

Muck Disposal plan & Certificate of project Authority

Name of the Project: Implementation of Delhi-Gurgaon-SNB corridor Regional Rapid Transit System (RRTS) - Submission of Muck disposal in hard copy regarding FCA online application on Parvesh Portal under Forest (Conservation) Act, 1980.

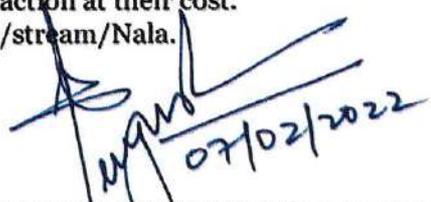
S No.	Particulars	Remarks
1	Calculation of Muck to be generated	This is to certify that in the Construction of RRTS viaduct, Delhi-Gurgaon-SNB corridor Regional Rapid Transit System (RRTS) near Sarai Kale Khan 11407 cubic meter muck is likely to be generated. A stabling yard is proposed at Jangpura where the generated muck will be utilized for the filling of depot/ stabling yard.
2	Quantity of muck to be utilized in the project activities	At Jangpura, complete quantity indicated in item no.1 above will be consumed.
3	Balance quantity of muck which requires disposal/management plan.	N.A.
4	Carriage of muck from muck generation site to the dumping site.	The carriage of muck from the muck generation to the Jangpura stabling yard and handling site will be arranged by the contractor.
5	Ownership of land and the consent of landowners in case muck disposal is proposed on non-forest land	N.A.
6	Development of dumping site- construction of retaining walls and other	N.A.
7	Photograph & carrying capacity of proposed dumping site (muck disposal site)	N.A.
8	Rehabilitation of dumping site like levelling, planting of grass, shrubs and tree species.	N.A.

Undertaking by user agency has to be given to the effect that:

- 1) Muck management plan will be implemented by user agency and in case of non-implementation of plan, they will be liable to penalty/action at their cost.
- 2) The proposed dumping site is located away from river/stream/Nala.

Place: Delhi

Date: 07/02/2022


07/02/2022
SIGNATURE OF USER AGENCY
PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd.
(A Joint Venture of Govt. of India & Participating State Govts.)

Office Seal

Subject: Justification for Locating the Project in Forest Land

1. Purpose of the Project

- i. The National Capital Region (NCR) is one of the largest Urban agglomerations in the world. It is a multi-state region with Delhi as its centre and covers an area of 58332 square km. It is spreading over four states of Haryana, Rajasthan, Uttar Pradesh and NCT of Delhi. NCR is a highly urbanised region (57%, 2001). It is also a high growth large investment region, consisting of several large and small cities with high movement of people and goods within the region.
- ii. The growing agglomeration of NCR accommodates a rapidly growing population of 4.6 Crores (2011 census) expected to grow to 6.3 crore by 2021. NCT- Delhi is pitted to be most populous city in the world in next 10 years among the megacities of the world. The rapidly growing population, along with high level of urbanization (NCT-Delhi: 97.5% & NCR: 62.5% in 2011) and increasing influx of people from the surrounding areas (in 2016, 33% of the population growth in NCT- Delhi was due to influx of migrant population), have led to high growth in transport demand in NCR.
- iii. The high growth in transport demand in NCR has led to increased congestion on roads due to rise in private transport. Increased congestion on road has further led to high cost and long hours of journey, high consumption of fossil fuel and unprecedented increase in environmental pollution.
- iv. Air quality in Delhi/NCR particularly in winter months ranges from a serious to alarming primarily due to pollution from vehicular and stubble burning. As per a study EPCA, the levels of particulate matter (PM10 & PM2.5) in NCR are around 4-7 times higher than the national air quality standards with vehicular pollution as the second largest and most consistently contributing source.

2. Objective of Regional Rapid Transit System (RRTS):

To promote sustainable and balanced growth in National Capital Region the NCR Planning Board prepared a "Functional plan on transport for National Capital Regio-2032", which recommended development of multimodal transport system for NCR with special emphasis on dedicated rail based high-speed, high-frequency Regional Rapid Transit System RRTS for connecting regional centres in NCR.

