

COMPENSATORY AFFORESTATION SCHEME IN LIEU OF THE FOREST AREA
PROPOSED DIVERSION IN FAVOUR OF M/s. HINDUSTAN PETROLEUM
CORPORATION LTD., MUMBAI IN DEGRADED FOREST OF COMPARTMENT
NO.241, VOVILATHOTA RF, SANTHAPET BEAT OF PUNGANUR RANGE



As per section 3.2 and 4 (iii) of the Forest (Cons.) Act, 1980, it envisages to raise Compensatory Afforestation over double the extent of degraded land over an extent of 2.30 Ha (i.e. 1.14 x 2) in Compt.No.241 of Vovilathota RF, Santhapeta Beat of Punganur Range ie., the area being diverted over an extent of 1.14 Ha of forest land in Boyakonda RF of Chittoor West Division for laying of 16" dia VDPL pipeline from Vijayawada to Dharmapuri TN in the state of AP.

Technique :

The technique proposed for Raising Plantation is Semi mechanized method under which deep ploughing over a depth of 30cm will be carried out and planting will be taken up at 3x3 Mt espacement duly pitting 45cm cube pit and planting with 6x12 or 8x12 size bag plants i.e., 1111 Nos of plants per Ha. The main species is Neem, Narepi, Tapasi, Tella maddi, Red Sanders etc., in these plantations. The area is almost plain with gentle slope. The slopes are in different directions and forming into small patches. The drainage is good. Soil depth is also good. It is proposed for sufficient quantity of SMC works i.e., 50 cum/Ha. The other usual operations as provided in FSR i.e., Soil Working, Fire Tracing Operations, Coppicing, Weeding etc., are proposed for this plantation. Fencing of the area is quite essential to protect the plantation.

The scheme is spreaded over a period of 10 years commencing from 2018-19 to 2027-28 and worked out to a cost of **Rs.17.300 Lakhs**.


The details of scheme proposals for CA Plantation (2.30 Ha) is as follows. (Data sheet enclosed).

(Rs. in Lakhs)

| | Component | Cost |
|----|--|---------------|
| A) | Erection of Barbed Wire Fence | 4.865 |
| B) | Advance works including Raising of Nursery | 1.793 |
| C) | Raising of Misc. Plantation | 2.070 |
| D) | 1 st year Maintenance. | 1.01 |
| E) | 2 nd year Maintenance. | 0.909 |
| F) | 3 rd year Maintenance. | 0.863 |
| G) | 4 th year Maintenance. | 0.570 |
| H) | 5 th year Maintenance. | 0.448 |
| I) | 6 th year Maintenance. | 0.493 |
| J) | 7 th year Maintenance. | 0.542 |
| K) | 8 th year Maintenance. | 0.597 |
| L) | Construction of CC boundary pillars | 2.625 |
| M) | Contingencies | 0.513 |
| | TOTAL : | 17.300 |

IMPLEMENTING AGENCY:

The A.P. Forest Department will take up the responsibility for implementation of the Compensatory Afforestation scheme with the funds deposited by the user agency and the scheme will be monitored by the Prl. Chief Conservator of Forests, Andhra Pradesh, Hyderabad through its mechanism.


Divisional Forest Officer
Chittoor West Division, Chittoor

COMPENSATORY AFFORESTATION SCHEME FOR THE AREA PROPOSED FOR DIVERSION IN FAVOUR OF M/s. HINDUSTAN PETROLEUM CORPORATION LTD., MUMBAI IN CHITTOOR WEST DIVISION

