

WATER

Place

Izmir, Turkey

Client

Izmir Water and Wastewater
Administration

Date

02/2014 - 12/2014

Financing

Izmir Water and Wastewater
Administration

Yapım Maliyeti

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HALKAPINAR WATER TREATMENT PLANT FOR HIGH ARSENIC CONTENT



Proje Description:

1st phase of Halkapinar Water Treatment Plant with capacity of 1000 l/s has been put operation in 2009. In the scope of this Project, an additional water treatment plant with a capacity of 500 l/s to treat ground water having high arsenic content and sludge treatment plant generated from both plants are designed. The plant consists of steel pressure filters located in a steel building, backwash water storage tank, settling tank, treated water tank, sludge storage tank and centrifuge sludge decanters.

Scope of Services:

- Process design,
- Preparation of implementation and detailed architectural, structural, mechanical and electrical designs,
- Preparation of bill of quantities and cost estimations,
- Preparation of tender documents.