RRTS is a rail-based high speed, high frequency Regional commuter transit system connecting metro polytan and big cities and towns and urban nodes across the National Capital region and is one of the key strategic interventions of Government to empower citizens through excess to education, healthcare, environment and economic opportunities. It addresses the issues of hazardous air pollution, severe congestion and unmanageable urban sprawl on a sustainable basis as it offers a faster, safer, more reliable and energy efficient mobility solution.

The erstwhile planning commission of India (now NITI Aayog) appointed a task force (in the year 2006) under the chairmanship of secretary erstwhile Ministry of Urban Development (now Ministry of Housing and Urban Affairs), which identified 8 corridors and prioritized three corridor, Delhi-Panipat, Delhi-Alwar and Delhi-Meerut for implementation in the Phase-1 of RRTS.

The three prioritized RRTS projects are 'Comprehensive Action Plan' (CAP) for air pollution control in Delhi and NCR and the recommendations of "High Powered Committee on the decongesting traffic in Delhi". Considering the sustainable economic benefit of the project, all the three projects have been included in National Infrastructure pipeline (NIP), recently

[Signature]
PRAYUSH SRIVASTAVA
 Deputy Chief Engineer/Civil
 National Capital Region Transport Corporation Ltd
A Joint Venture of Govt. of India & Participating State Govts

[Handwritten Signature]

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

length is about 36 km (almost entire route length in Delhi is Underground) and balance 70 Km is elevated. The alignment has been finalised keeping in view geometry required for highspeed trains which does not permit sharp curves and multi modal integration with other modes of Traffic for commuters' convenience, availability of land etc.

5. Area under proposed construction:

Total length of phase-I i.e. Delhi-Gurugram-SNB corridor is 107 Km. and having 16 Stations. (Total 4 in Delhi including SKK and remaining in Haryana and Rajasthan) Out of the entire length, 74.60 Km. is elevated (In Haryana & Some portion in Rajasthan) & 32.40 Km is underground (17.90Km. in Delhi & 14.50Km. in Haryana) Entire Delhi portion has been planned underground, Since it is passing through Zoological Garden, Archaeological Monuments and VIP's residences etc., The entire route is designed for a maximum speed of 180 Km/h and the operating speed will be 160 Km/h average speed (including all the stops) will come around 100 Km/h.

The Delhi-Gurugram-SNB RRTS corridor starts from Sarai Kale Khan Station in Delhi. The corridor will pass through areas of INA, Munirka & Aerocity in Delhi and Udyog Vihar, Sector 17, Rajeev Chowk etc in Gurugram and terminates at SNB (Behror Rajasthan) . A stabling line alignment originating from Sarai Kale Khan and terminating at Stabling Yard Complex at Jangpura.

6. Status of the land under consideration

Land parcel measuring 12 Hectares at Jungpura has been allotted to NCRTC by L&DO, MoHUA which was previously allotted to Hindustan Prefab Limited. After making due payment, physical possession of the land has been taken over. The area has a number of old & abandoned factory sheds. This plot is landlocked from all the sides and doesn't have any proper approach. Accordingly, two approaches have been planned one from elevated road from Ring Road and other below Mathura Road from Mathura Road side. These approaches have already been approved by UTTIPEC, headed by Hon'ble LG, NCT of Delhi.

7. Possession details of land under consideration

The proposed construction in the land parcel comprises essential functional infrastructure for RRTS corridor such as Stabling Yard, Operation and Control Centre, terminal RRTS station, residential towers and office complex etc.

8. Certificate from the competent Authority that no alternative site is available

RRTS is a highly capital intensive public funded infrastructure project. The likely completion cost of Delhi-Gurugram-SNB RRTS corridor is Rs 37,987 Cr. The above project is planned to be implemented in a tight schedule of six years and the cost of each days delay is to the tune of Rs 4 Crores. For adhering to the above time schedule, it is necessary that clearances from various authorities are available in a timely manner.

