

Compensatory Afforestation scheme (as per plantation under Forest Conservation Act, 1994) for the diversion proposal of 37.7726 Ha. Forest land for Development of Urban Extension Road-II NH-344M from Design Km 0+000 at NH-1 Intersection (Km 23+800, near Bankoli village) to Design Km 38+111 near Sector 24, Dwarka in the state of NCT of Delhi.

1. A compensatory afforestation of 41965 sapling has to be carried out over an area of 37.7726 Ha. land located at Village Holambi Kalan and Sanoth village, Narela site Delhi, area located by NHA through DDA against the diversion of 37.7726 Ha. of Forest land/Deemed Forest land. As per existing norms of Compensatory Plantation in Department of Forest and wildlife, GNCTD, the cost of plantation and 07 years maintenance is Rs 5700/ (Rs. Five Thousand Seven Hundred only) per sapling.
2. As per the existing ratio, 1111 sapling can be planted in 01 Ha. Therefore, 41965 saplings are to be planted in 37.7726 Ha. land.
3. For per sapling cost/expenditure for 10 years is $(5700/7 \times 10) = \text{Rs. } 8142.86$
4. The Estimate therefore is $\text{Rs } 8143 \times 41965 = \text{Rs. } 34,17,20,995/-$ (Rupees Thirty Four Crore Seventeen Lakh Twenty Thousand and Nine Hundred Ninety Five only)
5. The component of plantation activity are as follows:

S. No.	Component of work
1	Fencing.
2	Removal of dead wood and dry bushes and malba, etc. and leveling .
3	Uprooting of root stumps, weeds etc. and site preparation with good earth.
4	Mechanical digging of pits.
5	Application of Chloro-pyro-phos and gypsum for termite/laterite treatment etc.
6	Flooding the pit with water.
7	Treatment of pits with FYM.
8	Cost of sapling.
9	Transportation cost of sapling from nursery to site.
10	Irrigation during months of planting and remaining months of Ten years of creation of plantation.
11	FYM/Neem cake, bone meal and insecticide for 10 years
12	Casualty replacement in 2 nd & 3 rd years for 30% of the plantation.
13.	Watch and ward duty including monitoring and evaluation.
14	Total estimated cost for creation and maintenance including fencing.

6. The above said amount includes administrative & contingency charges @ Rs. 1000/- (Rupees One Thousand only) per sapling for 10 years.
7. Estimated Cost for the construction of Two Watch Towers is Rs. 44, 06,898/- (Cost of construction of one watch tower is Rs. 22, 03,449/-). Only local material and angles will be used for the same.
8. Around 2 Ha. of land is water logged due to sewerage overflow. Hence cost of good earth- $3000 \text{ (Volume of good earth)} \times 400 = \text{Rs. } 1, 20, 00,000$ (One Crore Twenty Lakh Only).
9. Cost of LMV, farm Machinery (Tractor etc.) and its maintenance = Rs. 60, 00000/-.
10. Cost of Communication Devices to executive staff and recurring cost = Rs. 10, 00000/-.

11. For evaluation and monitoring requisite skilled man power (12 months X 1, 00,000) = Rs. 1, 20, 000, 00/-.
12. Construction of Camp Office with 30 ft. X 30 ft. dimensions = Rs. 10, 00,000/-.
13. Construction of Inspection Path (1450 (L) X 2.43 (B) X 3.28 (D)) = 11557 cum = 11557 X Rs. 767.25 = Rs. 88, 67,108/-.
14. Making soak pit 2.5 m diameter, 3.0 m deep with 45 X 45 cm dry brick honey comb shaft with brick and S.W drain pipe 100 mm diameter, 1.8 m long as per standard design. For 30 Nos. = 25278.75 X 30 = Rs. 7,58,362/-
15. Installation of solar panel along with the inspection path. For 100 Nos. = 26340 X 100 = Rs. 26,34,000/- (Installation included)
16. Construction of Overhead tank above Camp office with 2,00,000 liters capacity = Rs. 60,00,000/-.
17. Estimate of Miscellaneous items: (Drone Mavic Enterprise Dual, Brush cutter , Power tiller/weeder, Sprayer & Fogger Machine, Blower, solar torch, spotting scope, Nikon Coolpix camera, GPS Navigator Device, Fire Fighting Items, Trap Cages, Auger, FPR Security Check Post Cabin, Bags, Water Bottle, Shoes, Polycarbonate Lathi, Solar System for Camp office, Snake Catching with safety equipments etc.) = Rs. 2,50,000,00/-.
18. Overhead (10% of the cost of plantation) = Rs. 3, 41,72,099/-.
19. The final/total amount of CA Scheme is 34,17,20,995 + 44,06,898 + Rs. 1, 20, 00,000+ 60,00,000+ 10,00,000+ 1,20,000,00+ 10,00,000+ 88,67,108 + 7,58,362 +26,34,000 +60,00,000 +3,41,72,099 +2,50,000,00= **Rs. 45,55,59,462/- (Rupees Forty Five Crore Fifty Five Lakh Fifty Nine Thousand and Four Hundred Sixty Two only).**
20. The payment mentioned at pt. 19 shall be deposited to CAMPA fund only through e-portal.

Date: 26/08/2021

Place: Delhi

(VIPUL PANDEY)
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