

Initial Project Summary – Istanbul– Nakkas-Basaksehir Motorway Project

NAME OF PROJECT: Nakkas-Basaksehir Motorway Project

NAME OF APPLICANT: Meridiam Eurasia SAS

PROJECT LOCATION: Istanbul, Turkey

PROJECT DESCRIPTION: The proposed Project involves DFC political risk insurance for up to \$350 million for a greenfield motorway project in Istanbul Turkey. The Build-Operate-Transfer Project was awarded to the construction group, Ronesans, in July 2020, under a 20-year concession. The Project consists of a new 4-lane dual toll road with a total length of 30.64 km (including connection roads) and the 1,619 m long Sazlidere Cable Stayed Bridge. The Project is the final section (8th section) of the Northern Marmara Motorway (NMM). The NMM was originally composed of seven sections connecting Asia and Europe with an uninterrupted traffic flow. These seven sections have been completed and are under operation.

The Project is located in the western part of Istanbul Province and passes through 15 settlements in four districts (Basaksehir, Arnavutkoy, Avcilar and Catalca). These are densely populated areas with diverse economic livelihood activities as well as hosting large residential apartment buildings, public service institutions and sports facilities.

In addition, the following auxiliary features are included in the Project:

- Temporary construction components (e.g., two camp sites, quarries and borrow pits, surplus material dump sites);
- Cable Stayed Bridge (1619 m (length) X 46 m (width) and tower height of 196m), two towers, emergency and maintenance walkways on both sides, lighting two energy centers will be built at the base of each pylon of the bridge;
- Toll booths (number has not been specified yet); free flow systems and tollgate toll collection systems will be incorporated;
- Motorway will be fenced with no pedestrian access;
- Coated shoulders with emergency stripes and reserve shoulders;
- Viaducts will be used in 5 locations (Arnavutkoy District and four locations in Basaksehir District);
- Ten interchanges – generally 2-lanes, typical lane width of 10.5 m, shoulders, crash strips;
- Underpasses (18), overpasses (28), and culverts (55) (to facilitate farm roads, wildlife and people movement, and water courses);
- Mechanically Stabilized Earth (MSE) walls and retaining walls for reinforcement of embankments (approximately 10 km);
- Draining system of ditches, canals, pipes, manholes, and discharge structures to remove surface and subsurface waters to ensure safe traffic flow; and
- Relocation of overhead transmission lines.

The Project estimates that an average of 1,959 personnel will be employed throughout the duration of the project, with a peak of 3,465 workers during construction. The size of the workforce needed for operations is not determined at this stage.

ENVIRONMENTAL AND SOCIAL CATEGORIZATION AND RATIONALE: The Project has been reviewed against DFC’s categorical prohibitions and determined to be categorically eligible. The Project is screened as Category A because projects involving extensive rehabilitation and upgrading of a significant length of major highway can have

significant adverse and social impacts that are diverse, irreversible or unprecedented. Primary environmental and social issues of concern include:

- Noise and vibration;
- Erosion and sedimentation;
- Impacts to flora and fauna in terrestrial and freshwater habitats;
- Community health and safety, including traffic safety;
- Occupational health and safety of Project workers;
- Cumulative environmental and social impacts;
- Physical and economic displacement from land acquisition; and
- Potential adverse impacts on archeological and built cultural heritage.

ANTICIPATED APPLICABLE STANDARDS: The Project is subject to DFC's 2020 Environmental and Social Policy and Procedures ("ESPP"). Under DFC's ESPP, the Project Sponsor is required to comply with applicable national laws and regulations related to environmental and social performance. In addition, DFC's preliminary environmental and social due diligence indicates that the Project will have impacts that must be managed in a manner consistent with the following of the International Finance Corporation's (IFC) 2012 Performance Standards:

- PS 1: Assessment and Management of Environmental and Social Risks and Impacts;
- PS 2: Labor and Working Conditions;
- PS 3: Resource Efficiency and Pollution Prevention;
- PS 4: Community Health, Safety, and Security;
- PS 5: Land Acquisition and Involuntary Resettlement;
- PS 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources; and
- PS 8: Cultural Heritage.

There are no indigenous peoples identified in the project area, therefore PS 7 is not triggered at this time. Applicable provisions of the IFC General Environmental, Health, and Safety (EHS) Guidelines (April 30, 2007); IFC EHS Guidelines for Toll Roads (April 30, 2007); and IFC EHS Guidelines for Construction Materials Extraction (April 30, 2007) also apply to the Project.

LOCATION OF LOCAL ACCESS TO PROJECT INFORMATION: The Project ESIA and Non-Technical Summary in Turkish will be available for review at:

Municipalities of:

- Basakşehir Belediyesi: Kayabaşı mah. 15 Temmuz sok. No: 2 Başakşehir Merkez Camii yanı, Başakşehir, İstanbul
- Arnavutköy Belediyesi: Taşoluk mah. Kazım Karabekir cad. No: 88 Arnavutköy, İstanbul
- Catalca Belediyesi: Kaleiçi mah. Vezir Ferhatpaşa cad. No: 50 Çatalca, İstanbul
- Avcılar Belediyesi: Ambarlı mah. Naim Süleymanoğlu sok. No: 10 Avcılar, İstanbul

Offices of Muhtars along the Motorway:

- Bahçeşehir 1: Bahçeşehir 1. Kısım, Kemal Sunal cad. 34488 Başakşehir, İstanbul
- Şamlar: Şamlar mah. 23 Nisan cad. No: 14D 34306 Başakşehir, İstanbul
- Şahintepe: Şahintepe mah. Kartal sok. No: 2 Başakşehir, İstanbul
- Kayabaşı: Kayabaşı mah. Rabia cad. No: 5 Başakşehir, İstanbul
- Güvercintepe: Güvercintepe mah. Gülay sok. No: 69 Başakşehir, İstanbul

- Bařak: Bařak mah. Ertuęrul Gazi cad. No: 22/3 Bařakřehir, İstanbul
- Bařakřehir: Bařakřehir mah. Prof. Dr. Necmettin Erbakan cad. No: 25 Bařakřehir, İstanbul
- Deliklikaya: Deliklikaya mah. Kayabařı cad. No: 13 Arnavutky, İstanbul
- Hadım ky: Hadım ky mah. Ayasofya cad. No: 2 Arnavutky, İstanbul
- Hastane: Hadım ky mah. Ayasofya cad. No: 2 Arnavutky, İstanbul
- merli: merli mah. Hadım ky-merli cad. No: 60 Arnavutky, İstanbul
- Sazlıbosna: Sazlıbosna mah. Kırım cad. No:19D Arnavutky, İstanbul
- Yeřilbayır: Yeřilbayır mah. Camii cad. No: 7 Arnavutky, İstanbul
- Nakkař: Nakkař mah. Ali Rıza Efendi cad. atalca, İstanbul
- Tahtakale: Tahtakale mah. Petrol sok. No:21 Avcılar, İstanbul

Nakkas Otoyol Yatırım ve İletme A.S. Office:

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