

# 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 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; industrial buildings, such as factories, power plants, and warehouses; and residential buildings.

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

### Phu My Power Plant Phase I in Vietnam

Hoping to attract a steady inflow of foreign investments, the Vietnamese Government needed to solve the shortage of electric power, and designated the Phu My district, 80km southeast of Ho Chi Minh City, as the location to develop a new electric power complex. In 1998, with funding from an aid-loan from the Japanese Government, Vietnam Electricity gave a full turn-key contract to Mitsubishi Heavy Industries Co., Ltd. to build the Phu My Power Plant, Phase I, comprising four generation units capable of generating a total of 1,000MW. As a nominated contractor, TOA took charge of all civil and building works for the project. The TOA members selected for the project fully displayed a high level of skill and expertise in completing various architectural works, including a turbine-housing building, control and administration

buildings, warehouses, and other utility buildings, in addition to civil engineering works, such as a coal unloading jetty and cooling water intake and discharge facilities, completing all works on schedule and providing great satisfaction to the client.



### Kawaminami Town Cultural Hall, Kawaminami Town, Miyazaki Prefecture

Kawaminami Town, located in Miyazaki Prefecture on Kyushu Island, planned to construct a cultural complex composed of a multipurpose hall seating 650 people, a library, seminar room, and auxiliary facilities with a total floor area of 6,613m<sup>2</sup> on a lot covering 10,740m<sup>2</sup>. Construction commenced in 1997 and was completed in 1999. The exterior design of the main hall, which combined a circular truncated cone and stacked horseshoe shapes, was aimed at symbolizing ancient burial mounds preserved for generations by the local communities. The entire design used various geometric shapes interwoven with each other, blending in harmony with the topographical features and the rich natural environment of the town. TOA devoted its accumulated expertise to complete the project in an environmentally-friendly and safe manner.



## Anzen-cho Distribution Center



TOA has been engaged in a variety of land development projects at coastal districts in Japan. The Company has, in particular, made contributions to advancing the development of coastal areas in Tokyo Bay. Anzen-cho, the birthplace of the Company, is located in this area and was developed by the Company's founder, Souichiro Asano.

The area plays a key role in logistics, with its large-scale warehouses and distribution centers. To cope with demand arising from a highly-commercialized society, TOA has constructed many buildings with systems that can be integrated with safety and ecological considerations, and seismic isolation systems to cope with large-scale earthquakes.

## Kaolack Central Fish Market in Senegal

In 2003, TOA was awarded a contract by the Government of the Republic of Senegal to construct a new, modern fish market in Kaolack City, located approximately 200km southeast of Dakar. Funded by Japan's ODA loan program, the project included the construction of a market building with 1,936m<sup>2</sup> of floorspace, an 811m<sup>2</sup> ice plant building, a refrigeration system, an ice production plant, a sewage treatment system, and other auxiliary utilities. TOA carried out the project safely



and in harmony with the local communities and the rich natural environment, providing excellent quality in completing all works in 2005 on schedule.

## Newly Completed Project

### One's Tower

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 and public spaces from the 1st through 4th floors called "One's Plaza," and houses 182 stores on the 5th through 25th floors.

