



ADVANCED WATER **SOLUTIONS FOR** **CONSTRUCTION** **PROJECTS**



+4,000

Installed
Systems

+1,500

Improved
Systems

+32

Years of
Experience

+10M

Gallons of Water
Purified Per Day

About **IWTE**

With over **32 years** of experience, IWTE offers state-of-the-art water treatment solutions specifically tailored for the construction industry.

Whether you're developing luxury compounds, high-rise hotels, shopping malls, or factories, our **customized water systems** ensure efficient water management and **long-term sustainability**.

THE IMPORTANCE OF WATER MANAGEMENT IN **MODERN** **CONSTRUCTION**

Water plays a crucial role in the success of any large-scale construction project.

From irrigation and drinking water to cooling systems and wastewater management, having a **reliable water solution** in place reduces operational costs, improves sustainability, and ensures efficient daily operations.

IWTE provides innovative, cost-effective solutions that allow developers to **manage water efficiently**, meet regulatory requirements, and achieve **sustainability goals**.



IWTE SOLUTIONS FOR THE CONSTRUCTION INDUSTRY

Customized Water Systems for Your Development

RO (REVERSE OSMOSIS) SYSTEMS FOR BRACKISH & SEAWATER

Ideal for developments near coastlines or in water-scarce areas, these systems turn brackish or seawater into **usable water** for drinking, landscaping, and cooling.

WATER RECYCLING & REUSE SYSTEMS

IWTE's recycling systems treat and reuse wastewater for **non-potable uses**, such as landscaping, toilet flushing, and HVAC systems, reducing overall water consumption.

GREYWATER TREATMENT SYSTEMS

Treat and reuse greywater from sinks, showers, and laundry for irrigation and non-potable uses. This supports green building standards and **enhances sustainability efforts**.

FILTRATION & SOFTEN- ING SOLUTIONS

Our filtration and softening systems provide clean, high-quality water for drinking, irrigation, and HVAC systems. These systems also **protect infrastructure** by preventing scale buildup in pipes and equipment.

DISINFECTION SYSTEMS (UV/OZONE/CHLORINE DIOXIDE)

Ensure **water safety** with IWTE's disinfection systems, which remove harmful pathogens and bacteria from water, meeting health standards and protecting building occupants.

FLEXIBLE WATER FINANCING: BOO & BOT MODELS

1. BOO (BUILD, OWN, OPERATE) MODEL

Through the Build, Own, Operate model, IWTE offers developers a turnkey water solution where we design, finance, and manage the water treatment systems.

This allows developers to focus on construction while IWTE handles the ongoing operation and management of the water systems. The BOO model ensures you have access to cutting-edge water technology without the upfront capital investment.



GUARANTEED OPERATIONAL EFFICIENCY

IWTE manages and operates the system throughout its lifecycle.

NO CAPITAL INVESTMENT

IWTE takes care of the initial costs.

COST PREDICTABILITY

Developers can benefit from a predictable cost structure for water treatment and management.

2. BOT (BUILD, OPERATE, TRANSFER) MODEL

With the Build, Operate, Transfer model, IWTE designs, builds, and operates the water treatment systems for an agreed-upon period, after which the ownership is transferred to the developer.

The BOT model is ideal for developers who want to eventually take over the management of their water systems but prefer to outsource the initial stages.



RISK-FREE DEVELOPMENT

IWTE manages the system until it is fully functional and reliable.

SMOOTH TRANSITION

Ownership and operation are transferred seamlessly after the contract period.

LONG-TERM VALUE

This model helps developers avoid the complexity of water system construction and operation during the early phases of the project.

Both models provide **financial flexibility**, allowing you to **focus on your core business—developing** residential, commercial, or industrial projects—while ensuring **sustainable water management**.

IWTE RIGHT ECONOMICAL SOLUTION PYRAMID



01 CUSTOM WATER SOLUTIONS FOR EVERY PROJECT

IWTE collaborates closely with developers to assess the specific needs of each project, ensuring that the water treatment solutions are precisely tailored to your operational requirements, whether for residential compounds, hotels, business centers, or factories.



02 OPTIMIZED WATER USE AND COST SAVINGS

IWTE's water systems are designed to reduce waste, increase efficiency, and cut costs. Whether through solar-powered water solutions or recycling systems, we ensure sustainable, cost-effective water management for your development.



03 WORLD-CLASS EXPERTISE WITH LOCAL IMPACT

Leveraging global expertise and local knowledge, IWTE delivers solutions that meet the unique challenges of construction in different regions. Our expertise ensures that your water systems are designed for long-term reliability and environmental compliance.



04 SUSTAINABLE WATER SOLUTIONS

IWTE focuses on delivering environmentally friendly solutions, from greywater reuse to solar-powered water treatment systems, helping developers meet sustainability certifications like LEED while reducing operational costs.

WATER CHALLENGES IN THE CONSTRUCTION INDUSTRY:



RELIABLE WATER SUPPLY:

Projects in water-scarce areas often face difficulties in ensuring a stable water supply. IWTE's RO systems and water recycling technologies help mitigate this challenge.



REGULATORY COMPLIANCE:

Developers must comply with local regulations regarding water use and treatment. IWTE ensures that your project meets all water management regulations, preventing delays and penalties.



SUSTAINABILITY PRESSURES:

With growing expectations for green buildings, developers need solutions that enhance sustainability. IWTE's systems, including water recycling and BOO/BOT models, help you meet environmental standards while keeping costs in check.

WHY DEVELOPERS PARTNER WITH IWTE?



TAILORED FOR LARGE-SCALE DEVELOPMENTS

IWTE's expertise covers a wide range of projects, from residential compounds to industrial complexes, providing the water solutions needed for efficient management and environmental compliance.



COMPLETE WATER SYSTEM MANAGEMENT

From design and installation to operation and maintenance, IWTE supports your water system's full lifecycle, ensuring optimal performance and long-term value.



EXPERT CONSULTATION & TECHNICAL SUPPORT

IWTE provides expert consultation and technical guidance, helping you identify the right solutions for your project's water management challenges.

COLLABORATE WITH IWTE FOR YOUR NEXT DEVELOPMENT

Join the developers who trust IWTE for their water treatment needs.

Whether you're building a luxury residential complex, commercial mall, hotel, or factory, IWTE's water solutions, including BOO and BOT financing models, will help you manage water efficiently and sustainably.

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