

## DETAIL NOTE ON THE PROJECT

The Ministry of Road Transport and Highways (MoRTH), Government of India has proposed "BharatmalaPariyojana" 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 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.

The National Highways Authority of India (NHAI) has been entrusted with the work of Preparation of Detailed Project Report for Construction of 4/6 Laning of Arrah-Sasaram-Patna road section of NH-119A from Km 00+000 (Sadisopur) to Km 34+800 (Ashani) (Ring Road) under BharatmalaPariyojana (Lot-7/Package-2) in the State of Bihar (Package-III).

M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd., Unit No-514,515 & 516, 5<sup>th</sup> Floor, Suncity Success Tower, Golf Course, Extension Road, Sec-65, Gurgaon-122005(Haryana)has been appointed as consultant to carry out Consultancy Services for Preparation of DPR for development of Economic Corridors, Inter Corridors, Feeder Routes and Border to improve the efficiency of freight movement in India under BharatmalaPariyojana Lot-7/Package-2 (Ara-Sasaram-Patna-Section) in the state of Bihar.

Project stretch falls in the state of Bihar. Bihar is in easternIndia. It is contiguous with Uttar Pradesh to its west, Nepal to the north, the northern part of West Bengal to the east, and with Jharkhand to the south.Bihar covers a total area of 94,163 Km<sup>2</sup>, with an average elevation above sea level of 53 m. It is dominated by a vast stretch of fertile plain which is divided unevenly by the Ganges River. Central parts of Bihar have some small hills, such as the Rajgir hills. Bihar has reserved Forest area of 6,845 Km<sup>2</sup>, which is 7.27% of its geographical area. The State has 26 nos. of National Highways with aggregate length 5301 Kms.

Arrah-Sasaram-Patna road section of NH-119A (Ring Road - Package-III)thestarting Ch. 0+000 isSadisopur (Patna) and terminates at Ch. 34+800 near Ashani (Bhojpur). The length of project road is 34.800 Km. This is a completely new Green Field Alignment, mainly passes through Plain terrain and shall be constructed as 4/6-Lane with Paved shoulder configuration.The Proposed ROW of this section is taken as 60 m in which all the configurations shall be fitted with.The proposed project falls in notified protected forest land and diversion of protected forest land is unavoidable and barest minimum i. e. 1.964Ha.

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.



*[Handwritten Signature]*

**Project Director**  
**National Highways Authority of India**  
**Project Implementation Unit**  
**PATNA**

- 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.



A handwritten signature in blue ink, appearing to be "S. S. S.", written over a horizontal line.

**Signature of User Agency**  
***Project Director***  
**National Highways Authority of India**  
**Project Implementation Unit**  
**PATNA**