

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana.

Proposal No. : FP/HR/ROAD/48568/2020

Date of Proposal: 10 August 2020

CHECK LIST SERIAL NUMBER - 04

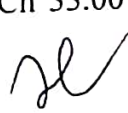
DETAIL NOTE ON THE PROJECT


The Ministry of Road Transport and Highways (MoRTH), Government of India has proposed "Bharat Mala Pariyojana" an Umbrella scheme of road development project through National Highways Authority of India (NHAI), National Highway, Industrial Development Corporation Ltd (NHIDCL) and State Public Works Departments (PWD). This is the second largest highways construction project in the country after NHDP, where in most 50,000 km of roads are targeted to construct across the country. This project aims to improve connectivity particularly on economic corridors, border areas and to remote areas with an aim of rapid and safe movement of cargo to boost exports. International trade is considered as a key aspect in this scheme and North Eastern states have been given special focus.

In pursuance of the above, SA Infrastructure Consultants Pvt. Ltd., Noida has been appointed as Consultants to carry out the Consultancy Services for Preparation of DPR for development of Economic Corridor, Inter Corridors and Feeder Routes to improve the efficiency of freight movement in India under Bharatmala Pariyojana (Lot-4/Package-1) section in the state of Delhi and Haryana (DND-Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodra Expressway KMP-Interchange).

Project stretch falls in the State of Delhi and Haryana, which is situated in the northern part of India. Delhi, officially the National Capital Territory of Delhi (NCT), is a city and a Union Territory of India. It is bordered by Haryana on three sides and by Uttar Pradesh to the east. The NCT covers an area of 1,484 square kilometres. It is connected to other parts of India by five National Highways: NH 44, NH 19 (Old NH 2), NH 75 (Old NH 1), NH 9 & NH 24 and some important Pillars of Delhi's Road Infrastructures like- Inner Ring Road, Outer Ring Road, Delhi Noida Direct DND flyover, Delhi Gurugram Expressway, Delhi Faridabad skyway etc.

Proposed road Starting Ch. 0+000 takes off from DND Maharani Bagh and end at Ch. 59.063 at Junction near KMP Expressway with NH-148NA Delhi-Vadodara Expressway section of NH-148NA. The Design length of project road is 59.063 Km. Project stretch is divided into 3 packages. PKG-I from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148NA (Design Ch 0.000 to 9.000) in the NCR of Delhi, PKG-II from Junction Jaitpur-Pushta Road to Junction Sec-62/65 road on Faridabad-Ballabhgarh Bypass Section of NH-148NA (Design Ch 9.00 to 33.00) including spur from Design Ch 13.200 to Junction NH19 near Badarpur Border and PKG-III from Junction with Sec-62/65 dividing road Faridabad-Ballabhgarh Bypass to Junction near KMP Expressway with NH-148NA Delhi-Vadodara Expressway Section of NH-148NA (Design Ch 33.00 to 59.063) in the State of Haryana.


Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)


By. Conservator of Forests
Faridabad

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana.


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CHECK LIST SERIAL NUMBER - 05

Map of the project Site/forest area required clearly showing forest Boundaries and adjoining areas with their land use in distinct colors in 1:50000 or any suitable scale on original Survey of India toposheet

Map of the project Site/forest area required clearly showing forest Boundaries and adjoining areas with their land use in distinct colors in 1:50000 or any suitable scale on original Survey of India toposheet for Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana has been attached.


Dy. Conservator of Forests
Faridabad


Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana.


