平成 24 年 5 月 11 日

日本貿易保険

環境レビュー結果

(1) 照会番号

１０－０６７

(2) プロジェクト名

高速道路建設

(3) 実施場所

ベトナム　ハノイ市、他

(4) プロジェクト概要

高速道路の建設

(5) カテゴリ分類

カテゴリ A

(6) カテゴリ分類の根拠

本件は、環境ガイドラインに示される大規模な道路、鉄道、橋梁セクターに該当し、影響を及ぼしやすい特性を伴うため。

(7) 環境許認可

ベトナム自然資源環境省（MONRE: Ministry of Natural Resources and Environment）から許認可を取得済みである。

(8) 汚染対策

大気質の計画値は適切な緩和措置の実施により現地国基準及び国際基準を満足する見込みである。騒音に関しては防音壁等適切な対策が実施される。その他の汚染対策も適切に講じられる。

(9) 自然環境面

本プロジェクトサイト及びその周辺には保護区や貴重種等の生息地は存在しない。

(10) 社会配慮面

被影響住民に対しては、当該国の法令に従い、適切な移転計画を策定し、移転対象住民から合意を事前に文書で取得するなど手続きは適切に進められている。本件の実施に伴って、

教会、仏塔、寺院などの移転は行われない。

(11) その他（モニタリング等）

プロジェクト実施者は、現地国の法制度に基づき、大気質、水質、騒音、振動等に関するモニタリングを実施する。モニタリング結果は、自治体の環境当局（Department of Natural Resources and Environment）に報告される計画。

Questions

Q1. Please provide the address of the project site.

Address of the project site: Ha Noi, Hung Yen, Hai Duong, Hai Phong

Q2. Please provide brief explanation of the project.

The objective of the project is to exploit the available potential as well as to meet the increasing demand in transportation in conformity with the region's socio-economic development and also to enhance and assist to the development of the region and the neighboring provinces.
Due to the strong development of the area's economic, and the in-comprehensive transport organization, the existing national highway No.5 which is becoming overloaded in spite of maintenance, effects to the economic development of the major economic area. Therefore, the demand for construction of an expressway to solve the traffic problems and to reduce traffic accidents is very urgent.
The Expressway would contribute in completion of the road and highway network in the North major economic area; promote the economic, cultural and social development of the area.

Key characteristics of the Project are as follows:
- Toll plaza: 2
- Bridges: 9 large bridges (4.531meters); 21 medium bridges (1.0008 meters)
- Number of Lanes: 6 lanes; 3.3 meters-wide each
- Pavement:
  Stage 1: Structure of asphalt concrete (A/C) pavement consists of layers as follows:
  Normal A/C surface course : 5 cm;
  A/C binder course : 14 cm;
  Asphalt treated base course : 12 cm;
  Aggregate course type 1 : 40 cm;
  Total thickness of the pavement structure : 71 cm
  Stage 2: After 5 years of operation, the following layers shall be constructed:
  Rough A/C surface course: 3cm;
  Normal A/C surface course: 7cm
  Total thickness: 81cm (for both stages).
- Total distance 105.5 kilometers
- Starting point: On Ring Road III – Hanoi; 1,025m away from the Northern abutment of Thanh Tri Bridge; 1,420m away from the Red River dyke towards Bac Ninh direction, in Thuong Hoi village – Thach Ban ward, Long Bien district – Hanoi city
- Ending point: Ending Point: Dinh Vu dam – Hai An district – Hai Phong city
- Construction period: 48 months

Q3. Will NEXI insurance be applied to a new project or an executing project? In case of an executing project, please inform of strong claims by stakeholders such as local residents, as well as improvement guidance or cessation orders for construction work / operations, from environmental authorities.

☒ New Project
☐ Executing Project (without Claim etc.)
☐ Executing Project (with Claim etc.)
☐ Others (Please specify)

Q4. In case of this project, is it necessary to execute Environmental Impact Assessment (EIA) based on the laws or regulations of the country where the project is to be implemented? If necessary, please inform the progress of EIA.

☒ Required (Completed)
☐ Not Required
☐ Required (Under execution or under planning)
☐ Others (Please specify)

Q5. In case that EIA is already completed, please inform whether EIA report is already approved based on the

environmental assessment system of the country where the project is to be implemented or not. If EIA report is already approved, please provide the date and name of authorities of the approval.

☒ Approved (without condition)
☐ Under approval process
☐ Approved (conditional)
☐ Others (Please specify))

Date of Approval: November 30, 2007
Name of Authorities: Viet Nam Ministry of Natural Resources and Environment

Q6. If environmental permit(s) other than EIA is required, please provide the name of required permit(s). Have you obtained required permit(s)?

☐ Obtained
☒ Not required
☐ Required, but not obtained yet
☐ Others (Please specify))

Name(s) of required permit(s): _____

Q7. Will the insurance be used for the undertaking that cannot specify the project at this stage (e.g. export or lease of machinery that has no relation with specific project, or Two Step Loan that cannot specify the project at the time of loan agreement)?

