charge			<b>882754.928</b>
B	Add. Compensatory Afforestation Charges		
(1) 1 <sup>st</sup> Year cost of afforestation	104	Rs. 397.34 Per Plant	41323.36
(2) 2 <sup>nd</sup> Year maintenance	104	Rs. 91.32 Per Plant	9497.28
(3) 3 <sup>rd</sup> Year maintenance	104	Rs. 55.96 Per Plant	5819.84
(4) 4 <sup>th</sup> Year maintenance	104	Rs. 24.7 Per Plant	2568.8
(5) 5 <sup>th</sup> Year maintenance	104	Rs. 24.7 Per Plant	2568.8
(6) 6 <sup>th</sup> Year maintenance	104	Rs. 24.7 Per Plant	2568.8
(7) 7 <sup>th</sup> Year maintenance	104	Rs. 24.7 Per Plant	2568.8
(8) 8 <sup>th</sup> Year maintenance	104	Rs. 24.7 Per Plant	2568.8
(9) 9 <sup>th</sup> Year maintenance	104	Rs. 24.7 Per Plant	2568.8
(10) 10 <sup>th</sup> Year maintenance	104	Rs. 24.7 Per Plant	2568.8
(11) Barbed wire fencing charge	RKM	Rs.200000/- Per RKM	0
	0		



	Total (B) Add. C.A. Charges			74622.08
C	Addl. Supy charges		-	7462.208
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges			0
	Total (D)			0
E	Safety Zone (if required)			0
	Additional Charges (if required)	Qty	Rate	0
	Total (F)			0
G	Exigency Charges 3% of the total cost of (A+B+C+D+E+F)			28945.17648
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund			993784.3925

**5. Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

General Details: - **Plantation will be done along** Ankhir Police Chowki to Sector-46 road L&R RKM 5, Mewla Maharajpur

b) Spacing: -

**4m X 4m Tall Plants. Planting**

c) Species: -

**P.Papri, Ronj, Kheri etc.**

d) Plantation Method: -

**Pit Plantation**

e) Soil and Moisture Conservation Works: -

**Nil**

f) Protection (Fencing, Watch man, People's Participation etc.): - Barbed wire Fencing

**Checking of plantation works will be**

g) Proposed Monitoring Mechanism: -

**Along Ankhir Police Chowki to Sector-46 road**

**L&R RKM 5, Mewla Maharajpur**

**RFO, DCF, CF, and DCF (M&E)**

  
Dy. Conservator of Forests  
Faridabad

**Cost Statement of Plantation of Tall Plants under Green Belt in Urban Area/NPV during the Year 2022-23 at Wage Rate of Rs. 388.42/- per day**

No. of Plants per RKM = 250, spacing = 4m plant to plant

Sr. No.	Item of Work	Unit	Qty.	Rate / Unit (Rs.)	Amount (Rs.)
<b>1st year expenditure</b>					
1	Jungle clearance	Ha	0.5	5826.30	2913.15
2	Dag bailing and alignment	RKM	1	271.90	271.90
3	Digging of pits 250x0.6mx0.6mx0.6m	m <sup>3</sup>	54	165.08	8914.32
4	Loading and unloading of plants in tractor/cart	Nos	300	2.93	879.00
5	Carriage of plants	Nos	300	24.40	7320.00
6	Planting of seedling & including 10% replacement	Nos	275	15.55	4276.25
7	Application of fertilizer (one time DAP+One time urea)	Nos	500	0.77	385.00
8	Irrigation eight times	Nos	2000	5.84	11680.00
9	Purchase of water	L.S			2500.00
10	First weeding and hoeing	Nos	250	7.75	1937.50
11	Subsequent weeding and hoeing five times	Nos	1250	5.84	7300.00
12	Miscellaneous expenditure	L.S			1700.00
13	Cost of wages of protection watcher (one protection watcher for six months for plantation area of 10 RKM)	L.S			6991.00
	<b>Total</b>				57068.12
14	Raising of plants in nursery (30cmx45cm) :250+20% extra	Nos	300	97.39	29217.00
	<b>G.Total</b>				86285.12
	Added EPF @ 13%				
	Added ESI @ 3.25%				7010.67
	of wages component 50% of total				6039.96
	Added Contractor profit @ 7% of total				99335.74
	<b>Net Total</b>				
<b>2nd year maintenance</b>					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Re-opening of pits 50x0.6mx0.6mx0.6m	M <sup>3</sup>	11	77.69	854.59
3	Loading and unloading of plants	No.	60	2.93	175.80
4	Carriage of plants	No.	60	24.40	1464.00
5	Planting of plants	No.	500	15.55	777.50
6	Irrigation two times	No.		5.84	2920.00
7	Purchase of water	No.	750		1500.00
8	Weeding and hoeing three times	L.S			4380.00
9	Miscellaneous expenditure				1000.00
	<b>Total</b>	No.	60	97.39	13986.66
10	Raising of Plants in nursery				5843.40
	<b>G.Total</b>				19830.06
	Added EPF @ 13%				
	Added ESI @ 3.25%				1611.19
	of wages component 50% of total				1388.10
	Added Contractor profit @ 7% of total				22829.35
	<b>Net Total</b>				
<b>3rd year maintenance</b>					
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53	914.77
2	Re-opening of pits 50x0.6mx0.6mx0.6m	M <sup>3</sup>	5.5	77.69	427.30
3	Loading and unloading of plants	No.	30	2.93	87.90
4	Carriage of plants	No.	30	24.40	732.00
5	Planting of plants	No.	25	15.55	388.75
6	Irrigation two times	No.	500	5.84	2920.00
7	Purchase of water	No.	250		1000.00
8	Weeding and hoeing once	L.S			1460.00
9	Miscellaneous expenditure				1300.00
	<b>Total</b>	No.	30	97.39	9230.71
10	Raising of Plants in nursery				2921.70
	<b>G.Total</b>				12152.41
	Added EPF @ 13%				
	Added ESI @ 3.25%				987.38
	of wages component 50% of total				850.67
	Added Contractor profit @ 7% of total				13990.46
	<b>Net Total</b>				



