

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

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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 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, 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 48), 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 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 the State of Haryana.




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National Highways Authority of India
Mathura (at Faridabad)

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Following are the expected benefits due to the proposed national highway:

- Better level of service in terms of improved riding quality and smooth traffic flow.
- Faster transportation will ultimately lead to massive savings in the form of reduced wear and tear of vehicles, reduced vehicle operating costs (VOCs) and total reduction in transportation costs etc.
- With the improvement of road surface, the traffic congestion due to obstructed movement of vehicles will be minimized and thus wastage of fuel emissions from the vehicles will be reduced.
- Increased road landscaping and safety features.
- Enhanced connectivity between rural & urban population which will benefit the all sections of the society like general population, small-medium-large scale industries, farmers, businessmen etc.
- Improved access to higher education facilities & modern health facilities.
- Strengthening of both rural & urban economies which in turn will improve economic scenario of the state and country.
- Improved road connectivity helps in better implementation and management of government schemes.
- With improvement in economy, more generation of employment opportunities.
- Overall improvement of the region.




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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		




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**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		




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AREA CALCULATION OF FOREST LAND

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.”

Forest Division Faridabad (12.500 Km – 13.330 Km)							
S. No.	New Alignment Chainage (Km)	Name of Reach	Length (m)	Average Width (m)	Area (m ²)	Total Area (Hectare)	Remark
1	12.500 - 13.115	Meethapur Palla Road	615	60.5	37200	3.72	Left Hand Side of Meethapur Palla Road
2	13.300 - 13.330	Agra Canal	144	12.5	1800	0.18	Right Hand Side of Agra Canal
Grand Total in Forest Division Faridabad					39000	3.9	




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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.




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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."




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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.




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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.




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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.




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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.




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UNDERTAKING

(For No Other Feasible Alternative of Alignment and Diversion of Barest Minimum Forest Land)

I/We, M. K. Bansal, Project Director, CMU Mathura, NHAI, hereby, undertake that, there are no other feasible alternative of alignment for have applied 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."

It is further state that the **3.9 Ha** Protected Forest land under jurisdiction of Forest Division Faridabad (from design Km 12.500 to design Km 13.330) involved for the project is declared as Protected Forest land and it is barest minimum.




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Undertaking/ Certificate for No Muck Generation and Disposal

This is to certify that as the project road alignment of the project namely "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" is entirely located in plane area having no scope of tunneling or hill cutting/ deep excavation and accordingly NO muck will be generated due to providing additional facilities, like drain, and minor geometrical improvement of project road. However, some construction debris is likely to be generated which will be utilized (like leveling, making approach road, haul road worker camp/ construction yard etc) in project work and no specific disposal is required.




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Undertaking for No Wildlife Area

This is to certify that forest area which is required to be diverted of project namely "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" is not a part of Wildlife Area. Also proposed project road alignment does NOT traverse through Wildlife Area, Eco-sensitive Zone (ESZ) of notified Ecologically Sensitive Area (ESA) of similar nature.




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**Undertaking for Non-starting of any activity without sanction from
Competent Authority**

This is to certify that the construction work of project road namely "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 yet not started in forest area/ land.

Any civil/construction work in the forest area in not started and No Violation of Forest Conservation Act, 1980 and or its guidelines have been committed. The work in forest land will be started only after Forest Department accords permission.




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