

NS wins for Third-Generation Centralized Train Control (CTC) Center of Taiwan Railway Corporation, Ltd.

Nippon Signal Co., Ltd. (Head office: Chiyoda-ku, Tokyo; President & CEO & COO: Hidehiko Tsukamoto) was awarded for “Design-Build Project for the Third-Generation Centralized Train Control (CTC) Center” by Taiwan Railway Corporation, Ltd., referred to below as TRC.

This project is the succeeding project of the current “Second-Generation Centralized Train Control (CTC) Center” supplied and installed by Nippon Signal in 2001. This project is the renewal of Centralized Train Control Center, which manages and controls all 164 stations and 26 substations, as upgrade of Train Operation Control System and SCADA (Supervisory Control and Data Acquisition) for all stations of TRC.

In addition to our stable operations record so far, the client highly evaluated our unique technical proposals, which has led to successful bid. We are currently proceeding with the necessary procedures toward finalizing the contract.

Nippon Signal has awarded for Excellence Award (Gold Quality Award) issued by the Public Construction Commission, the most prestigious award in public works in Taiwan, in December 2021 for the Taiwan South Link Railway Electrification Project, in which Nippon Signal undertook the design of signaling system and construction. By leveraging our know-how to reliably execute this project, Nippon Signal will contribute to efficient operations in TRC and enhance end-user convenience, thereby helping to build a safe and comfortable society.

<Project Overview>

Winning bid amount	about 4.6 billion TWD (23 billion JPY) ※exchange rate 1TWD=5.0 JPY
Construction details	(1) Renewal works of CTC system (centralized center and all 164 stations) (2) Renewal works of SCADA (centralized center and 26 substations) (3) Maintenance for 10 years
Construction period	From March 2026 to November 2029 (4 years)



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Third-Generation CTC center (image diagram)