No

If you answered "Yes", it is not necessary to reply to the following questions.
If you answered "No", please reply to the following questions.

Q8. Are there any environmentally sensitive area(s) shown below in and around project site(s)?

No

If you answered "Yes", please select applicable items by marking, and reply to following questions.
If you answered "No", please reply to questions 9 and after.

☐ (1) National parks, protected areas designated by government (coastal areas, wetlands, habitats of minorities or indigenous populations, heritage sites, etc.)
☐ (2) Primeval forests, tropical natural forests
☐ (3) Ecologically important habitats (coral reefs, mangrove, tidal flats, etc.)
☐ (4) Habitats of endangered species of which protection is required under local laws and international agreements.
☐ (5) Areas that have risks of large scale increase in soil salinity or soil erosion
☐ (6) Desertification areas
☐ (7) Areas with special values from archaeological, historical and/or cultural viewpoints
☐ (8) Habitats of minorities, indigenous populations, nomadic people with traditional life style, or areas with special social value

Q9. Does the project involve following characteristics?

Yes

If you answered "Yes", please describe the scale of applicable characteristics, and reply to the questions 10 and after.
If you answered "No", please reply to questions 11 and after.

☒ (1) Involuntary resettlement (Number of resettlers: equal to or more than approx. 1,900 households)
☐ (2) Pumping of groundwater (Scale: m^3 /year)
☒ (3) Land reclamation, development and/or clearing (Scale: 2,500ha)
☐ (4) Deforestation (Scale: ha)

Q10. Under the environmental impact assessment system of the country where the project is to be implemented, do the applicable characteristics from (1) – (4) above and their scale serve as basis for executing an EIA for the project?

☒ They do ☐ They do not
☐ Others (Please specify))

Q11. Will the value insured by NEXI in the export, loan or investment project be equal or less than 5% of the total project cost, or equal or less than SDR 10 million? (In the case of additional support for a past project, this shall be the accumulated total amount)

No

If you answered "Yes", it is not necessary to reply to the following questions.
If you answered "No", please reply to questions 12 and after.

Q12. Does the project belong to either of the sectors that impact on the environment is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansionary renovation project, acquisition of rights or interests without additional capital investment)?

No

If you answered "Yes", it is not necessary to reply to following questions.
If you answered "No", please reply to the questions 13 and after.

Q13. Does the project belong to the following sectors?

Yes

If you answered "Yes", please specify the sector by marking, and reply to questions 14 and after.
If you answered "No", it is not necessary to reply to the following questions.

☐ (1) Mining
☐ (2) Oil and natural gas development
☐ (3) Pipelines
☐ (4) Iron and steel (projects that include large furnaces)
☐ (5) Non-ferrous metals smelting and refining
☐ (6) Petrochemicals (manufacture of raw materials; including complexes)
☐ (7) Petroleum refining
☐ (8) Oil, gas and chemical terminals
☐ (9) Paper and pulp
☐ (10) Manufacturing and transport of toxic or poisonous substances regulated by international treaties, etc.
☐ (11) Thermal power
☐ (12) Nuclear power
☐ (13) Hydro power, dams and reservoirs
☐ (14) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables
☒ (15) Roads, railways and bridges
☐ (16) Airports
☐ (17) Ports and harbors
☐ (18) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
☐ (19) Waste management and disposal
☐ (20) Agriculture involving large-scale land clearing or irrigation
☐ (21) Forestry

☐ (22) Tourism (Construction of hotel, etc.)

Q14. Please provide information on the scale of the project (project area, area of plants and buildings, production capacity, amounts of power generation, etc.) Further, pleased explain whether an execution of EIA is required on account of the large scale of the project in the country where the project is implemented.

The Ha Noi – Hai Phong Expressway project is constructed in conformity to international standards, Expressway class A, design speed of 120km/hr, six (6) travel lanes, total length of 105.5km, connecting the Northern key economic zone with the biggest seaport group in the North.

EIA is required in order to (i) comply with the Law on Environmental Protection adopted by National Assembly of Socialist Republic of Vietnam on 28 November 2005 (come into effect as from 1 July 2006); (ii) supply information about status quo of social and natural environment in the Project area; (iii) identify the major impacts of the Project on natural and socio-economic environment, the vulnerable areas of the Project; (iv) forecast the possible impacts on the environment of the Project areas in the construction and operation period; (v) analyze the selection of optimal technology on the basis of comprehensive assessment of socio-economic and environmental factors; (vi) suggest the measures to mitigate the adverse impacts on environment in construction and operation periods; in compliance with the regulations on environmental protection of Socialist Republic of Vietnam.
The EIA Report will help the local authorities and the Project managing agencies to select reasonable implementation methods, mitigating the adverse impacts on environment in construction and operation periods of the Project.

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