

**Full title of the Project:** Aerocity to Tughlakabad MRTS Corridor

**File no. :** F. no. 60/DCF(S)/Land/FCA/DMRC/2021-22

**Date of Proposal:** 29.08.2021

CHECK LIST SERIAL NUMBER: 17

“SCHEME FOR COMPENSATORY  
AFFORESTATION”

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 10.84 Ha forest area to be diverted for Aerocity to Tughlakabad MRTS Corridor in South & South East District.

**1. Details of non-forest land: -**

District- South West Delhi Sub District - Dwarka

Village- DhoolSiras

Tehsil- Kapashera

Name of Forest Division Range- West Forest Division

Block/ Compartment/ Survey No-39/1, 39/2/1, 39/2/2, 39/3  
(partly), 39/4 (partly), 39/5  
(partly), 39/6 (partly), 39/7  
(partly), 39/8, 39/9, 39/10,  
39/11, 39/12/1, 39/12/2,  
39/13, 39/14 (partly), 39/18,  
39/19, 39/20, 39/21, 39/22,  
39/23, 39/26, 39/27, 39/28,  
40/1 (partly), 40/10, 40/9/1,  
40/9/2, 40/8/1 (partly),  
40/8/2 (partly), 40/11/1  
(partly), 40/11/2 (partly),  
40/12, 40/13 (partly),  
40/14/2 (partly), 40/16  
(partly), 40/17 (partly),  
40/18, 40/19/1 (partly),  
40/19/2 (partly), 40/23,  
40/24/1, 40/27, 40/28, 43/1,  
43/2, 43/3, 43/4/1 (partly),  
43/8, 43/9, 43/10, 39/7/2  
(partly), 43/14/2 (partly),  
43/26, 44/5, 44/6

Area to be afforested- 9.14 Ha

2. **Description of the Area**

- I) Whether the site selected for Compensatory Afforestation is a land bank or not: Yes
- II) If the CA site is other than the land bank, reasons be given:
- III) In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: N/A
- IV) Soil type: Badampurmix
- V) Topography:
- (a) Hilly/ Undulating/ Plain - Plain
- (b) Slope: Steep / Medium/ Gentle - Gentle
- VI) Whether the area is bearing any root stock of vegetation:  
No

3. **Plantation model: -**

Copy of the approved Compensatory Afforestation Scheme/ Model showing component - wise physical and financial break up to be enclosed- annexed as annexure - 1

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

Details of year-wise break up of requirements of funds are as under: -:

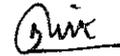
Year	Area in Ha.	Rate / Ha.
1 <sup>st</sup> Year	9.14	26959344.00
2 <sup>nd</sup> Year		6284664.00
3 <sup>rd</sup> Year		6284664.00
4 <sup>th</sup> Year		6284664.00
5 <sup>th</sup> Year		6284664.00
6 <sup>th</sup> Year		6284664.00
7 <sup>th</sup> Year		6284664.00
8 <sup>th</sup> Year		6284664.00
9 <sup>th</sup> Year		6284664.00
10 <sup>th</sup> Year		6284664.00
Supervision Charge	Including fencing, camp office, overhead tank and inspection path	8311355.00
Total	9.14	<b>91832675.00</b>

5.

**Technical details: -**

Technical details of Compensatory Afforestation Scheme are as follows: -

- a) General Details- Departmental plantation
- b) Spacing- 3ft. x 3ft.
- c) Species- Native
- d) Plantation Method- Block
- e) Soil and Moisture Conservation Works- Nil
- f) Protection (Fencing, Watchman, People's Participation etc.)  
– Fencing & Security Guard
- g) Proposed Monitoring Mechanism- Third Party Audit
- h) Any other information- Nil



Divisional Forests Officer  
South Forest Division

**MANDEEP MITTAL, IFS**  
**Deputy Conservator of Forests (South)**  
**Department of Forests & Wildlife**  
**Govt. of NCT of Delhi**  
**Near Dr. Karni Singh, Shooting Range**  
**Tughlakabad, Delhi**

**DETAILED COMPENSATORY AFFORESTATION SCHEME**

The estimated cost of the total expenditure of the CA Scheme on non-forest land is Rs. 9,18,32,675.00/- . The detailed CA scheme with type of work and their estimated cost is mentioned below:

