

NHIDCL/PMU-TML/FC/T-M/Pkg-3/2021-22/

Dated: 26.04.2021

## Justification for locating Project in Forest Area

**Name of Proposal:- “Construction of Two lane with Paved Shoulder of Old Tamenglong - Phelong Section (Package-3, From Km 31.430 to Km 43.480) of Tamenglong- Mahur Road in the state of Manipur on EPC mode.”**

The Project involves widening & Improvement of existing road which is passing through Forest Area. This is a linear project hence no other alternative available. The land being acquired is minimum required for widening purpose.

Widening of the project road has following benefits to the state

- Substantial financial and social benefits to the state.
- Reduced accidents by improving hairpin bends.
- Driving comfort due to improved geometry, smoother riding surface.

Detailed Justification is attached as Annexure-I

**Place: Tamenglong, Manipur**



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# Construction of Two lane with Paved Shoulders of Old Tamenglong- Phelong Section (Package3, From Km31+430to Km43+480) of Tamenglong-Mahur Road in the State of Manipur on EPC Mode.

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## PROJECT BACKGROUND

National Highways and Infrastructure Development Corporation (NHIDCL) a fully owned company of the Ministry of Road Transport & Highways (MoRTH), Government of India promotes, surveys, establishes, design, build, operate, maintain and upgrade National Highways and Strategic Roads including interconnecting roads in parts of the country which share international boundaries with neighboring countries. The regional connectivity so enhanced would promote cross border trade and commerce and help safeguard India's international borders. This would lead to the formation of a more integrated and economically consolidated South and South East Asia. In addition, there would be overall economic benefits for the local population and help integrate the peripheral areas with the mainstream in a more robust manner.

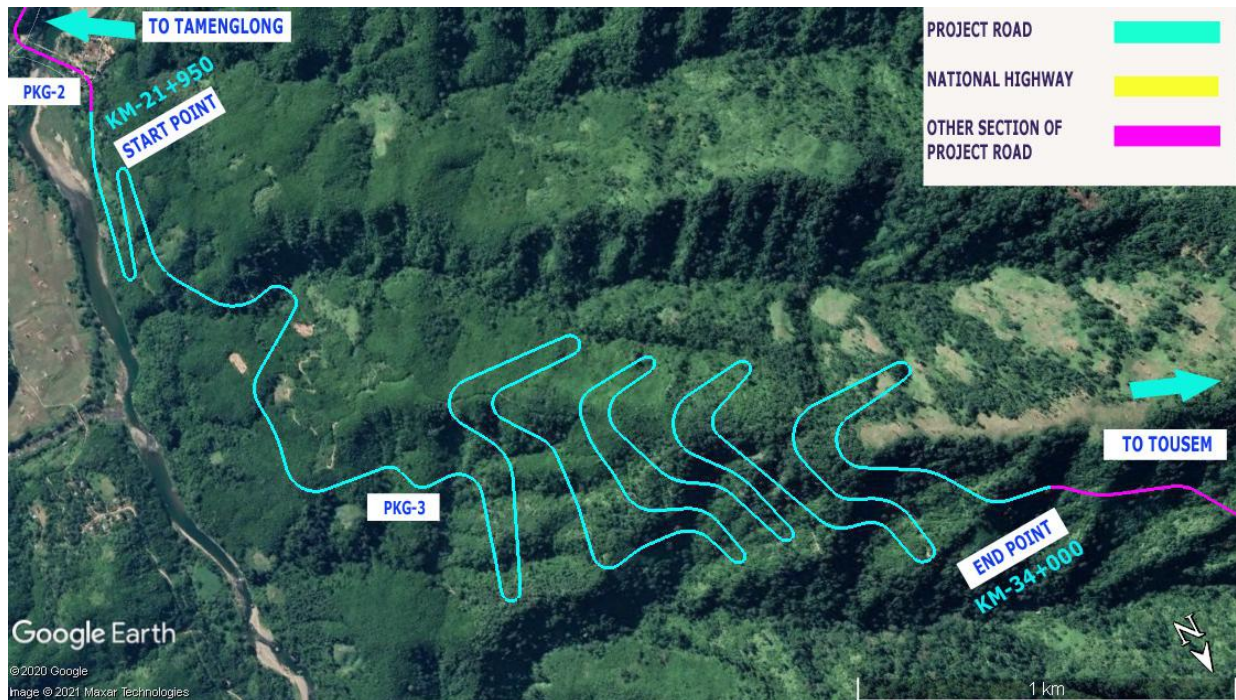
As a part of the above-mentioned endeavor, National Highways & Infrastructure Development Corporation Limited (NHIDCL) has been entrusted with the Improvement and Up gradation to 2- Lane with paved shoulders configuration from Tamenglong - Mahur Road for a length of about 160 km in the States of Assam & Manipur.

