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Toshiba Water Solutions Private Limited

Toshiba Infrastructure Systems &amp; Solutions Corporation

**Toshiba Receives Contracts for Eight (8) Sewage Treatment Plants in Bengaluru, entailing Upgradation, Rehabilitation and O&M Services**

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**Gurugram, India** — Toshiba Water Solutions Private Limited (hereinafter Toshiba Water), a subsidiary of Toshiba Infrastructure Systems & Solutions Corporation (hereinafter TISS) today announced that it has received a contract from the Bangalore\*<sup>1</sup> Water Supply and Sewerage Board (hereinafter BWSSB) for Design, Upgradation, Rehabilitation (with capacity augmentation) and Operation & Maintenance (O&M) services of three (3) Sewage Treatment Plants (STPs) and Upgradation & Rehabilitation of five (5) STPs in Bengaluru, Karnataka, India.

On this occasion, **Mr. Hiroaki Kobayashi, Chairperson and Managing Director, Toshiba Water** said, “After receiving the contract for TK Halli Water Treatment Plant in 2020, these are our second set of contracts with BWSSB. This order for upgradation, rehabilitation (& capacity augmentation) of and O&M services across three sewage treatment plants and upgradation & rehabilitation across five (5) STPs in Bengaluru is a testimony to our superior EPC\*<sup>2</sup> and O&M services. By leveraging our water treatment solutions and technologies cultivated through years of development and extensive experience in overseas EPC\*<sup>2</sup> and O&M projects, Toshiba Water is committed to contribute to sustainable water recycling systems in India, to turn on the promise of a new day.”

The contract entails the Upgradation, Rehabilitation of and O&M services for the Kadubeesanahalli STP, Mylasandra STP, and Doddabele STP and the upgradation & rehabilitation for other five (5) STPs in Bengaluru. Toshiba Water will commence plant construction and O&M services in sequence.

Consisting of the Bengaluru core area, eight (8) Urban Local Bodies, and 110 villages around Bengaluru is regarded as the “Silicon Valley of India.” Rapid industrial development has led to a growing increase in population and an expansion of the urban area. Therefore, the most urgent issue is to improve the sanitation and water environment of these villages. In 2009, the government of India launched the National Urban Sanitation Policy with the goal of providing access to safe sanitary facilities through educational and other activities for the residents while the government of the Karnataka state published the Karnataka Water Policy with the goal of providing water supply and sewage services for the entire population of the Karnataka state.

The purpose of the projects that Toshiba Water will engage in is to upgrade sewage infrastructure to cope with the increasing population and conform to the revised latest effluent quality standard.



Toshiba Water engages in EPC and O&M businesses for public water supply, sewage, and industrial water treatment facilities around the world, including in India, Southeast Asia, West Asia, Middle East, and North and Central Americas.

TISS and Toshiba Water endeavor to contribute to the establishment of sustainable water recycling systems and the creation of environmentally advanced communities by combining its monitoring, control, energy-saving, and other solutions with Toshiba Water's expertise and experience in EPC and O&M cultivated through the projects in India and elsewhere.

(\*1): Although the city of Bangalore was renamed Bengaluru in 2006, BWSSB has continued using Bangalore in its name.

(\*2): EPC: Engineering, procurement, and construction

## Contract Outline:

### 1. Upgradation, Rehabilitation and O&M services

#### Kadubeesanahalli Sewage Treatment Plant

Description: Design, Upgradation and Rehabilitation of the STP (Capacity: 50,000 m<sup>3</sup> per day); conversion from Extended Aeration system to Anaerobic Tank, Anoxic and Aeration tank system (A2O Process Technology) with Tertiary Filtration and four-year O&M services following the commissioning of plant. The existing plant shall also be Operated and maintained during upgradation process.

Construction period: Two years from March 2023 (scheduled for completion in February 2025)

O&M period: Six years from March 2023 (two years during construction and four years thereafter)

#### Mylasandra Sewage Treatment Plant

Description: Design, Construction, Upgradation (with Capacity Augmentation) and Rehabilitation of the STP (capacity increase from 75,000 m<sup>3</sup> per day to 100,000 m<sup>3</sup> per day); conversion from Extended Aeration system to Anaerobic Tank, Anoxic and Aeration tank system (A2O Process Technology) with Tertiary Filtration and O&M services following the commissioning of plant.

Construction period: Two years from March 2023 (scheduled for completion in February 2025)

O&M period: Five years from March 2025

#### Doddabele Sewage Treatment Plant

Description: Design, Construction, Upgradation (with Capacity Augmentation) and Rehabilitation of the STP (capacity increase from 20,000 m<sup>3</sup> per day to 35,000 m<sup>3</sup> per day); and O&M services following the commissioning of plant.

Construction period: Two years from March 2023 (scheduled for completion in February 2025)

O&M period: Five years from March 2025

### 2. Upgradation & Rehabilitation

- 15,000 m<sup>3</sup> per day, Yallamallappachetty Sewage Treatment Plant



- 20,000 m<sup>3</sup> per day, Ulsoor Sewage Treatment Plant
- 90,000 m<sup>3</sup> per day, Bellanduru STP Sewage Treatment Plant
- 20,000 m<sup>3</sup> per day, Nagasandra Sewage Treatment Plant
- 40,000 m<sup>3</sup> per day, Rajacanal Sewage Treatment Plant



Kadubeesanahalli Sewage Treatment Plant



Doddabele Sewage Treatment Plant



Mylasandra Sewage Treatment Plant

## **ABOUT TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION**

Toshiba Infrastructure Systems & Solutions Corporation (TISS) is the core company promoting Toshiba Group's business in social infrastructure. Split off from Toshiba Corporation in 2017, TISS and its group companies promote realization of a reliable products and systems for a sustainable future that is safe



and secure, and seeks to improve value for customers with solutions for social and industrial infrastructure, buildings and facilities.

## **ABOUT TOSHIBA WATER SOLUTIONS**

Toshiba Water Solutions Private Limited (Toshiba Water) is an international multi-disciplinary environmental services company, headquartered in India that specializes in providing turnkey services in water and wastewater collection, treatment and disposal. A wholly owned subsidiary of Toshiba Infrastructure Systems & Solutions Corporation (TISS), Toshiba Water provides complete, single-source services from engineering and design to construction and installation of water, wastewater and domestic waste treatment facilities.

### **For more information, please contact:**

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