**ABSTRACT OF COST**

No. of Items	CODE	Description of item	Qty	Unit	Rate	Amount
1	DPTA, 1994	Providing and planting 9140 of trees/shrubs as compensatory Afforestation, creation of plantation including manures and water maintenance for first 5 Years, also including fencing around the plantation pocket.	9140	Each	5700.00	52098000.00
2	DPTA, 1994	Maintenance of 9140 trees/shrubs as compensatory Afforestation for next 5 years from the date of plantation.	9140	Each	3438.00	31423320.00
3	DSR 2018	Construction of Camp Office with 10 ft. by 10 ft. dimensions.	1	Each	5,00,000.00	5,00,000.00
4	DSR 2018	Construction of Overhead tank above Camp office mentioned in item 2 With 100000 litres capacity.	100000	Litre	30.00	30,00,000.00
5	DSR 2018 Vol. 2 16.4	<b>Construction of Inspection Path:</b> Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density. [Length of inspection path- 3000 m, Width- 2 m, Depth- 0.25 m]	1,500	Cum	767.25	11,50,875.00
6	DSR 2018	<b>Fencing</b>	2976	metre	1230.00	3660480.00
<b>Total</b>						<b>9,18,32,675.00</b>

  
Deputy Conservator of Forests (South)  
Department of Forests & Wildlife  
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**1. Details of degraded forest land: -**

District- South Delhi Sub District - Saket

Village- Asola

Tehsil- Saket

Name of Forest Division Range- South Forest Division

Block/Compartment/Survey No.-1776 (Partly) & 1777 (Partly)

Area to be afforested- 3.51 Ha

**2. Description of the Area**

I) Whether the site selected for Compensatory Afforestation is a land bank or not: Yes

II) If the CA site is other than the land bank, reasons be given:

III) In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: N/A

IV) Soil type: Badarpurmix

V) Topography:

(a) Hilly/ Undulating/ Plain - Plain

(b) Slope: Steep / Medium/ Gentle - Gentle

VI) Whether the area is bearing any root stock of vegetation:  
No

**3. Plantation model: -**

Copy of the approved Compensatory Afforestation Scheme/ Model showing component - wise physical and financial break up to be enclosed- annexed as annexure - 1

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

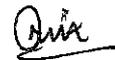
Details of year-wise break up of requirements of funds are as under: -:

Year	Area in Ha.	Rate / Ha.
1 <sup>st</sup> Year	3.51	807300.00
2 <sup>nd</sup> Year		631800.00
3 <sup>rd</sup> Year		631800.00
4 <sup>th</sup> Year		631800.00
5 <sup>th</sup> Year		631800.00
6 <sup>th</sup> Year		631800.00
7 <sup>th</sup> Year		631800.00
8 <sup>th</sup> Year		631800.00
9 <sup>th</sup> Year		631800.00
10 <sup>th</sup> Year		631800.00
Supervision Charge	Including fencing, camp office, overhead tank and inspection path	1964742.50
<b>Total</b>	<b>3.51</b>	<b>8458242.50</b>

5. **Technical details: -**

Technical details of Compensatory Afforestation Scheme are as follows: -

- a) General Details- Departmental plantation
- b) Spacing- 3ft. x 3ft.
- c) Species- Native
- d) Plantation Method- Block
- e) Soil and Moisture Conservation Works- Nil
- f) Protection (Fencing, Watchman, People's Participation etc.)  
– Fencing & Security Guard
- g) Proposed Monitoring Mechanism- Third Party Audit
- h) Any other information- Nil



Divisional Forest Officer

South Forest Division,  
Deputy Conservator of Forests (South),  
Department of Forests & Wildlife  
Govt. of NCT of Delhi  
Near Dr. Karni Singh, Shooting Range  
Tughlakabad, Delhi

**DETAILED COMPENSATORY AFFORESTATION SCHEME**

The estimated cost of the total expenditure of the CA Scheme on degraded forest land is Rs. 84,58,242.50/- . The detailed CA scheme with type of work and their estimated cost is mentioned below:

**ABSTRACT OF COST**

No. of Items	CODE	Description of item	Qty	Unit	Rate	Amount
1	Analyzed Rates	Providing and planting 3510 of trees/shrubs as compensatory Afforestation, creation of plantation including manures and water maintenance for first 5 Years, also including fencing around the plantation pocket.	3510	Each	950.00	3334500.00
2	Analyzed Rates	Maintenance of 3510 trees/shrubs as compensatory Afforestation for next 5 years from the date of plantation.	3510	Each	900.00	3159000.00
3	DSR 2018	Construction of Camp Office with 10 ft. by 10 ft. dimensions.	1	Each	5,00,000.00	5,00,000.00
4	DSR 2018	Construction of Overhead tank above Camp office mentioned in item 2 With 10000 litres capacity.	10000	Litre	30.00	300000.00
5	DSR 2018 Vol. 2 16.4	<b>Construction of Inspection Path:</b> Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density. [Length of inspection path- 500 m, Width- 2 m, Depth- 0.25 m]	250	Cum	767.25	191812.50
6	DSR 2018	<b>Fencing</b>	791	metre	1230.00	972930.00
<b>Total</b>						<b>84,58,242.50</b>



**WANDEEP MITTAL,**  
Deputy Conservator of Forests  
Department of Forests & Wildlife  
Govt. of NCT of Delhi  
Near Dr. Karni Singh, Shooting Range  
Tughlakabad, Delhi