Hendek Sewerage System and Wastewater Treatment Plant

Scope:
Maintenance-repair and operation services of described wastewater treatment plant for 12 months including operational personnel and maintenance staff, disposal of screening and sludge, supply of chemicals, maintenance of electrical and automation system, pumping station ans sewerage network and energy supply of the plant.

Plant Description:

Pre-Treatment
• Screening and Pumping Station
• Grit & Grease Removal
• Primary Sedimentation

Biological Treatment
• Activated Sludge System with Surface Aerators
• Secondary Sedimentation

Sludge Treatment
• Sludge Thickening
• Aerobic Sludge Digestion with Surface Aerators
• Sludge Dewatering with Beltpress

Sewerage System
• 130 km of main collectors and connections varying from DN1400 to DN 200

Capacity

<table>
<thead>
<tr>
<th>Flow</th>
<th>13,000 m³/day</th>
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<tbody>
<tr>
<td>Population Equivalent</td>
<td>65,000 PE</td>
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<thead>
<tr>
<th>Parameter</th>
<th>Influent</th>
<th>Effluent</th>
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<tbody>
<tr>
<td>BOD₅ (mg/l)</td>
<td>500</td>
<td>30</td>
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<tr>
<td>TSS (mg/l)</td>
<td>670</td>
<td>30</td>
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