

MHI and NCS Win Singapore's Next-generation Electronic Road Pricing System Project

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Mitsubishi Heavy Industries, Ltd. (MHI) and its subsidiary companies together with NCS Pte Ltd, a wholly-owned company of the Singtel Group have been awarded with Land Transport Authority of Singapore's (LTA) \$556 million next-generation Electronic Road Pricing (ERP) system project. MHI's 100%-owned local subsidiary MHI Engine System Asia Pte Ltd. (MHIES-A) and NCS, Singapore's leading information, communications and technology (ICT) are expected to progressively implement the new system from 2020 onwards.

The next-generation Electronic Road Pricing (ERP) system is an advanced system that uses global navigation technology to better manage traffic congestion, while providing the technology platform to develop useful value-added services that bring greater convenience to motorists. This will be the first-of-its-kind system to be implemented in an urban environment. MHI Group has been involved in supplying Singapore's intelligent transport systems for over 20 years. In 1998 the company delivered the world's first ERP system to the country - a system that is currently operating in 77 locations. MHI Group also took part in the field testing for the project between 2011 and 2012.

The next-generation ERP system will make use of advanced satellite technology to better manage traffic conditions in Singapore. MHIES-A will provide the intelligent On-Board Unit (OBU) and roadside infrastructure while NCS is the consortium lead to integrate the overall system and solution.

Traffic congestion and environmental problems are common challenges for many large cities, particularly in Asia as economies continue to develop at a rapid rate. MHI Group will continue to develop advanced road pricing systems and propose solutions tailored to fit the needs of individual cities.