

ARCHITECTURAL BUILDING WORKS

Operations

In 1973, TOA established the Building Department and became a full-fledged general contractor. Since then, TOA has accumulated experience and earned a reputation as a reliable and quality builder by completing various projects, including industrial buildings, such as factories, power plants, warehouses and cold storage; educational facilities, such as schools; cultural and recreational facilities, such as gymnasiums and sports centers; medical and welfare facilities, such as hospitals

and nursing care facilities for the elderly; commercial buildings, such as offices, shopping malls and hotels; and residential buildings.

In response to the social demands in this modern era, TOA has developed new technologies, such as roof gardening, energy-saving designs for environmental sustainability, earthquake-proof mechanisms for disaster prevention and HACCP food processing systems for food safety.

PT. Mitsuyoshi Manufacturing Indonesia Pressing Machine Factory (Indonesia)

Toa Corporation was engaged in building of a new pressing machine factory in Bukit Indah located nearby the automobile park in West Java, Indonesia. The area allocated for the whole factory was over 30,000m². Toa Corporation was also in charge of the project, which was the construction of new

administration building.



Cool Japan CLK Vietnam New Cold Storage Warehouse (Vietnam)

This construction work is the first stage of the Asia Cold Chain business (cold storage logistics), which is financed and carried forward by Cool Japan Fund. This project establishes the first full-scale cold storage warehouse in Vietnam, with the purpose of expanding distribution of

high quality Japanese foodstuff throughout Southeast Asia.



One's Tower (Tokyo, Japan)

In Higashi-Murayama City, located in the west part of the Tokyo Metropolitan Area, an urban renewal project was carried out in the district west of Higashi-Murayama Station of the Seibu Line. Among the projects undertaken there, TOA constructed "One's Tower," a 100-meter high-

rise building that was completed in August 2009. The building, a symbol of the city, is connected directly with the train station and has shopping areas, public spaces from the 1st through 4th floors on the 5th through 25th floors.



Newly Completed Project

Construction Work on Kanto Distribution Center Sugito Office

Construction work has been completed on the Kanto Distribution Center Sugito Office in Kita-Katsushika-gun in Saitama Prefecture. The RCS hybrid construction method, a proprietary technology of the Company that uses columns for RC construction and beams for S construction, was utilized for this construction work in the northern Kanto region, which is highly regarded for the advantages of its location due to the opening of the Metropolitan Inter-City Expressway (Ken-O Expressway). Moreover, the Company designed and constructed the building as a high-functioning warehouse capable of both constant temperature and room temperature. The warehouse takes the global environment into consideration and uses environmentally friendly refrigerant gas.



- **Client** Kawanishi Warehouse Co., Ltd.
- **Construction period** July 2017 to March 2019
- **Project outline** Warehouse; built by RCS structure with three floors above ground
- **Site of construction** Kita-Katsushika-gun, Saitama Prefecture

Thai Binh Thermal Power Plant Project

Civil engineering and construction work has been completed on the Thai Binh Thermal Power Plant in Thai Binh Province in the Socialist Republic of Vietnam.

As the site of this construction work is on an estuary, the ground is made up of soft soil. Before construction work of the plant itself could begin, it was necessary to first carry out ground improvement work (execution of work), which was accomplished by the Company based on the long years of knowledge and experience it had accumulated in improving soft ground in that area. Following the ground improvement work, work on the main structures comprising a building for the turbine and the foundation for the boiler (construction work), an offshore pier (design and construction) as well as appurtenant facilities were carried out.

This power plant is expected to contribute greatly to solving the shortage of electric power that is plaguing Vietnam, a country enjoying phenomenal economic growth.



- **Client** Marubeni Corporation
- **Construction period** March 2014 to April 2018
- **Project outline** Construction thermal power plant (2 x 300 MW)
Ground improvement work; construct building for turbine work; build foundation for boiler work; construct foundation for smoke exhaust facility work; construct building for WWT work; pier; construct foundation for conveyor work
- **Site of construction** Thai Binh Province, Socialist Republic of Vietnam