In view of the above, to achieve the objective of an efficient, safe and reliable regional rail transit system and in view of various benefits enumerated above stabling yard at Jangpura New Delhi is necessary and justified for implementation of Delhi - Gurugram - SNB RRTS

corridor.
PEEYUSH SINGH TAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd
(A Joint Venture of Govt of India & Participating State Govts)



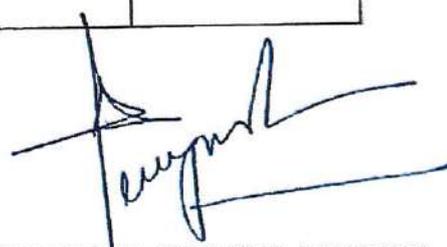
MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

Full title of the project: Delhi-SNB RRTS Corridor

Name of Project: - DELHI-SNB RRTS CORRIDOR

Forest Land Area Calculation- DCF South					
Required land for RRTS corridor	Name of Village in which the land fall	Length (m)	Breadth (m)	Area (sqm)	Remarks
Aliganj (Jangputa)	Aliganj (Jangputa)	-	-	12820	The land is irregular in shape. Hence, area work out by AutoCAD software by polyline
Sub Total				12820	
Or say hectare				1.282 Ha	

Aliganj


SIGNATURE OF USER AGENCY

Place: Delhi

Date

16/11/2027

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd
(A Joint Venture of Govt of India & Participating State Govts.)
Office Seal

Full title of the project: Delhi-GURUGRAM-SNB RRTS Corridor

Proposal no. FP/DL/RAIL/149368/2021

Proposal Date: 16/11/2021

CHECK LIST NUMBER-06

STATEMENT SHOWING DETAILS OF FOREST AREA INVOLVED IN THE PROPOSAL VILLAGE WISE BREAKUP

S.No	District	Division	Range/Tehsil Village	Forest Area involved in the proposal (Ha.)	Present Landmark use	Remarks
3	South East	DCF South	Aliganj (Jangpura)	1.282	RRTS alignment north of Mathura Road	Map enclosed
Total				1.282		

[Handwritten Signature]

[Handwritten Signature]
SIGNATURE OF USER AGENCY

Place: Delhi

Date: 16/11/2021

Countersigned-

[Handwritten Signature]

Divisional Forest Officer
North/South Forest Division

Official Seal

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

Office Seal
DEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd.
(A Joint Venture of Govt. of India & Participating State Govts.)

Full title of the project: Delhi-SNB RRTS Corridor

Proposal No: F7/DL/RAIL/249368/2021

Proposal Date: 16/11/2021

CHECK LIST 7

STATEMENT SHOWING DETAILS OF FOREST AND NON-FOREST AREA INVOLVED
IN THE PROPOSAL DISTRICT WISE BREAKUP

S.No	District	Division	Forest Area involved in the proposal (Ha.)	Non-Forest Area involved in the proposal (Ha.)	Remarks
1	South East	DCF South	1.282 Ha	1.271 Ha	
2	South	DCF South	Nil	0 Ha	

D. Bhandari

[Signature]

SIGNATURE OF USER AGENCY

Place: Delhi

Date 16/11/2021

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd
(A Joint Venture of Govt of India & Participating State Govts)

Office Seal

[Signature]

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

Name of Project: DELHI-GURUGRAM-SNB RRTS CORRIDOR

Proposal No: FP/DL/RAIL/149368/2021

Proposal Date: 16/11/2021

CHECK LIST

UNDERTAKING FOR USE OF FOREST LAND

National Capital Region Transport Corporation Ltd., the user agency hereby undertakes that, we will not use the Diverted Forest Land for other activity/purpose except construction of Delhi section of DELHI -GURUGRAM- SNB RRTS CORRIDOR. It is further stated that we will not use the Diverted Forest Land for other activity/purpose other than mentioned in diversion proposal.



SIGNATURE OF USER AGENCY

Place: Delhi

Date 16/11/2021

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd
(A Joint Venture of Govt. of India & Participating State Govts.)

Office Seal

Full title of the project: Delhi-GURUGRAM-SNB RRTS Corridor

Proposal No: FP/DL/RAIL/149368/2021

Proposal Date: 16/11/2021

CHECK LIST Number-10

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved in the proposal is unavoidable and barest minimum forest i.e. 12820 sqm or say 1.282 Ha which is proposed for diversion.