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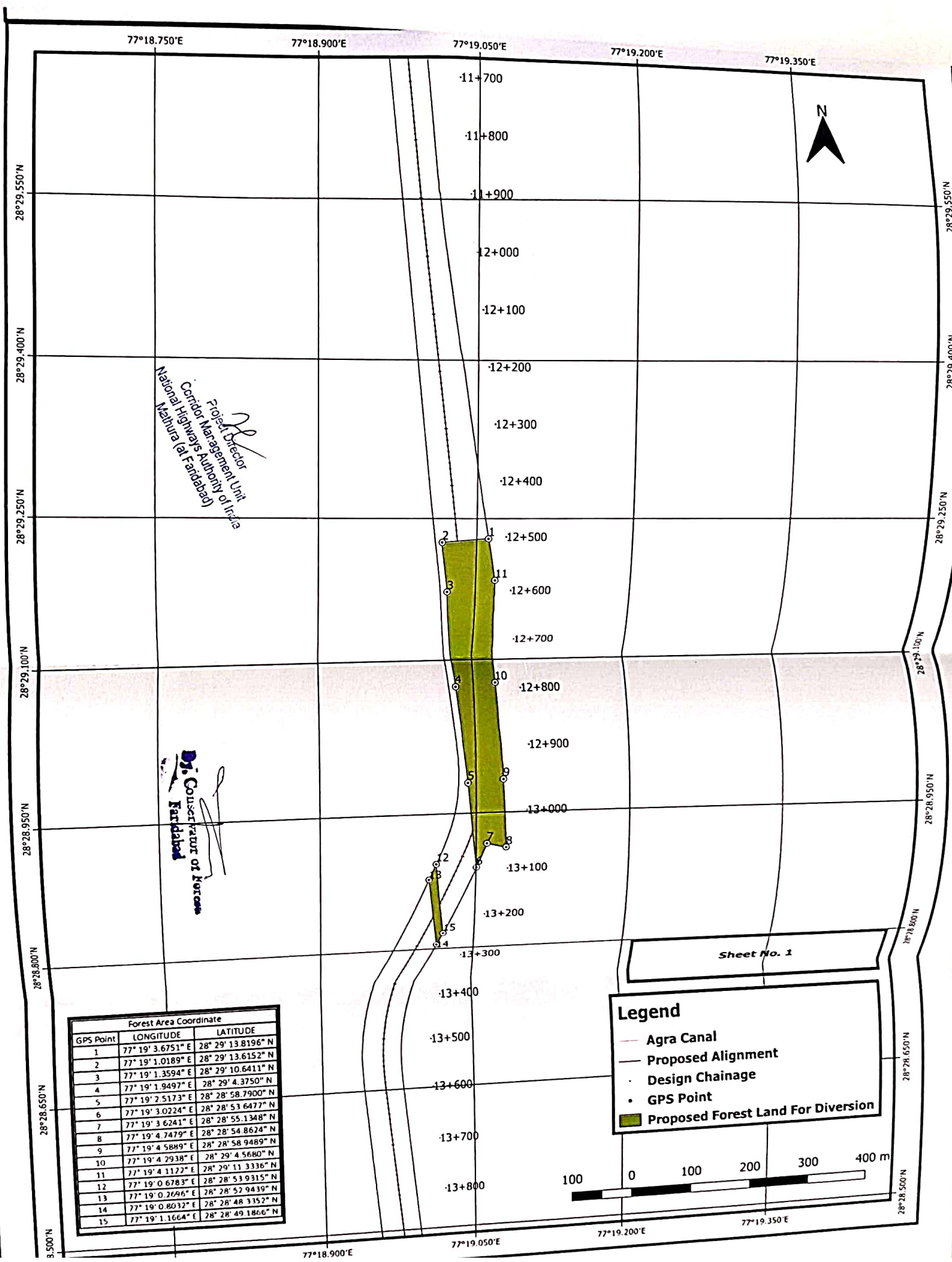
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DGPS map for the forest area demanded for diversion (In case of linear diversion of forest land, linear map or a diagrammatic map of the project site)

DGPS and Layout maps for the forest area demanded for diversion (linear map or a diagrammatic map of the project site) for Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana has been attached.


Dy. Conservator of Forests
Faridabad


Project Director
Corridor Management Unit
Signature of User Agency
National Highways Authority of India
Mathura (Faridabad)



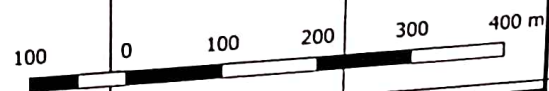
Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Dy. Conservator of Forests
Mathura

Forest Area Coordinate		
GPS Point	LONGITUDE	LATITUDE
1	77° 19' 3.6751" E	28° 29' 13.8196" N
2	77° 19' 1.0189" E	28° 29' 13.6152" N
3	77° 19' 1.3594" E	28° 29' 10.6411" N
4	77° 19' 1.9497" E	28° 29' 4.3750" N
5	77° 19' 2.5173" E	28° 28' 58.7900" N
6	77° 19' 3.0224" E	28° 28' 53.6477" N
7	77° 19' 3.6241" E	28° 28' 55.1348" N
8	77° 19' 4.7479" E	28° 28' 54.8624" N
9	77° 19' 4.5849" E	28° 28' 58.9489" N
10	77° 19' 4.2938" E	28° 29' 4.5680" N
11	77° 19' 4.1127" E	28° 29' 11.3336" N
12	77° 19' 0.6783" E	28° 28' 53.9315" N
13	77° 19' 0.2696" E	28° 28' 52.9439" N
14	77° 19' 0.8012" E	28° 28' 48.3352" N
15	77° 19' 1.1664" E	28° 28' 49.1866" N

