


**Compensatory afforestation scheme (as per plantation under Delhi Preservation of Tree Act, 1994) for the diversion proposal of 3.31 ha. Forest land for construction of Aero City to Tughlakabad Corridor of MRTS Phase IV.( Proposal NoFP/DL/RAIL/146349/2021).**

1. A compensatory afforestation of 3310 sapling has to be carried out over an area of 3.31 ha. land located at Village Dhulsiras, Dwarka, Delhi bearing khasra No.40/16, 43/1, 43/2,43/3, 43/4/1 (partly), 43/8, 43/9, 43/10, 43/14/2) partly), 43/26, 44/5, 44/6. 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, 1000 sapling can be planted in 01 hector. Therefore, 3310 saplings are to be planted in 3.31 ha. land.
3. For per sapling cost/expenditure for 10 years is  $(5700/7 \times 10) = \text{Rs. } 8142.86/-$
4. Cost for 3310 saplings mentioned in component work table is  $8143 \times 3310 = \text{Rs. } 2,69,53,330/$
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 <sup>nd</sup> & 3 <sup>rd</sup> 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. Construction of Camp office Rs 10,00000/-
7. Raising of Watch Tower Rs 8, 00000/-
8. Making soak pit 2.5 m diameter 3.0 m deep with 45X45 cm dry brick honey comb shaft with brick and S.W drain pipe 100 mm diameter, 1.8 m long complete as per standard design. For 5 Nos=  $25278.75 \times 5 = \text{Rs } 1,26,394/-$
9. **Total estimated cost therefore for all plantation work is= Rs 2,88,79,724 / (Two Crore Eighty Eight Lakh Seventy Nine Thousand Seven Hundred Twenty Four Only)**
10. The said amount includes administrative & contingency charges @ Rs. 1000/- (Rupees One Thousand Only) per sapling for 10 years.
11. The payment at pt. 9 shall be deposited to CAMPA fund only through e portal.

  
 (Navneet K. Srivastava)  
**DEPUTY CONSERVATOR OF FOREST**  
**WEST FOREST DIVISION**  
 Department of Forest & Wildlife  
 Govt. of Delhi  
 Mandir Lane, New Delhi-07

Place: New Delhi

Date: 25/2/2022

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**GOVERNMENT OF NCT OF DELHI**  
**DEPARTMENT OF FORESTS & WILDLIFE**  
**A-BLOCK, 2<sup>ND</sup> FLOOR, VIKAS BHAWAN, IP ESTATE, NEW DELHI 110002**  
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No. F.11(06)/PA/CF/09/Pt. File/SA/2471-82

Dated: 02/7/15

**OFFICE ORDER**

The cost of compensatory plantation under relevant provisions of the Delhi (Preservation) of Trees Act, (DPTA) 1994 to compensate the loss of greenery in the NCT of Delhi had been placed before the Cabinet in meeting of Council of Ministers held on 19.06.2015 where it has been decided vide its decision no.2161 dated 19.06.2015 that the existing amount for security of Rs. 28,000/- to be raised to Rs. 34,500/- in case of individuals and Rs. 57,000/- in case of developmental & commercial projects for each tree to be removed with refundable component of Rs. 15,000/- & Rs. 25,000/- in case of individuals and projects respectively.

  
(Kulanand Joshi)  
Addl. Secretary (Env.)

**Copy to:**

1. The Pr. Secretary to Lt. Governor, Delhi, Govt. of NCT of Delhi, Raj Niwas.
2. The Pr. Secretary to the Chief Minister, Delhi.
3. The Chief Secretary, Govt. of NCT of Delhi.
4. The Vice-Chairman, Delhi Development Authority (DDA), Vikas Sadan, INA, New Delhi.
5. The Commissioner, MCD, Town Hall, Chandni Chowk, Delhi.
6. All Pr. Secretaries/Secretaries/HoDs, Govt. of NCT of Delhi.
7. The Chairman, NDMC, Palika Kendra, New Delhi.
8. The Addl. Pr. Conservator of Forests, Department of Forests & Wildlife, Govt. of NCT of Delhi, A-Block, 2<sup>nd</sup> floor, Vikas Bhawan, New Delhi-110002.
9. The Conservator of Forests, Department of Forests & Wildlife, Govt. of NCT of Delhi, A-Block, 2<sup>nd</sup> floor, Vikas Bhawan, New Delhi-110002.
10. The Dy. Conservator of Forests (North/South/West/P&M/HQ), Department of Forests & Wildlife, Govt. of NCT of Delhi, New Delhi.
11. Dy. Conservator of Forests (P&M /HQ), Department of Forests & Wildlife, Govt. of NCT of Delhi, New Delhi.
12. Guard File.

  
(Kulanand Joshi)  
Addl. Secretary (Env.)