Delhi

SIGNATURE OF USER AGENCY

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd
(A Joint Venture of Govt of India & Participating State Govts)

Place: Delhi

Date 16/11/2021

Office Seal

Countersigned-

Mandeep Mittal

Divisional Forest Officer
North/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

Official Seal

Full title of the project: Delhi-SNB RRTS Corridor

Proposal No: FP/44/RAIL/149368/2021

Proposal Date: 16/11/2021

CHECK LIST Number-11

UNDERTAKING FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION

I, Peeyush Srivastava, Deputy Chief Engineer/NCRTC hereby undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for the Construction of DELHI -GURUGRAM- SNB RRTS CORRIDOR along WITH ALL TREES as per prevailing wage rates at the time of undertaking the plantation activities.

Deborah

Peeyush Srivastava

SIGNATURE OF USER AGENCY

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd.
(A Joint Venture of Govt. of India & Participating State Govts.)

Place: Delhi

Date: 16/11/21

Office Seal

Countersigned-

Mandeep Mittal

Divisional Forest Officer
North/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

Official Seal _____

Full title of the project: Delhi-GURUGRAM-SNB RRTS Corridor

Proposal No: FP/DL/RAIL/199368/2021

Proposal Date: 16/11/2021

CHECK LIST Number-12

UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA

It is to certify that I/We, National Capital Region Transport Corporation Ltd. have applied for the diversion of 1.282 Ha of forest area for the purpose of CONSTRUCTION OF DELHI - GURUGRAM - SNB RRTS CORRIDOR. I/We, hereby, undertake to pay the net present value (NPV) of the above forest land.

Delhi

[Signature]

SIGNATURE OF USER AGENCY

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd.
(A Joint Venture of Govt. of India & Participating State Govts.)

Place: Delhi

Date 16/11/21

Office Seal

Countersigned-

[Signature]

Divisional Forest Officer
North/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

Official Seal _____

Divisional Forest Officer
North/South Forest Division
Department of Forests & Wildlife
Govt. of NCT of Delhi
Near Dr. Karni Singh, Shooting Range
Tughlakabad, Delhi

40

Name of Project: DELHI-GURUGRAM-SNB RRTS CORRIDOR
Proposal No: FP/DL/PAIL/149368/2021
Proposal Date: 16/11/2021

CHECK LIST
UNDERTAKING FOR USE OF FOREST LAND

National Capital Region Transport Corporation Ltd., the user agency hereby undertakes that, we will not use the Diverted Forest Land for other activity/purpose except construction of Delhi section of DELHI -GURUGRAM- SNB RRTS CORRIDOR. It is further stated that we will not use the Diverted Forest Land for other activity/purpose other than mentioned in diversion proposal.

Delhi


SIGNATURE OF USER AGENCY

Place: Delhi

Date 16/11/2021.

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd
(A Joint Venture of Govt. of India & Participating State Govts.)

Office Seal

Full title of the project: Delhi-SNB RRTS Corridor

Proposal No: *FP/DL/RAL/149868/2021*

Proposal Date: *16/11/2021*

CHECK LIST

STATEMENT SHOWING DETAILS OF FOREST AND NON-FOREST AREA INVOLVED
IN THE PROPOSAL DIVISION WISE BREAKUP

S.No	Division	Forest area involved in the proposal (Ha.)	Non- Forest area involved in the proposal (Ha.)	Remarks
1	DCF South	1.282 Ha	1.271 Ha	

Dehanch


SIGNATURE OF USER AGENCY

Place: Delhi

Date *16/11/2021*

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd
(A Joint Venture of Govt. of India & Participating State Govts.)

Office Seal

Full title of the project: Delhi-GURUGRM-SNB RRTS Corridor

Proposal No: FP/DL/RAIL/149368/2021

Proposal Date: 16/11/2021

CHECK LIST

STATEMENT SHOWING DETAILS OF NON-FOREST AREA FOR COMPENSATORY
AFFORESTATION

S. No	District	Division	Range/Tehsil Village	Non-Forest Area involved in the proposal (Ha.)	Present Landmark use	Remarks
1	2	3	4	5	6	7
1	South East	DCF South	Sarai Kale Khan - Kilokari	1.271 Ha		

Deborah

[Signature]
SIGNATURE OF USER AGENCY

Place: Delhi

Date 16/11/2021

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd.
(A Joint Venture of Govt. of India & Participating State Govts.)

Office Seal

Proposal No:

Proposal No: FP/DL/RAIL/149368/2021

Proposal Date: 16/11/2021

CHECK LIST Number-16

Location Map

Location map of non- forest/degraded forest area identified for compensatory afforestation in lieu of the proposal for diversion of 1.282 Ha of forest land for compensatory afforestation in South West district of Delhi.

