

# **Executive Summary**

Independent EHS Compliance Audit Report

**Ashoka Highway Bhandara Limited**

For Ashoka Highway Bhandara Limited

January 25 2017

## Executive Summary

Ashoka Concessions Ltd (ACL) is a company involved in development of BOT/Annuity based Highway Projects of Ashoka Group. Under its umbrella, ACL has floated seven special purpose vehicle companies (SPVs) to implement road development projects in India. **Ashoka Highway Bhandara Limited** (hereinafter referred as 'AHBL' or 'Client'), is one of such SPVs, which was formed to develop and widen a stretch of 80.0 km four-lane road asset on NH-6 starting at 405.400 and ending at +km 485.00 in the Gondia and Bhandara district of Maharashtra (hereinafter referred to as 'Project'). The concessionaire agreement was signed by AHBL on 18<sup>th</sup> September 2007 to manage the road asset for a period of 20 years on BOT basis.

AHBL later appointed Ashoka Buildcon Limited (hereinafter referred as 'ABL') as an EPC contractor for undertaking four-laning of end Durg Bypass to Wainganga Bridge under NHDP-III/ BOT/ IV/ 01 & 02. In this context, NHAI had prepared and submitted the Environmental Impact Assessment Report (EIA) and Resettlement Action Plan (RAP) to ABL.

Shareholding of the project is with ACL (51%) and India Infrastructure Fund (49%). Currently, the road asset is operational and its operations and maintenance are being handled in-house.

The project Equity Group of IDFC requires the project to meet all requirements of the IFC Performance Standards. AHBL has requested AECOM India Private Limited (hereinafter referred as 'AECOM') to provide its technical services for undertaking an Independent Environment, Health, Safety and Social (hereinafter referred as 'EHSS') Compliance Audit for the operating 80 km road stretch.

This Independent Environment, Health, Safety and Social Compliance Audit Report details out the observations made during the assessment along with gaps identified and recommendations to mitigate or minimize the Environment and Social (E&S) risk or impact as identified.

The corrective action plan is presented in Table E1 below:

Table E 1: Corrective Action Plan

Item No.	Observation and Corrective Actions	Priority (Low/Med./High)	Responsibility	Estimated cost	Expected Deliverables (Report/Measurement)	Deadline (months)
<b>1.</b>	<b>IFC Performance Standards</b>					
1.1.	<p><b>Sign boards indicating Speed breaker ahead and speed limit near Nawegaon Wildlife Sanctuary and Sendurwafa Toll Plaza</b></p> <ul style="list-style-type: none"> <li>ABHL to install sign boards for speed breaker and speed limit near Sendurwafa Toll Plaza, Railway crossing at chainage +km 442.800 and near Nawegaon Wildlife Sanctuary at chainage +km 420.35 to +km 422.340.</li> </ul>	Medium	HSE Officer-AHBL and Report to Corporate	Budget within existing resources	<ul style="list-style-type: none"> <li><b>Inspection records</b> for various safety aspects like road signage, tools and tackles to be maintained by the engaged subcontractor etc.</li> </ul>	One (1) month
1.2.	<p><b>Drinking water quality assessment</b></p> <ul style="list-style-type: none"> <li>On review of First Aid Register, it was observed that around thirty (30) cases of dysentery, diarrhea and stomach ache occurred which could be a sign of water-borne disease as a result of consumption of contaminated water.</li> <li>Water quality testing records are maintained at Lakhani Camp Office, however such records are not maintained at the Toll Plaza.</li> <li>During periodic water quality testing, faecal contamination is not tested in drinking water samples. It is suggested to add this parameter along with other test parameters. The drinking water quality should be as per the IS drinking water standards.</li> </ul>	High	Project Head Site HRD Team	Budget within existing resources	<ul style="list-style-type: none"> <li>To continue with the laboratory testing carried out for drinking water samples. To add a test parameter for faecal contamination, along with other parameters as specified in IS standard for drinking water and <b>maintain drinking water quality monthly records</b> at the Toll Plaza.</li> </ul>	One (1) month