Legend

- Agra Canal
- Proposed Alignment
- Design Chainage
- GPS Point
- Proposed Forest Land For Diversion



Sheet No. 1

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4 Package-1) in state of Haryana.


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CHECK LIST SERIAL NUMBER-07

STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

S. No.	District	Division	Range/ Tehsil/ Village	Khasra/ Survey or Compartment Number or KM. Stone	Forest Area proposed for Diversion (Ha.)	Legal status of Forest Area	Remarks
1	2	3	4	5	6	7	8
1	Faridabad	Faridabad	Faridabad	12+500 - 13+330	3.9	Protected Forest	
2	Total				3.9		


Dy. Conservator of Forest
Faridabad


Project Director
Comod Management Unit
National Highways Authority of India
Mathura (at Faridabad)

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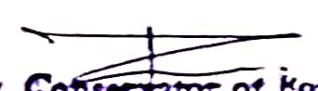
Proposal No. : FP/HR/ROAD/48568/2020


Date of Proposal: 10 August 2020

CHECK LIST SERIAL NUMBER - 08

STATEMENT SHOWING DETAILS OF NON - FOREST AREA INVOLVED IN THE PROPOSAL

S. No.	District	Division	Range/ Tehsil/ Village	Khasra/ Survey or Compartment Number or KM. Stone	Non- forest area involved in the proposal (Ha)	Present Land Use	Remarks
1	2	3	4	5	6	7	8
1	Faridabad	Faridabad	Faridabad	12+500 - 13+330	2.3	Urban Settlement	
2	Total				2.3		


By. Conservator of Forests
Faridabad


Project Director
Corridor Management Unit
National Highways Authority of India
(Faridabad)
Signature of User Agency

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CHECK LIST SERIAL NUMBER – 10

JUSTIFICATION FOR LOCATING THE PROJECT IN PROTECTED FOREST AREA

The Ministry of Road Transport and Highways (MoRTH), Government of India has proposed "Bharat Mala Pariyojana" an Umbrella scheme of road development project through National Highways Authority of India (NHAI), National Highway, Industrial Development Corporation Ltd (NHIDCL) and State Public Works Departments (PWD). This is the second largest highways construction project in the country after NHDP, where in almost 50,000 km of roads are targeted to construct across the country. This project aim to improve connectivity particularly on economic corridors, border areas and to remote areas with an aim of rapid and safe movement of cargo to boost exports. International trade considered as a key aspect in this scheme and North eastern states have been given special focus.

In pursuance of the above the Ministry of Road Transport and Highways (MoRTH)/ National Highways Authority of India (NHAI) have decided to Construction of 6 Lane access controlled Highway from DND Maharani Bagh to Junction with Jaitpur-Pushta Road Section of NH-148NA (Design Ch 0.000 to 9.000) in the NCR of Delhi (PKG-I), PKG-II from Junction Jaitpur-Pushta Road to Junction Sec-62/65 road on Faridabad-Ballabhgarh Bypass of NH-148NA (Design Ch 9.00 to 33.00) including spur from Design Ch 13.200 to Junction with NH19 near Badarpur Border and PKG-III from Junction with Sec-62/65 dividing road on Faridabad-Ballabhgarh Bypass to Junction near KMP Expressway with NH-148NA Delhi-Vadodara Expressway Section of NH-148NA (Design Ch 33.00 to 59.063) in state of Haryana under Bharatmala Pariyojana (Lot-4/Package-1) to improve the efficiency of freight movement.

Project stretch falls in the State of Delhi and Faridabad, which is situated in the Northern part of India. Delhi, officially the National Capital Territory of Delhi (NCT), is a city and a Union Territory of India. It is bordered by Haryana on three sides and by Uttar Pradesh to the east. The NCT covers an area of 1,484 square kilometres. It is connected to other parts of India by five National Highways: NH 44, NH 19 (Old NH 2), NH 75 (Old NH 48), NH 9 & NH 24 and some important Pillars of Delhi's Road Infrastructures like- Inner Ring Road, Outer Ring Road, Delhi Noida Direct flyover (DND), Delhi Gurugram Expressway, Delhi Faridabad skyway etc.

