



# 1st Japan Construction International Award

## 2018

### Construction Project Category

#### Ulan Bator Elevated Bridge Construction Project **Mongolia**

JFE Engineering Corporation/  
CTI Engineering International Co., Ltd.

- ▶ In the project, a 262m steel bridge and a 362m approach road straddling Ulan Bator Railway Line, which separates the city into the Southern and Northern parts were constructed.
- ▶ For vehicles driving in the south north direction, the weight limit of the two aged existing bridges was 15t. After the construction completion, the limit was increased to 40t. At the same time, the distance between the city and the International Airport was shortened by approximately 3km.



#### Senayan Square Project **Indonesia**

KAJIMA CORPORATION

- ▶ Senayan Square is an urban, large scale multi purpose development comprising shopping mall, office buildings, high end condominiums and hotel on a site of approximately 200,000m<sup>2</sup> located in the center of the capital city, Jakarta.
- ▶ In 1989, Kajima Corp. was awarded a 40 year BOT Agreement by the Indonesian Government. The project will be operated until 2036, the end of the BOT period, using private funds.



#### Thilawa SEZ Zone A Development Project **Myanmar**

PENTA OCEAN CONSTRUCTION Co., Ltd.

- ▶ Thilawa SEZ is a large scale industrial park development project under the collaboration between private sectors and public sectors of both Japan and Myanmar. Out of total planned area 2,400ha, the early development area 400ha was developed as Zone A.
- ▶ Phase 1 area was opened in September 2015. The opening supports many Japanese companies expanding business into Myanmar also greatly contributes to the economic growth in Myanmar.



#### Neak Loeung Bridge Construction Project **Cambodia**

CHODAI Co., Ltd. / Oriental Consultants Global Co., Ltd.  
Sumitomo Mitsui Construction Co., Ltd.

- ▶ Neak Loeung Bridge is a 2.2 km bridge where Mekong River is crossed by National Road No.1, which is a part of Asian Highway and the 2nd East West Economic Corridor that connects Vietnam and Thailand via Phnom Penh, the capital of Cambodia.
- ▶ Before the construction, the river could only be crossed by toll ferries, forcing the passengers to stand by for several hours during rush hours. However, the completion of the bridge made it possible to cross the river fast, free of charge, regardless of time including night time.



#### Pahang Selangor Raw Water Transfer Tunnel Project **Malaysia**

SHIMIZU CORPORATION / Tokyo Electric Power Services Co., Ltd. / Nishimatsu Construction Co., Ltd.

- ▶ The population of the Malaysian capital Kuala Lumpur and the Selangor state has been increasing year by year. The population is said to reach approximately 10 million in 2020. However, the cities has a big challenge in securing water supply.
- ▶ To address this urgent issue, this 44.6km long tunnel construction project, piercing the Titiwangsa Mountain Range, was implemented. The tunnel has a diameter of 5.2m and a raw water transfer capacity of 1.89 million m<sup>3</sup> per day.



#### Hamad International Airport **Qatar**

Taisei Corporation

- ▶ The construction of the world's largest class new airport is a national project of Qatar, aiming to develop "a hub airport in Middle East". This project covers the construction of passenger terminal area, which accommodates 24million passengers annually.
- ▶ The project was awarded with "Best Airport in the Middle East" (2016) and "5 star Airport" (2017). Qatar aimed to grow out of oil dependent economy to achieve "economic structure transformation which incorporates tourism and research and development". The project contributed to achievement of that goal.



#### Bosphorus Rail Tube Crossing Project **Turkey**

Taisei Corporation /  
Oriental Consultants Global Co., Ltd.

- ▶ Bosphorus Rail Tube Crossing Project is a Turkish national project of great importance realizing a dream of the Turkish people spanning 150 years, which aimed to make Istanbul "a junction connecting Asia to Europe."
- ▶ In this large project with a total length of 13.6km, the following constructions were completed: a submerged tunnel of approximately 1.4km, which traverses the Bosphorus strait; a shield tunnel of approximately 9.5km; in addition, 3 subway stations and one ground station.



#### Marina Coastal Expressway Contract 485 **Singapore**

PENTA OCEAN CONSTRUCTION Co., Ltd.

- ▶ The construction project for 5.3km long Marina Coastal Expressway (MCE) aimed to improve ground network to address future increases in traffic and to re develop a vacant area after the removal of the existing highway.
- ▶ Contract 485 covered 700m long underground highway tunnel with 5 lanes in each direction. It is the widest highway with approx. 55 m of total width and its roughly 420m span is the first undersea tunnel in Singapore.



#### Mitsui Outlet Park in Kuala Lumpur International Airport **Selangor, Malaysia**

Mitsui Real Estate Development Co., Ltd.

- ▶ Mitsui Real Estate Development opened the first authentic outlet mall in Malaysia within the site of Kuala Lumpur International Airport.
- ▶ This project is the first project among Malaysia's Aeropolis Project, which sets the airport as a hub airport in Southeast Asia and which organizes facilities which have high affinity to airport facilities including leisure/shopping/entertainment spots, logistics centers, and hotels in a comprehensive manner.



#### I 70 Twin Tunnels Widening Project **Colorado, U.S.**

Obayashi Corporation

- ▶ This project aims to alleviate traffic jam by expanding the arterial expressway, which connects Denver, the largest city of Colorado, to Rocky Mountain ski resorts, from a 2 lane road to a 3 lane road in each direction.
- ▶ This project, as the 1st phase of I 70 Twin Tunnels Widening Construction, widened approx. 4km part of the road including approx. 240m long mountain tunnels.