STATEMENT SHOWING DETAILS OF NON-FOREST AREA FOR COMPENSATORY AFFORESTATION

S. No	District	Division	Range/Tehsil Village	Khasra/Survey or Compartment Number of km. Stone	Non-Forest Area involved in the proposal (Ha.)	Present Landmark use	Remarks
1	2	3	4	5	6	7	8
1	South West	DCF South	Dwarka Sector 29		1.271 Ha		Land measuring 15 Ha allocated vide letter no. F.32/(05)/21/IL/1867 dated 22/06/21 (copy enclosed)

Map attached of the area to be taken for compensatory afforestation

Dehresh

Am

Proposal No:

Proposal Date:

Divisional Forest Officer

..... Forest Division

MANDEEP MITTAL, IFS

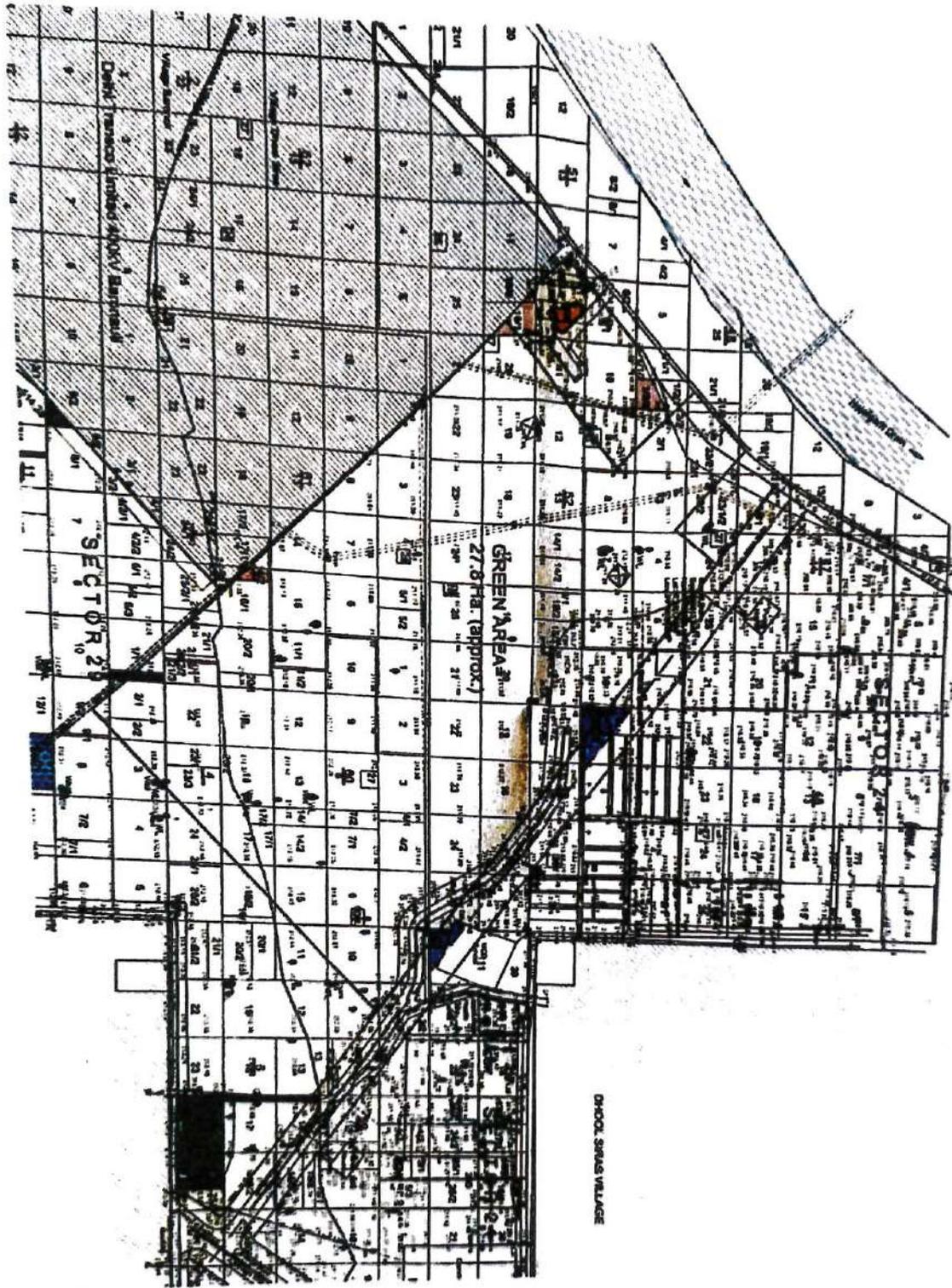
Deputy Conservator of Forests (South)