The proposed road would act as the prime artery for the economic flow to this region. It will enhance economic development, provide employment opportunities to locals, strengthen tourist development, ensure road safety, provide better transportation facilities and other facilities such as way side amenities etc. Vehicles operating cost will also be reduced due to improved road quality.

Sufficient care has been taken during the design stage to avoid acquisition of forest areas located along the project road. However, at some locations the proposed project falls in notified protected forest areas declared for management purposes and diversion of protected forest land is unavoidable.


Dy. Conservator of Forests
Faridabad


Signature of User Agency
Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana.


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CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the forest area involved in the proposed road is unavoidable and barest minimum i.e. 3.9 Ha under Forest Division Faridabad is proposed for diversion for "Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana."


Dy. Conservator of Forests
Faridabad


Project Director
Corridor Management Unit
National Highways Authority of India
Maharaja Park, Faridabad
Signature of User Agency

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana.

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UNDERTAKING

(FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION)

I/We, M. K. Bansal, Project Director, CMU Mathura, NHAI, hereby, on behalf of National Highways Authority of India undertake to pay the entire amount for Compensatory Afforestation in lieu of the 3.9 Ha Protected Forest land under jurisdiction of Forest Division Faridabad (from design Km 12.500 to design Km 13.330) diverting for "Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana" as per prevailing wage rates at the time of plantation.


Dy. Conservator of Forests
Faridabad


Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)
Signature of User Agency

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana.

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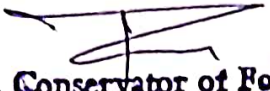
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UNDERTAKING

(FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA)

I/We, M. K. Bansal, Project Director, CMU Mathura, NHAI, hereby, on behalf of National Highways Authority of India undertake to pay the entire amount for Net Present Value in lieu of the 3.9 Ha Protected Forest land under jurisdiction of Forest Division Faridabad (from design Km 12.500 to design Km 13.330) diverting for "Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana."

I/We, hereby, on behalf of National Highways Authority of India undertake to pay the Net Present Value (NPV) of the above forest land and other cost if any as decided by the State Government or as per decision of the Hon'ble Supreme Court. In case of revision of rates the difference amount will also be paid by the user agency.


By. Conservator of Forests
Faridabad


Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)
Signature of User Agency

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana.

Proposal No. : FP/HR/ROAD/48568/2020

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UNDERTAKING

(FOR PAYMENT OF ADDITIONAL NET PRESENT VALUE OF FOREST AREA)

I/We, M. K. Bansal, Project Director, CMU Mathura, NHAI, hereby, on behalf of National Highways Authority of India undertake to pay the entire amount for Net Present Value in lieu of the 3.9 Ha Protected Forest land under jurisdiction of Forest Division Faridabad (from design Km 12.500 to design Km 13.330) diverting for "Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana."

I/We, hereby, on behalf of National Highways Authority of India undertake to pay the additional Net Present Value (NPV) of the above forest land and other cost if any as decided by the State Government or as per decision of the Hon'ble Supreme Court. In case of revision of rates the difference amount will also be paid by the user agency.


By. Conservator of Forests
Faridabad


Project Director
Corridor Management Unit
National Highway Authority of India
Mathura (Gt. Faridabad)

Signature of User Agency

Construction of 6 Lane access controlled Highway from DND- Faridabad-Ballabhgarh Bypass Junction with Delhi-Vadodara Expressway KMP- Interchange (NH-148 NA) under Bharatmala Pariyojana (Lot-4/Package-1) in state of Haryana.

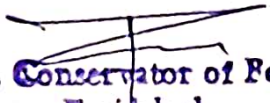
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STATUS OF ENVIRONMENT AND CRZ CLEARANCE UNDER THE ENVIRONMENTAL (PROTECTION) ACT, 1986 WHEREVER REQUIRED

As per Environmental Impact Assessment (EIA) Notification, 2006 and its subsequent amendment on 22nd August, 2013 Environment clearance and CRZ clearance is not required for this project.


By. Conservator of Forests
Faridabad


Project Director
Corridor Management Unit
National Highways Authority of India
New Delhi
Signature of User Agency