

**MINISTRY OF ENVIRONMENT AND URBANISATION DEPARTMENT OF EUROPEAN UNION
INVESTMENTS**

Construction of Kastamonu Wastewater Treatment Plant

Contract	Date : 03.12.2019 Period : 20.02.2022
General Description	<ul style="list-style-type: none">• Design Studies for “Kastamonu Waste Water Treatment Plant Construction Work,• Construction of Kastamonu Waste Water Treatment Plant for partially 31.978 m3/ day capacity (138.694 Population Equivalent) and partially for 38.267 m3/ day capacity (169.614 Population Equivalent), treating carbonous, nitrogen and phosphorus content of sewage,• All mechanical equipment supply, erection, start-up and training• Supply of laboratory equipment• All electrical equipment and instrumentation supply, automatic operation and control of the plant by PLC and SCADA,• Stone Trap,• Coarse and Fine Screen,• Lifting Station,• Aerated Grit and Oil Chamber,• Primary Clarifiers,• Bio-phosphorus (Anaerobic) Basins,• Aeration Basins,• Final Clarifiers,• Microfiltration and UV system for effluent,• FeCl3 Dosing Station,• Primary Sludge and Secondary Sludge Thickening System,• Anaerobic Sludge Digestion System,• Biogas Storage Balloons,• Biogas utilization and electrical power generation by CHP (Combined Heat and Power),• Sludge Dewatering System,• Solar Sludge Drying System,• Sludge Stock Area,• Odour Removal System,• All Civil Works,• Operation of plant for 90 days,• Providing technical guiding and assistance for Kastamonu Wastewater Treatment Plant for 2 year period