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Meidensha Corporation

Meiden joins Shizuoka Prefectural industrial waterworks project as a group member

Project marks Japan's first Water PPP Level 3.5 for an industrial waterworks initiative

As a member of the Daiho Corporation Group, Meiden Corporation (Meiden) has signed a contract with the Public Enterprise Agency of the Shizuoka Prefectural Government to participate in an industrial waterworks project. The contract, valued at 9,261.7 million yen (excluding tax), involves a consortium of seven companies led by Daiho Corporation.

The project is part of the Fujisan Industrial Waterworks Project and involves facility renewal support, utilizing a comprehensive consignment to the private sector. It includes the construction of a new pumping station and the operation and maintenance of existing facilities, such as a water treatment facility. This is the first application of Water PPP Level 3.5 in industrial waterworks in Japan.



Conceptual drawing for the new pumping station of the Fujisan Industrial Waterworks Project

■ About Water PPP

Water PPP (Public-Private Partnership) is an innovative approach designed to effectively operate and manage water-related public facilities, including water

supply, sewerage, and industrial waterworks systems, by utilizing technologies of the private sector.

There are two key approaches: Level 4 and Level 3.5. Level 4 is a concession method where the operational rights of public facilities are transferred to the private sector, while ownership of the facilities remains with the public sector. Level 3.5 serves as a transitional phase towards Level 4. This approach involves the unified administration and renewal management of public facilities by the private sector.

Many local governments across the nation are adopting Water PPP to enhance the management of their water infrastructure.

■ About the Daiho Corporation Group

The Group consists of Daiho Corporation, Water Agency Inc., CTI Engineering Co., Ltd., Tokura Corporation, Ishiigumi Corporation, Ebara Jitsugyo Co., Ltd., and Meiden. Meiden is responsible for designing, manufacturing, and installing electrical equipment at the new pumping station.

Under the slogan “Reborn with the Power of the Prefecture, People, and Region: Rejuvenation of the Fujisan Industrial Waterworks,” the project aims to achieve sustainable operation of the waterworks by streamlining processes and reducing costs. This goal will be accomplished by leveraging the private sector's expertise while maintaining management methods and technologies developed over time in Shizuoka Prefecture. The Group adheres to five project implementation principles to optimize operations through a strong partnership with the prefecture, ensuring the successful realization of the project's basic policies

Reborn with Power of the Prefecture, People and Region: Rejuvenation of the Fujisan Industrial Waterworks

Group's Five Principles for Project Implementation:

1. Streamline operations through the use of the latest digital transformation technologies.
2. Ensure facilities have excellent earthquake and crisis resistance, along with superior maintainability.
3. Explore flexible strategies to extend facility longevity and optimize scale.

4. Offer practical and diverse educational and training programs.
5. Operate the project smoothly and reliably based on regionally based practices.

■ Project overview

Work to be Completed: Design and construction of the new pumping station, as well as a pipe connecting the two existing intake pipe systems: Takidosen and Gakunan.

Project Period: Late August 2024 to March 31, 2031

Planned Project Location: 1328-1 Denbo, Fuji, Shizuoka Prefecture, other

Meiden is committed to contributing to the growth of water infrastructure operations, including water PPP, by utilizing high-quality electrical equipment developed through its extensive history, as well as its expertise in digital technologies.

■ Reference

Website of the Shizuoka Prefectural Government

Comprehensive Private Sector Consignment Project of the Fujisan Industrial Waterworks Project (Renewal Support Type)