

Water Supply System Nisporeni/Moldova

Description of works of WTP 60 lit/sec

Supply and Installation of Mechanical and Electrical and SCADA equipment for the “platforms” River Intake, Siphon Line, Raw Water Pumping Station, Intermediate Pumping Station, Pressure Breaking Chamber, Reservoir West, Reservoir Grozești, Reservoir Vărzărești West.

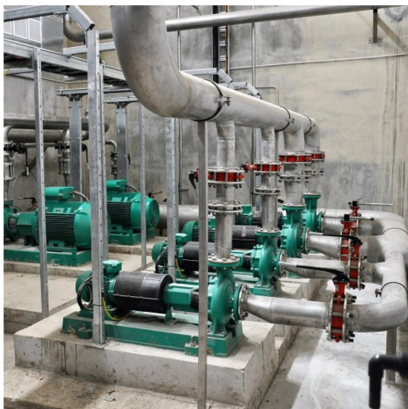
Supply and Installation of Mechanical and Electrical and SCADA equipment for the Water Treatment Plant (WTP) (including “Clear Water Pumping Station”). The WTP is designed as 2-street-System (2 x 30 l/s).

The entire plant building is designed in a steel girder hall, equipped with thermo insulation, which rests on a reinforced concrete plate (foundation). On the lower level 5,0 m there is the Clear Water Pumping Station and the reinforced concrete clear water tank.

Bordering to the WTP-building is the laboratory building. Adjacent to the “main building” there is the storage for storage of aluminium sulphate, potassium permanganate and lime. Power supply will be done from the main transformer station.



The system has to remove hydrocarbonatse, Ammonia-N, Suspended solids and Coliphages and consist of Flocculation Chamber, Oxidation, potassium permanganate dosing station, Multilayer sand filters, Activated carbon (AC) filters and Disinfection, Sodium hypochlorite dosing station.

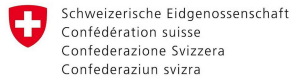




Water Supply System Nisporeni/Moldova

Water Treatment Plant 5.184 m³/day

The multinational donor group consists of the European Union (EU), the Government of Austria, represented by the Austrian Development Agency (ADA), the Government of Switzerland, represented by the Swiss Agency for Development and Cooperation (SDC); furthermore, the Ministry of Environment of the Republic of Moldova, the Rayon Council of Nisporeni and the Beneficiaries.



As Project Implementation Contractor (PIC) has been selected UNIHA Wasser Technologie GmbH with Ginzler as J/V. The total value was 2.626.000 EUR.

The new system will allow access to safe and sufficient drinking water for the local population, thus improving their quality of life and state of public health.

Client:
Municipality of Nisporeni



Project:
Water Supply System in the Rayon Nisporeni. Water production facilities – mechanical, electrical and scada works. Capacity: 60 lit/sec



Water Supply System Nisporeni/Moldova

Description of works of WTP 60 lit/sec

Supply and Installation of Mechanical and Electrical and SCADA equipment for the “platforms” River Intake, Siphon Line, Raw Water Pumping Station, Intermediate Pumping Station, Pressure Breaking Chamber, Reservoir West, Reservoir Grozești, Reservoir Vărzărești West.

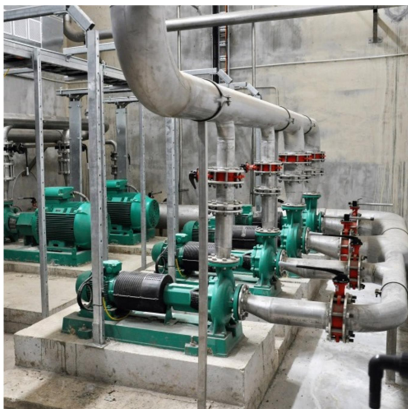
Supply and Installation of Mechanical and Electrical and SCADA equipment for the Water Treatment Plant (WTP) (including “Clear Water Pumping Station”). The WTP is designed as 2-street-System (2 x 30 l/s).

The entire plant building is designed in a steel girder hall, equipped with thermo insulation, which rests on a reinforced concrete plate (foundation). On the lower level 5,0 m there is the Clear Water Pumping Station and the reinforced concrete clear water tank.

Bordering to the WTP-building is the laboratory building. Adjacent to the “main building” there is the storage for storage of aluminium sulphate, potassium permanganate and lime. Power supply will be done from the main transformer station.



The system has to remove hydrocarbonatse, Ammonia-N, Suspended solids and Coliphages and consist of Flocculation Chamber, Oxidation, potassium permanganate dosing station, Multilayer sand filters, Activated carbon (AC) filters and Disinfection, Sodium hypochlorite dosing station.



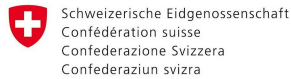


Water Supply System Nisporeni/Moldova

Water Treatment Plant 5.184 m³/day

The multinational donor group consists of the European Union (EU), the Government of Austria, represented by the Austrian Development Agency (ADA), the Government of Switzerland, represented by the Swiss Agency for Development and Cooperation (SDC); furthermore, the Ministry of Environment of the Republic of Moldova, the Rayon Council of Nisporeni and the Beneficiaries.

Client:
Municipality of Nisporeni



As Project Implementation Contractor (PIC) has been selected UNIHA Wasser Technologie GmbH with Ginzler as J/V. The total value was 2.626.000 EUR.

Project:
Water Supply System in the Rayon Nisporeni. Water production facilities – mechanical, electrical and scada works. Capacity: 60 lit/sec

The new system will allow access to safe and sufficient drinking water for the local population, thus improving their quality of life and state of public health.