ABSTRACT CUM YEAR WISE ACTION PLAN

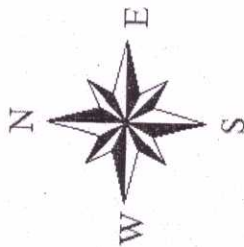
| Sl No | Name of the work | Units | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | | 2023-24 | | 2024-25 | | 2025-26 | | 2026-27 | | 2027-28 | | Total | |
|-------|---|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|---------|-------|--------|
| | | | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin |
| 1 | 2 | 3 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 16 | 17 | 16 | 17 | 18 | 19 | | Phy | Fin | |
| I | Erection of barbed wire fence in degraded forest land | Mts | 200 | 1.870 | 300 | 2.805 | | | | 0.19 | | | | | | | | | | | | 500 | 20 | 21 |
| | | | Rmts | | Rmts | | | | | | | | | | | | | | | | | Rmts | | 4.865 |
| II | Raising of Misc. species of tall plant nursery | Nos | 0.04 | 0.594 | 0.01 | 0.163 | 0.005 | 0.090 | | | | | | | | | | | | | | 0.055 | | 0.847 |
| | Maintenance of Nursery | | | | | | | | | | | | | | | | | | | | | 0.055 | | 0.345 |
| III | Preliminary/Advance operations | Ha | 2.3 | 0.946 | | 0.242 | 0.01 | 0.067 | 0.005 | 0.037 | | | | | | | | | | | | 0.055 | | 0.946 |
| IV | Raising /Treatment of Plantations | Ha | | | 2.3 | 1.725 | | | | | | | | | | | | | | | | 2.3 | | 1.725 |
| V | 1st year Maintenance | Ha | | | | | 2.3 | 1.010 | | | | | | | | | | | | | | Maint. | | 1.010 |
| VI | 2nd year Maintenance | Ha | | | | | | | 2.3 | 0.909 | | | | | | | | | | | | Maint. | | 0.909 |
| VII | 3rd year Maintenance | Ha | | | | | | | | | 2.3 | 0.863 | | | | | | | | | | Maint. | | 0.863 |
| VIII | 4th year Maintenance | Ha | | | | | | | | | | | 2.3 | 0.570 | | | | | | | | Maint. | | 0.570 |
| IX | 5th year Maintenance | Ha | | | | | | | | | | | 2.3 | | 2.3 | 0.448 | | | | | | Maint. | | 0.448 |
| X | 6th year Maintenance | Ha | | | | | | | | | | | | | | | 2.3 | 0.493 | | | | Maint. | | 0.493 |
| XI | 7th year Maintenance | Ha | | | | | | | | | | | | | | | | | 2.3 | 0.542 | | Maint. | | 0.542 |
| | 8th year Maintenance | Ha | | | | | | | | | | | | | | | | | 2.3 | 0.597 | | Maint. | | 0.597 |
| XII | Construction of CC boundary pillars | Nos | | | 35 | 2.63 | | | | | | | | | | | | | | | | | | 2.625 |
| XIII | Over heads | LS | | 0.090 | | 0.139 | | 0.083 | | 0.064 | | 0.037 | 0.030 | | 0.032 | | 0.017 | | 0.018 | | 0.003 | LS | | 0.513 |
| | TOTAL : | | | 3.500 | 4.1 Ha | 7.700 | | 1.250 | | 1.200 | | 0.900 | 0.600 | | 0.480 | | 0.510 | | 0.560 | | 0.600 | 4.10 Ha | | 17.300 |

COUNTERSIGNED

Divisional Forest Officer
Chittoor West Divn. Chittoor

Forest Range Officer
Chittoor West

Surveyed sketch for Raising of 2.3 Ha CA plantation in
Compt. No.241, Vavilthota RF of Santhapeta Beat
belongs to HPCL Ltd., in Chittoor West Range

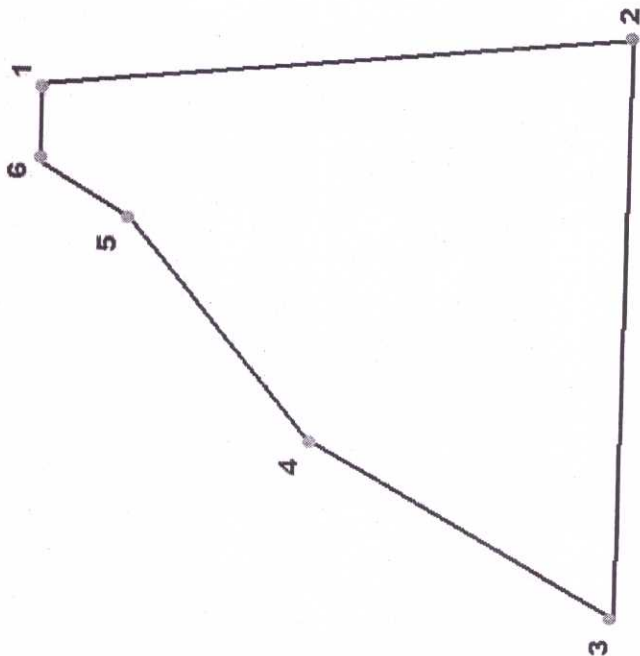


1:2500

Area surveyed - 2.50 Ha
Effective Area - 2.30 Ha

| SNO | LAT | LONG |
|-----|----------|----------|
| 1 | 13.33266 | 79.08393 |
| 2 | 13.33076 | 79.08412 |
| 3 | 13.33079 | 79.08224 |
| 4 | 13.33178 | 79.08279 |
| 5 | 13.33238 | 79.08351 |
| 6 | 13.33266 | 79.08370 |

Surveyed by me
h. a. r.
D. V. R.



Counter Signed



Divisional Forest Officer
Chittoor West Divn., Chittoor.

FOREST RANGE OFFICER
CHITTOOR WEST RANGE
CHITTOOR.



Location Map of CA Land for diversion of Forest Land Vijayawada-Dharmapuri
Petroleum Product Pipeline passing through Boyakonda RF

N
W
E
S

1:15000

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Compt /RF Boundary

CA Land