The project road has been divided into seven civil construction packages and this report refers to the Package 3: Old Tamenglong- Phelong (Km31+430 to Km43+480) Section of NH-137.

## PROJECT DESCRIPTION

The project proposal for Package 3: Old Tamenglong- Phelong (Km31+430 to Km43+480) Section of in-Principal NH is Construction to two lane with paved shoulder configuration . The adopted Design Speed is 40-60 kmph.

The Project Stretch starts from Km. 31+430 of Tamenglong- Mahur Road Near Namtiram-2 Village, Manipur and terminates on Km. 43+480 of Tamenglong- Mahur road near Phelong Village. The project road traverses through Tamenglong District in Manipur. The design length of Project Road is 12.05km under Package-3. The project road passes through Mountainous Terrain. This section of road passes through Land of Phelong Village. The Key Map of Package-3 is presented below:-



**KEY MAP SHOWING ALIGNMENT OF PROJECT SECTION**

## JUSTIFICATION/NEED OF ROAD

The development of the project road is important because

- The Project road strategically interconnects State capital of two States (i.e. Manipur & Assam).
- The development of the road will boost the agricultural and industrial development of the surrounding area which can be viewed as boosting economic growth and poverty reduction, bringing substantial social and economic development in the region.
- The social benefits arising due to the project will be triggered off due to improved accessibility to various services such as easy access to markets, health facilities, schools, workplace etc., which in turn increase the income of the locals, and ultimately elevating their standard of living.
- This road passes through the Phelong villages and development of this package would enhance the socio economic development of this village.

## SOCIAL BENEFITS

- The population of Old Tamenglong, Namtiram-2 & Phelong, Villages of Tamenglong District will get directly benefited by Implementation of Project Road.
- It is expected that GDP of the district will have enhanced growth due to this improvement in road connectivity
- Project Road has a vital importance from view of connectivity with National Highway and Manipur-Assam Connectivity. As the project road is directly connected to both NH-137 & NH- 54 which shows the growing importance of the highway.
- We expect that GDP of Old Tamenglong, Namtiram-2 & Phelong villages along the project corridor will increase manifold. This benefit will be for 5 years at enhanced rate of 10%, 10years for enhanced 5% rate & 15 years for enhanced rate of 2%.

## ALIGNMENT JUSTIFICATION

The existing Road from Tamenglong to Mahur is generally 3.0 wide earthen tracks. Many Geometric Improvement & Realignment has been done to meet the NH & IRC Standards. The road starts from Km. 0.000 of Tamenglong- Tousem- Haflong Road on existing X – Junction with Imphal-Tamenglong Road (L/s Tamenglong, R/s Imphal) Near Tamenglong Town, Manipur and terminates on Km. 143.245 of Tamenglong- Tousem- Haflong road on existing Y – Junction with NH-54 (L/s Mahur, R/s Lumding) Near Mahur Town, Assam.

- However, alignment has been fixed wherever it was found suitable considering Techno-commercial aspect, Social & Environmental Impact.
- The impact to Environment along project road is almost nil and land to be acquired is also minimal. Compensatory afforestation, tree plantation balance any negative impact caused by development. Also improvement in road will reduce noise and air pollution.
- The alignment finalized is the most suitable alignment and no other alternative would be better considering all aspects.
- For travelling to Mahur from Tamenglong this is the only alignment exists which passes through Eco Sensitive Zone of Jiri Makru Wildlife Sanctuary. No Other alignment is possible without crossing this Eco-sensitive Zone.