Signing of Japanese ODA Loan with the Indonesia:

Mitigating traffic congestion through construction of mass rapid transit

On December 4, the Japan International Cooperation Agency (JICA) signed Loan Agreements with the Government of the Republic of Indonesia to provide Japanese Official Development Assistance (ODA) loans of up to 77,137 million yen for two (2) projects.

The population of JABODETABEK (Jakarta-Bogor-Depok-Tangerang-Bekasi) area is approximately 28 million people (2010), an increase of about 1.3 times over the past decade (average annual growth rate: 2.8 percent) and expected to reach 33.6 million people in 2030. The number of commuters from the suburbs to the center of Jakarta has rapidly increased over the past decade about 1.5 times (from 743,000 in 2002 to 1,105,000 in 2010) due to the expansion of residential area to outskirts of Jakarta, and the number of registered vehicles in JABODETABEK area has rapidly increased as well, by about 3 times (from 3,260,000 in 2000 to 9,630,000 in 2010). With this growth, urban environmental degradation including severe traffic congestion and air pollution has become a serious problem.

Though JICA have contributed to improvements of railway facilities in JABODETABEK area, namely installments of electrification and signaling facilities, elevation of railways, provision of rolling stocks, since 1970’s, the impending necessity of the construction of Mass Rapid Transit System, as a new transportation modality, has been recognized due to the rapid growth of JABODETABEK area in the recent years as mentioned above.

In response to the necessity above, JICA has cooperated the construction of Mass Rapid Transit System (MRT) North-South Line (Lebak Bulus-Bunderan HI) through ODA loans, the Construction of Jakarta Mass Rapid Transit Project (I) (hereinafter referred to as the "MRT North-South Line (I)) concluded in March 2009, 48,150 million Japanese Yen. New Japanese technologies, such as the Tunnel Boring Machines, Signaling System and Rolling Stocks, contribute to smooth and safe construction, and will realize safe and punctual operation. Through utilization of these technologies for the construction and operation, the technical transfer to local consulting and construction companies are also expected and regarded as the important effect of the project.

Today, the Government of Republic of Indonesia and JICA signed the Loan Agreement of the Construction of Jakarta Mass Rapid Transit Project (II) (Phase I Stage 2) (hereinafter referred to as the "MRT North-South Line (II)") and the Engineering Services for Jakarta Mass Rapid Transit East-West Line Project (Phase I) (hereinafter referred to as the "MRT East-West Line (I)") in order to accelerate the
passenger transportation capacity and alleviate serious traffic congestion in the JABODETABEK area. The former project aims to provide succeeding finance for on-going construction of the MRT North-South Line, and the latter to provide finance for the implementation of engineering design for the MRT East-West Line (Kaliferes-Cempaka Baru).

The Project Scope of MRT North-South (I) and (II) collectively include the construction of underground section (5.9 km) and elevated section (9.8 km), procurement of rolling stocks and installments of signaling systems, and that of MRT East-West Line (I) includes engineering design for Kaliferes-Cempaka Baru section (20 km). Number of total passenger is expected to reach 280,000 people/day at the time of inauguration of Phase I (Lebak Bulus-Bunderan HI) of the North-South Line, and 256,000 people/day at the time of inauguration of Phase I (Kaliferes-Cempaka Baru) for the MRT East-West Line.

In addition, as MRT North-South Line is the first mass rapid transit system in Indonesia, JICA has contributed not only to the construction itself but also capacity development of operation and management of urban railways in which Japan has advanced experiences through consulting services and implementation of training course, together with sharing the know-how for Transportation Oriented Development (TOD) and the development of transportation policy through technical cooperation project.

JICA will continue to work comprehensively toward solving the challenges facing the Indonesia, supporting the implementation of high-quality infrastructure projects.

【For further information】
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Attachments:
- Reference
- Related Photo