Department of Forests & Wildlife

Govt. of NCT of Delhi

Near Dr. Karni Singh, Shooting Range

Tughlakabad, Delhi



[Handwritten signature]

[Handwritten signature]

26

CHECK LIST

UNDERTAKING FOR NO CHANGES IN STATUTORY POSITION OF DIVERTED FOREST LAND

National Capital Region Transport Corporation Ltd, the user agency hereby undertakes that, we will not change the statutory position of Diverted Forest Land during construction of Delhi section of DELHI – GURUGRAM--SNB RRTS CORRIDOR. It is further stated that there will not be any change in statutory position of Diverted Forest Land.

Delhi



SIGNATURE OF USER AGENCY

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd.
(A Joint Venture of Govt. of India & Participating State Govts.)

Place: Delhi

Date 16/11/21

Office Seal

Full title of the project: Delhi-GURUGRAM-SNB RRTS Corridor

Proposal No: FP/DL/RAIL/149368/2021

Proposal Date: 16/11/2021

CHECK LIST Number-12

UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA

It is to certify that I/We, National Capital Region Transport Corporation Ltd. have applied for the diversion of 1.282 Ha of forest area for the purpose of CONSTRUCTION OF DELHI - GURUGRAM - SNB RRTS CORRIDOR. I/We, hereby, undertake to pay the net present value (NPV) of the above forest land.

Delhi

[Signature]
SIGNATURE OF USER AGENCY

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd.
(A Joint Venture of Govt. of India & Participating State Govts.)

Place: Delhi

Date 16/11/21

Office Seal

Countersigned-

[Signature]

Divisional Forest Officer
North/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
Official Seal _____

Name of Project: - DELHI-GURUGRAM-SNB RRTS CORRIDOR

Non-Forest Land Area Calculation- DCF South					
Required land for RRTS corridor	Name of Village in which the land fall	Length(m)	Breadth(m)	Area (Ha)	Remarks
Jangpura	Sarai Kale Khan	-	-	0.246	
	Kilokari	-	-	1.025	
Sub Total				1.271	
Or say hectare				1.271	

Delhonda

[Signature]
SIGNATURE OF USER AGENCY

Place: Delhi
Date 16/11/2027

PEEYUSH SRIVASTAVA
Deputy Chief Engineer/Civil
National Capital Region Transport Corporation Ltd.
(A Joint Venture of Govt. of India & Participating State Govts.)

Office Seal

GOVERNMENT OF NCT OF DELHI
DEPARTMENT OF FORESTS & WILDLIFE
OFFICE OF DEPUTY CONSERVATOR OF FORESTS(SOUTH)
NEAR DR. KARNI SINGH SHOOTING RANGE
TUGHLAKABAD, NEW DELHI- 110044.

F. No. 66/DCF(S)/Land/FCA/NCRTC/ 2021-22/ 23795-99

Dated: 7/2/22

To,

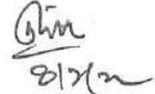
The Deputy Conservator of Forests (West)
Office of the Deputy Conservator of Forests (West)
Mandir Marg Lane
New Delhi – 110060.

Sub: Regarding verification of CA land provided by NCRTC against the FCA Proposal no. FP/DL/RAIL/149368/2021.

Sir,

It is to inform that an FCA proposal no. FP/DL/RAIL/149368/2021 for the construction of Delhi- Gurugram- SNB corridor is under process in South Forest Division. A patch of 1.282 Ha for CA has been provided by user agency in lieu of the above diversion in village Dhoolsiras, Dwarka. Since the location of CA land is in your jurisdiction, so you are hereby requested to kindly check and verify whether this CA land is falling in Protected/Deemed Forest as per affidavit of RK Goel or any other notifications. A map of CA land with Geo-coordinates has been enclosed herewith this letter.

