

GOVT. OF N.C.T. OF DELHI
DEPARTMENT OF FOREST & WILDLIFE
OFFICE OF THE DEPUTY CONSERVATOR OF FORESTS (WEST)
WEST FOREST DIVISION: MANDIR LANE: NEW DELHI-60
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PROPOSAL NUMBER: FP/DL/ROAD/48557/2020

COMPENSATORY AFFORESTATION SCHEME (AS PER PLANTATION UNDER DELHI PRESERVATION OF TREES ACT, 1994) FOR DIVERSION PROPOSAL OF 35.16 HA OF RESERVED FOREST LAND FOR CONSTRUCTION OF 6 LANE ACCESS CONTROLLED HIGHWAY FROM DND-FARIDABAD-BALLABGARH BYPASS JUNCTION WITH DELHI-VADODARA EXPRESSWAY KMP-INTERCHANGE (NH-148 NA) UNDER BHARATMALA PARIYOJNA BY NHAI – REG

A Compensatory Afforestation of 1,06,400 Saplings (Trees, Shrubs and Climbers) through the process of Eco Restoration has to be carried over an area of 70 Ha Land located at Pocket B Central. The land has been identified by the Forest Department and is falling in the notified ridge with abundance of Keekar. Hence, Compensatory Afforestation cannot be done without Eco-Restoration.

As per existing norms of Compensatory Plantation in Department of Forest & Wildlife, GNCTD

- The Cost of Plantation and 07 Years Maintenance of Tree Sapling is **Rs. 5700/- (Rs. Five Thousand Seven Hundred Only) per sapling.**
- The Cost of Plantation and 07 Years Maintenance of Shrub Sapling is **Rs. 3420/- (Rs. Three Thousand Four Hundred Twenty Only) per sapling.**
- The Cost of Plantation and 07 Years Maintenance of Climber Sapling is **Rs. 3420/- (Rs. Three Thousand Four Hundred Twenty Only) per sapling.**

1. As per the approved Eco Restoration policy a total of 8 saplings have to be planted around 01 Kikkar Tree (2 Climbers, 2 Shrubs and 4 Native Trees). Therefore, 1,06,400 Saplings are to be planted in 70 Ha Land through the process of Eco Restoration. The Breakup of the same is as follow:

Description	Total no.	Remarks
Kikkar	13,300	Average of 190 Kikkar per Ha
Climbers	26,600	2 times of total no. of Kikkar Trees
Shrubs	26,600	2 times of total no. of Kikkar Trees
Native Trees	53,200	4 times of total no. of Kikkar Trees

2. For Per Tree Sapling Cost for 10 Years is $(5700/7 \times 10) = \text{Rs. 8143/-}$
(Rupees Eight Thousand One Hundred Forty-Three Only).
3. For Per Shrub Sapling Cost for 10 Years is $(3420/7 \times 10) = \text{Rs. 4886/-}$
(Rupees Four Thousand Eight Hundred Eighty-Six Only)
4. For Per Climbers Sapling Cost for 10 Years is $(3420/7 \times 10) = \text{Rs. 4886/-}$
(Rupees Four Thousand Eight Hundred Eighty-Six Only)
5. Cost of 1,06,400 Saplings is **Rs. 69,31,42,800/- (Rupees Sixty Nine Crores Thirty One Lakhs Forty two thousand Eight Hundred Only).** The break of the cost is as follow:

Saplings	Average Rate per Saplings	No. of Saplings	Total Cost
Trees	8143	53,200	43,32,07,600/-
Climbers	4886	26,600	12,99,67,600/-
Shrubs	4886	26,600	12,99,67,600/-
Total			69,31,42,800/-

The Component of Plantation Activity are as follow:

S. No.	Components of Work
1	Removal of Dead Woods and Dry Bushes and Malba, etc. and levelling.
2	Uprooting of Roots Stumps, Weeds etc. and Site Preparation with Good Earth.
3	Mechanical Digging of Pits.
4	Application of Cholor-pyro-phos and Gypsum for Termite/Laterite Treatment etc.

5	Flooding the Pit with Water.
6	Treatment of Pits with FYM.
7	Cost of Saplings.
8	Transportation Cost of Saplings from Nursery to Site.
9	Irrigation during months of planting and remaining months of Ten Years of Creation of Plantation.
10	FYM/Neem Cake, Bone Meal and Insecticide for 10 Years.
11	Casualty Replacement in 2 nd & 3 rd Years for 30% of the plantation.
12	Watch & Ward Duty including monitoring and evaluation.
13	Total Estimated Cost of Creation and Maintenance.

6. The Cost of Pruning of existing Invasive Species Trees (i.e. 13,300 Kikkars) on the Land Proposed for Compensatory Afforestation is **Rs. 12,10,300/- (Rupees Twelve Lakhs Ten thousand Three Hundred Only)**

No. of Kiikars	Rate	Total Amount
13,300	91	12,10,300/-

Summary of expenditure for plantation of 1,06,400 saplings over an area of 70 Ha land.

Cost of Plantation (Tree, Shrub and Climbers)	Cost of Pruning	Administrative & Contingency Charges @ Rs. 1000/Sapling	Total
Rs. 69,31,42,800/-	Rs. 12,10,300/-	Rs. 10,64,00,000/-	Rs. 80,07,53,100/-

The Payment shall be deposited to CAMPA FUND only through the E Portal.

Place: Delhi

Date: 16.11.2023


(ABHINAV KUMAR)
DEPUTY CONSERVATOR OF FORESTS
WEST FOREST DIVISION