4th year maintenance				
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53
2	Expenditure on cleaning, pruning and thinning	LS		3000.00
3	Miscellaneous expenditure	LS		1450.00
	Total			5364.77
	Added EPF @ 13%			
	Added ESI @ 3.25%			
	of wages component 50% of total			435.89
	Added Contractor profit @ 7% of total			375.53
	Net Total			6176.19
5th year maintenance				
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53
2	Expenditure on cleaning, pruning and thinning	LS		3000.00
3	Miscellaneous expenditure	LS		1450.00
	Total			5364.77
	Added EPF @ 13%			
	Added ESI @ 3.25%			
	of wages component 50% of total			435.89
	Added Contractor profit @ 7% of total			375.53
	Net Total			6176.19
6th year maintenance				
1	Clearing of weeds/ bushes in strips between plantation row.	Ha.	0.5	1829.53
2	Expenditure on cleaning, pruning and thinning	LS		3000.00
3	Miscellaneous expenditure	LS		1450.00
	Total			5364.77
	Added EPF @ 13%			
	Added ESI @ 3.25%			
	of wages component 50% of total			435.89
	Added Contractor profit @ 7% of total			375.53
	Net Total			6176.19
ABSTRACT OF COST NORMS				
YEAR OF PLANTATION		Cost (Rs.)		Cost per plant (Rs.)
FIRST YEAR PLANTATION		99335.74		397.34
SECOND YEAR MAINTENANCE		22829.35		91.32
THIRD YEAR MAINTENANCE		13990.46		55.96
FOURTH YEAR MAINTENANCE		6176.19		24.70
FIFTH YEAR MAINTENANCE		6176.19		24.70
SIXTH YEAR MAINTENANCE		6176.19		24.70
TOTAL		154684.11		618.74

Note:- Maintenance of plantation for a period of 3 years under State Scheme and up to 5 years under NPV scheme is allowed.

Principal Chief Conservator of Forests (HofF)  
Haryana, Panchkula.

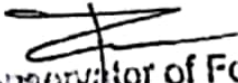
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**File No. :**

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### NET PRESENT VALUE

S.No	DESCRIPTION	RATE	TOTAL AMOUNT (Rs.)
A	Net Present Value of Forest Land to be diverted 0.2369 Ha	Rs. 12,28,590/- per ha.	2,91,052.971
	<b>Total</b>		<b>2,91,052.971</b>

  
Dy. Conservator of Forests  
Faridabad

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**FELLING CHARGES**

S.No	DESCRIPTION	RATE	TOTAL AMOUNT (Rs.)	TOTAL AMOUNT (Rs.)
A	FELLING CHARGES	Rs. 1200 Per M3	1.26	1512
	Total			1512

  
**Dy. Conservator of Forests**  
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