Yours faithfully



Dy. Conservator of Forests
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

Enclosed as above:

Copy to:

1. The Principal Chief conservator of Forests/HOD, Department of Forests and Wildlife, GNCTD, 2nd Floor, A –Block, Vikas Bhawan, I.P. Estate; New Delhi-110002, for kind information.
2. The Chief Conservator of Forests/Nodal Officer, Department of Forests and Wildlife, GNCTD, 2nd Floor, A –Block, Vikas Bhawan, I.P. Estate, New Delhi-110002, for kind information.
3. The Conservator of Forests, Department of Forests and Wildlife, GNCTD, 2nd Floor, A –Block, Vikas Bhawan, I.P. Estate, New Delhi-110002, for kind information.
4. The Chief Project Manager/Delhi, National Capital Region Transport Corporation, Gati Shakti Bhawan, INA, Near Vikas Sadan, New Delhi – 110023, for kind information.


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

GOVT OF NCT OF DELHI
DEPARTMENT OF FOREST AND WILDLIFE
OFFICE OF THE DY. CONSERVATOR OF FOREST (WEST)
WEST FOREST DIVISION, MANDIR LANE, NEW DELHI-60

F.2 (210)/DCF (W)/Misc/2019-20/ 8155- 58

Dated 10-02-2022

To,

The DCF (South),
Tughlakabad New Delhi

Sub: Regarding verification of CA land provided by NCRTC against the FCA proposal no. FP/DL/RAIL/149368/2021

Sir,

Please refer to the letters received in this office regarding verification of 1.282 Ha land provided by NCRTC at Dhool Siras village for verification. In this regard it is to inform that the said location was verified by the staff and it has been informed vide letter No-9235 dated 10/02/2022 that the said land is not the part of the land which has been included as Protected Forest in the affidavit of the Conservator of Forests. The exact location mentioned in the affidavit is between Pochanpur and Dhool Siras village, however the land of 1.282 Ha is situated away from this particular location.

Yours faithfully


DY. CONSERVATOR OF FORESTS
(WEST FOREST DIVISION)

Copy To:

1. The PCCF/HOD, Department of Forest & Wildlife, GNCTD, 2nd Floor, Vikas Bhawan, I.P. Estate, New Delhi for kind information
2. The C.F, Department of Forest & Wildlife, GNCTD, 2nd Floor, Vikas Bhawan, I.P. Estate, New Delhi for kind information.
3. The DRO, Najafgarh for information.


DY. CONSERVATOR OF FORESTS
(WEST FOREST DIVISION)

Full title of the Project: Delhi-Gurugram-SNB RRTS Corridor

File no. : F. no. 66/DCF(S)/Land/FCA/NCRTC/2021-22

Date of Proposal: 16.11.2021

CHECK LIST SERIAL NUMBER: 17

“SCHEME FOR COMPENSATORY
AFFORESTATION”

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 1.282 Ha, forest area to be diverted for Delhi-Gurugram-SNB RRTS Corridor in South East District.

1. Details of degraded forest land/non forestland:-

District- South West Delhi Sub District - Dwarka

Village- DhoolSiras

Tehsil- Kapashera

Name of Forest Division Range- West Forest Division

Block/ Compartment/ Survey No- 60//10 part, 60//1 part, 60//2 part, 60//11/1 part, 53//22 part, 53//18 part, 53//19 part, 53//13 part, 61//15 part, 110 part

Area to be afforested- 1.282 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:
2.03 Km

IV) Soil type : Loamy soil

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:-:

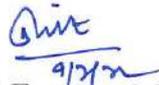
Year	Area in Ha.	Rate / Ha.
1 st Year	1.282	37,26,004.80
2 nd Year		8,95,348.80
3 rd Year		8,95,348.80
4 th Year		8,95,348.80
5 th Year		8,95,348.80
6 th Year		8,95,348.80
7 th Year		8,95,348.80
8 th Year		8,95,348.80
9 th Year		8,95,348.80
10 th Year		8,95,348.80
11 th Year		8,95,348.80
Supervision Charge	Including fencing, camp office, overhead tank and inspection path	22,80,267.50
Total	1.282	1,49,59,760.30

