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Japan International Consultants for Transportation Co., Ltd

The Commencement of the use of electronic interlocking devices at the Yangon central station in Republic of the Union of Myanmar

Concerning the construction supervision of replacement work of the aging interlocking devices at Yangon Central Station and Pazundaung Station implemented by the Joint venture composed of Japan International Consultants for Transportation Co.,Ltd (Tokyo) and Oriental Consultants Global Co., Ltd (Tokyo), the replacement has been completed and the use of the electronic interlocking devices at both stations will commence on 30th June.

The joint venture composed of Japan International Consultants for Transportation Co.,Ltd (JIC) and Oriental Consultants Global Co., Ltd (OCG) has received the construction supervision of the replacement work of the aging interlocking devices at Yangon Central Station and Pazundaung Station (the Project) from the Myanmar Railways and has carried out the Project. The replacement of aging interlocking devices to the electronic one has been completed and the use of the electronic interlocking devices at both stations will commence on 30th June.

Commemorative ceremony was held on 16th.June, where Mr. Thant Sin Maung, Minister of Ministry of Transport and Communications and Mr. Ichiro Maruyama, Ambassador Extraordinary and Plenipotentiary of Japan to Republic of the Union of Myanmar participated.

The Project is a part of the project of modernizing Yangon Mandalay Main Line, funded by the Japan International Cooperation Agency (JICA) as Grant Aid project, including the introduction of automatic railway crossing devices and introduction of centralized train operation monitoring devices.

1. Outline of the replacement work

- Introduction of electronic interlocking devices at Yangon Central Station and Pazundaung Station.
- Replacement of 81 electric point machines and arranging countermeasures against partial submersion
- Replacement of 81 signals, introduction of LED
- Replacement of 86 track circuits

2. The effectiveness of the introduction of electronic interlocking devices

Confirmation test of logic to chain a traffic signal and a point machine can be conducted intensively inside of a factory, improving quality and security, and it is a multiplex system so that it can improve its reliability.

3. The role of JIC

JIC conducted construction supervision in consideration of safety, specification management of interlocking devices, support for formulation of device inspection rules, training staff at the stations and educated operation administrators.

4. Construction period for electronic interlocking devices

May 2015 - June 2018 (38 months)



Ex-interlocking devices (manufactured in UK in 1941) Electronic interlocking devices (manufactured in Japan)



Commemorative Ceremony (The Minister of Ministry of Transport and Communications and Ambassador from Japan to Myanmar attended)

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