



**Project Title: Herris wastewater treatment and sewage collection network**

Sector	Infrastructure
Sub Sector	water and wastewater
Products / Services	Sewage
location	Heris, East Azarbaijan province
Project description	It is considered according to census in 2006 Herris population are 10057 people. With 1% growth rate estimated to 13310 people in 2036. Production of waste per capita to 177 litres per day, infiltration 30 litres per day per person, the per capita water infiltration 20 LPCD and the average flow rate of 6151 m³ per day of wastewater to the treatment plant and treatment process systems is MLE .The sewerage network length Km 61, Transmission line in diameter of 800 mm is designed 5 km.The area about 3 hectares from the 300 meters of the city in the southwest and adjacent to the watercourse Horailo, which is owned by the Client, due to the main gas transmission line in Herris and the obligation to respect the privacy ,the pipeline in about 1 hectare will not be available.
Annual capacity	6151 m³ per day

**Local/ internal raw material access:** Raw material for the project is partly provided from internal and some other part by foreign, but the raw material is raw sewage producing.

**Sale:**

- Anticipated local market: 100%
- Anticipated export market: 0%

**Construction Period:** 3 years

**Project Status:**

- Feasibility study available? Yes
- Required land provided? Yes
- Legal permissions (establishment license, foreign currency quota, environment, etc) taken? Yes
- Partnership agreement concluded with local/foreign investor? No
- Financing agreement concluded? No
- Agreement with local / foreign contractor(s) concluded? No
- Infrastructural utilities (electricity, water supply, telecommunication, fuel, road, etc) procured? Yes
- List of know-how, machinery, equipment, as well as seller / builder companies defined? No
- Purchase agreement for machinery, equipment and know- how concluded? No



Descriptions	Local Currency Required			Foreign Currency Required (Million Euro)	Total Million Euro
	Million Rial	Rate	Equivalent in Million Euro		
Fix Capital	172549	50700	3.403	0.00	3.403
Working Capital	19876	50700	0.392	0.00	0.392
Total Investment	192425	50700	3.795	0.00	3.795
<ul style="list-style-type: none"><li>• Value of foreign equipment / machinery: - Million Euro</li><li>• Value of local equipment / machinery: - Million Euro</li><li>• Value of foreign technical know-how: - Million Euro</li><li>• Value of local technical know-how: - Million Euro</li><li>• Net present value (NPV): 1.78 million Euro for 20 years</li><li>• Internal Rate of Return (IRR): 32.5%</li><li>• Payback Period: 9 years from the beginning of the construction</li></ul>					

**Project Type:** ☐ Establishment ☒ Expansion and completion

**Local Entrepreneur:** ☐ Private sector ☒ Public sector

**Company Profile**

**Name (legal /natural persons):** Mr. Alireza Imanloo

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