3. 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 is Rs. 1,49,59,760.30. 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 1282 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.	1282	Each	5700.00	73,07,400.00
2	DPTA, 1994	Maintenance of 1282 trees/shrubs as compensatory Afforestation for next 6 years from the date of plantation.	1282	Each	4,190.40	53,72,092.80
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 20,000 litres capacity.	20000	Litre	30.00	6,00,000.00
5	DSR 2018 Vol. 2 16.4	Construction of Inspection Path: 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- 300 m, Width- 2 m, Depth- 0.25 m]	150	Cum	767.25	1,15,087.50
6	DSR 2018	Fencing [Length of inspection path- 300 m, Width- 2 m, Depth- 0.25 m]	866	metre	1230.00	10,65,180.00
Total						1,49,59,760.30

MANDEEP MITTAL, IFS
Deputy Conservator of Forests (South)

Department of Forests & Wildlife

Govt. of NCT of Delhi

Near D^y Karni Singh, Shooting Range

Tughlakabad, Delhi

4172

Species Wise Complete Enumeration of Trees From ch: 1170 to 1800 in the Proposed Area of DCF (South)

S.No.	Botanical Name (scientific)	Common Name of tree	Girth Class in Metre						Total
			0-0.30	0.31-0.60	0.61-0.90	0.91-1.20	1.21-1.50	1.51-2.3	
1	Vachellia nilotica	Kikar	10	5	0	3	2	0	20
2	Morus Nigra	shahtoot	14	6	11	5	0	0	36
3	Cassia fistula	Amaltash	3	3	2	0	0	1	9
4	Ziziphus mauritiana	Ber	2	3	0	0	0	1	6
5	Dalbergia Sissoo	SHISHAM	2	1	0	1	1	0	5
6	Ficus Religiosa	Pipal	3	4	2	3	1	9	22
7	Azadirachta indica	Neem	7	2	8	1	3	1	22
8	Pithecellobium dulce	Jungle Jalebi	3	4	5	3	1	2	18
9	Holoptelea Integrifolia	Papri	8	1	0	2	0	0	11
10	Albizia lebbeck	Siras	99	46	4	5	1	0	155
11	Melia Azedarach	Bakayan	0	1	2	3	2	0	8
12	Bombax Ceiba	SHEMAL	1	1	0	0	0	0	2
13	Mangifera indica	Aam	1	0	0	0	1	1	3
14	Psidium	AMRUD	9	4	2	0	0	0	15
15	Saraca asoca	ASHOKA	29	0	0	1	0	0	30
16	Ficus benghalensis	BARGAD	0	0	0	0	0	1	1
17	Aegle marmelos	BELPATTAR	0	0	1	0	0	0	1
18	Callistemon	BOTAL BRUSH	0	0	1	0	0	0	1
19	Bougainvillea	Bougainvillea	1	0	0	0	0	0	1
20	Ficus benjamina	FICUS	1	2	0	0	0	0	3
21	Ficus racemosa	GULAR	0	1	0	0	0	0	1
22	Delonix regia	GULMOHAR	0	0	0	0	1	0	1
23	Tamarind	IMLI	2	0	0	0	0	0	2
24	Syzygium cumini	JAMUN	2	3	1	0	4	2	12
25	Murraya koenigii	KADI PATTA	1	0	0	0	0	0	1
26	Cascabela thevetia	KANER	3	0	0	0	0	0	3
27	Madhuca longifolia	MAHUA	0	0	0	0	0	2	2
28	Citrus limon	NEEBU	7	2	0	0	0	0	9
29	Ficus virens	PAKKAD	0	0	1	0	0	0	1
30	Arecaceae	PAM	0	1	1	0	0	0	2
31	Ficus virens	PILKHAN	0	2	0	0	0	0	2
32	Eucalyptus globulus	SAFEDA	0	0	0	1	0	1	2
33	Citrus X sinensis	SANTRA	1	0	0	0	0	0	1
34	Annona squamosa	SHARIFA	0	1	0	0	0	0	1
Total Girth wise			209	93	41	28	17	21	
Total No. of trees									409

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

(Handwritten signature)
 28/1/2017

(Handwritten signature)
 AEN/451