## ANNEXURE – I

**COMPENSATORY AFFORESTATION BUDGETING**  
**FOR INDIVIDUALS UNDER DPTA, 1994**

Sl. No.	Components of Work	Unit of Work	Rate (Rs. Per unit)	Remarks
1 a)	Cost of sapling (4 – 6 feet tall)	Per sapling	85	Sapling purchased from nursery
1 b)	Cost of transportation from nursery to plantation site	Number	5	-
2.	Uprooting of root stumps, weeds etc. and site preparation	Per pit	25	Site levelling, removal of malba, etc. for better soil moisture regime.
3.	Digging of pits (soil loosening, removing of rubbles and stones, filling with good earth etc.)	Per pit	150	Procurement and good earth to the site
4.	Application of Chloro-pyrophos and Gypsum for termite/laterite treatment etc.	Per pit	10	Improvement of pH as alkalinity of soil is more than 8.
5.	Flooding the pit with water	Per pit	5	To assess the kankar pan formation below top soil.
6.	Filling of pits with FYM (5 cft. per pit), Bone meal (5 kg. per pit) and neem cake (5 kg. per pit)	Per pit	125	
7.	Irrigation		30	
8.	Basket/ Asbestos sheet reusable fencing	Per sapling	480	

9.	Maintenance of sapling including watch and ward, watering atleast thrice a week and casualty replacement for 6 months in the year of plantation and regular manuring and termite treatment etc.	Per sapling	300	
10.	Maintenance of plant for 5 years @ Rs. 30 per month		1,800	
	<b>Total estimated cost of creation and maintenance of 1 (one) sapling including fencing</b>		<b>3,015</b>	<b>Rs. 3,000 (Round off figure)</b>

**Abstract:**

S. No.	Description	Amount (Rs.)
A.	Cost of creation and maintenance of plantation (5 saplings) to be raised by Forest Department including the cost of fencing ( <b>Non-refundable</b> )	15,000
B.	Security deposit to ensure compensatory plantation by the applicant ( <b>refundable on successful compensatory plantation</b> ) i.) Cost of creation and maintenance of plantation (5 saplings) to be raised by Forest Department including the cost of fencing	15,000
	Total	30,000
11.(a)	Overheads/Administrative costs @ 10%	3000
(b)	Contingencies @5%	1500
	<b>Total amount to be realized from the applicant at the time of granting permission to fell a tree</b>	<b>34,500/-</b>

## ANNEXURE – II

### COMPENSATORY AFFORESTATION BUDGETING FOR PROJECTS

Sl. No.	Components of Work	Unit of Work	Rate (Rs. Per unit)	Amount in Rs.(for 1000 saplings per hectare)	Remarks
1.	Fencing	Meter	4,000	10,000	
2.	Removal of dead wood and dry bushes, and malba etc. and levelling	Hectare	25,000	25,000	-
	Uprooting of root stumps, weeds etc. and site preparation with good earth	Hectare	6,000	23,000	Site levelling for better soil moisture regime.
	Mechanical digging of pits.	Per pit	240	2,40,000	Procurement and good earth to the site
	Application of Chloro-pyro-phos and Gypsum for termite/ laterite treatment etc.	Hectare	7,500	7,500	Improvement of pH as alkalinity of soil is more than 8.
	Flooding the pit with water	Per pit	25	25,000	To assess the kankar pan formation below top soil.
	Treatment of pits with FYM (5 cft. per pit), Bone meal (5 kg. per pit) and neem cake (5 kg. per pit)	Per pit	25	25,000	
	Cost of saplings	Number	80	80,000	
	Transportation cost of saplings from nursery to the site		10	10,000	
	Irrigation during month		25	21,00,000	



	of planting and remaining months of the seven years of creation of plantation				
	FYM/ Neem Cake, bone meal and insecticide for 7 years		15	12,60,000	
3.	Casualty replacement in 2 <sup>nd</sup> and 3 <sup>rd</sup> year for 20% of the plantation			36,000	Due to weather extremes, diurnal variation, poor establishment of saplings, pest infections, etc.
4. a)	Watch and ward duty including monitoring and evaluation	Per sapling	12	10,08,000	
5.	Total estimated cost of creation and maintenance including fencing			49,49,500	<b>49,50,000 or say 50 lakh</b>
6.(a)	Overheads/ Administrative Expenses @ 10% of the total cost of plantation			4,94,950	<b>4,95,000</b>
(b)	Contingency @ 5%			2,47,475	<b>2,47,500</b>
7.	<b>Total amount to be realized from the Project Authority at the time of granting permission</b>			<b>56,91,925 or say 57 lakh</b>	<b>56,92,500</b>
8.	Amount to be realized for removal of 1 (one) tree by ' from Project Authority	For planting and maintenance of 10 saplings for 7 years		<b>57,000</b>	

**Abstract:**

S. No.	Description	Amount (Rs.)
A.	Cost of creation and maintenance of plantation (5 saplings) to be raised by Forest Department including the cost of fencing ( <b>Non-refundable</b> ).	<b>25,000</b>
B.	Security deposit to ensure compensatory plantation by the applicant ( <b>Refundable on successful compensatory plantation</b> ) i.) Cost of creation and maintenance of plantation (5 saplings) to be raised by Forest Department including the cost of fencing.	<b>25,000</b>
	Total	<b>50,000</b>
11.(a)	Overheads/Administrative costs @ 10%	<b>5,000</b>
(b)	Contingencies @ 5%	<b>2,500</b>
	<b>Total amount to be realized from the applicant at the time of granting permission to fell a tree.</b>	<b>57,500/- or say 57,000/-</b>