

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.

Kaolack Central Fish Market in Senegal

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 1,936m² of floorspace, an 811m² ice plant building, a refrigeration system, an ice production plant, a sewage treatment system, and other auxiliary utilities.

New Construction Work for Aizumicho Town Gymnasium (provisional name) (Tokushima Prefecture)



Work was completed in January 2013 on the construction of the Aizumicho Town Gymnasium (provisional name), which was commissioned by the town of Aizumicho in Tokushima Prefecture on Shikoku Island. This three-story building is a modern gymnasium of RC construction, with a total floor area of 5,208.46m². It is a full-fledged gymnasium with the second floor equipped with seating for more than 500 spectators. As this building is ideally located almost in the middle of the town of Aizumicho, praise has been widespread and the expectations have been high for its use as an emergency facility in the event of a disaster such as the Nankai Trough Earthquake, which many believe could occur in the near future. Moreover, the gymnasium, as a culture and sports facility that is a symbol of the town, presents an appearance that harmonizes the traditional with the

modern in various ways, such as using tiles on the outer walls of the building that bring to mind the image of "indigo warehouses," which have a very close connection with the town.

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.



Renovation of the Higashi-Ogishima No. 5 Distribution Center Building(Kanagawa Prefecture)

Construction of the Higashi-Ogishima No. 5 Distribution Center has been completed at Higashi-Ogishima, a man-made island situated in Tokyo Bay. This project was unprecedented because an existing general warehouse was converted entirely to a refrigerated warehouse. As there are a large number of refrigerated warehouses that have become old and dilapidated, this project has caught the attention of the refrigerated warehouse industry as a new business approach. For Toa Corporation, too, which has a wealth of experience in refrigerated warehouses and freezer warehouses, this project provided an opportunity for its design and work execution technologies to bear fruit in a new field.

■ **Client** Igarashi Reizo Co., Ltd.

■ **Construction period** April 2014 to March 2015

■ **Project outline**

Use: Refrigerated warehouse; Structure: SRC structure with 5 floors above ground; Total floor area: 25,927.64 m²; Building area: 6,866.53 m²; Site area : 10,000.01m²; Outline: Conversion of a dry storage warehouse to a refrigerated warehouse

■ **Site of construction** Kawasaki City, Kanagawa Prefecture



New Construction Work of the Main Hall and Living Quarters for Priests at Ganjoji Temple (Yamanashi Prefecture)

New construction work has been completed on the main hall and priest's quarters at Ganjoji Temple, a temple of the Soto sect located in Nirasaki City, Yamanashi Prefecture. According to temple records, this temple was built in the year 928, and with the enshrining of the bodhisattva Ksitigarbha, it was given the name Ganjoji. Furthermore, it is said that the temple had a close connection with the Takeda Family of Kai (the name of an ancient province that is now the Yamanashi region), which produced the famous warlord Takeda Shingen. The grave of Lord Takeda Nobuyoshi, an ancestor of Takeda Shingen from 15 generations back, is at this temple. This project called for rebuilding the temple's main hall and priest's quarters, which had become dilapidated. Ganjoji Temple was built in the Zen style, one of the traditional styles of Japanese architecture for temples.

■ **Client** Ho-Oh-San Ganjoji Temple

■ **Construction period** December 2011 to December 2014

■ **Project outline**

Use: Main hall of the temple, drawing room, priest's quarters; Structure: Wooden one-story building; Total floor area: 475.72 m² (143.91 tsubo)

■ **Site of construction** Nirasaki City, Yamanashi Prefecture

