



# *Desalination for Resort*

## *Kingdom of Bahrain, 550 m<sup>3</sup>/day*

### **Project Description:**

Lenntech has engineered, installed and commissioned a turnkey desalination system, including multimedia filtration, particle filtration, conventional reverse osmosis and post UV treatment. The treated water is used for a multitude of utilities in the luxurious resorts complex. The complete system is equipped with top brand instrumentation, advanced automation and equipment. The system is completely from European origin and is delivered with a certificate of origin.

### **Scope of Work:**

- Engineering, manufacturing and assembly
- Containerized system with air-conditioning
- Multimedia filtration
- Reverse osmosis unit
- UV Disinfection unit
- Chemical dosing stations
- CIP/rinsing station
- Siemens PLC
- Site commissioning
- Service and maintenance

### **Project duration:**

July 2018 to February 2019

### **Project location:**

Kingdom of Bahrain

### **Product quality:**

Conductivity < 300 uS/cm

### **Project application:**

Utilities Water for Resort

### **Typical contract amount:**

80.000 – 150.000 EUR

**LENNTECH**  
WATER TREATMENT SOLUTIONS