"Detailed Design Works for Wastewater Treatment Plants for the cities of Baghdati and Vani, Service Centers and Sairme Resort Water Treatment Plant"

"Detailed Design Works for Wastewater Treatment Plant for the Samtredia City"

Clarification Set №1

<table>
<tr><th>№</th><th>Question</th><th>Response</th></tr>
<tr><td>1.</td><td>For the purpose of determining the cost parameters of wastewater treatment facilities and the associated infrastructure, the following data are required:

– The capacity of the treatment facilities.</td><td>Below are the indicative capacities provided under the conceptual design, which may be adjusted during the detailed design stage:
<table>
<tr><th>Hydraulic load Design horizon 2027</th><th>Baghdati</th><th>Vani</th><th>Unit</th></tr>
<tr><td>Total Average dry weather flow (for Biological treatment design)</td><td>992</td><td>1,101</td><td>m³/d</td></tr>
<tr><th>Hydraulic load Design horizon 2040</th><th>Baghdati</th><th>Vani</th><th>Unit</th></tr>
<tr><td>Total Average dry weather flow (for Biological treatment design)</td><td>1,979</td><td>1,519</td><td>m³/d</td></tr>
<tr><th>Hydraulic load Design horizon 2027</th><th></th><th>Sairme</th><th>Unit</th></tr>
<tr><td>Total Average dry weather flow (for Biological treatment design)</td><td></td><td>202</td><td>m³/d</td></tr>
<tr><th>Hydraulic load Design horizon 2027</th><th>Samtredia</th><th></th><th>Unit</th></tr>
<tr><td>Total Average dry weather flow (for Biological treatment design)</td><td>6,568</td><td></td><td>m³/d</td></tr>
<tr><th>Hydraulic load Design horizon 2040</th><th>Samtredia</th><th></th><th>Unit</th></tr>
<tr><td>Total Average dry weather flow (for Biological treatment design)</td><td>5,812</td><td></td><td>m³/d</td></tr>
</table></td></tr>
<tr><td>2.</td><td>To determine the required design capacity of wastewater treatment plants, the following information must be provided:

• The number of residents living in the city, including seasonal visitors;

• The number of schools and kindergartens, as well as the number of pupils/children enrolled therein;

• Healthcare facilities (polyclinics, hospitals), including:

• the number of hospital beds;

• the number of patients served per shift in polyclinics;

• Industrial enterprises: their type, manufactured products, and production capacity;

• The approximate distance from the city to the wastewater treatment plant;

• The estimated distance from the wastewater treatment plant to the discharge point of treated (conditionally clean) effluent.</td><td>The conceptual design contains preliminary information/data on the basis of which indicative calculations have been prepared. This documentation shall be provided to the Consultant at the relevant stage of procurement of works.

In addition, in accordance with the Terms of Reference, the Consultant is obliged, during the design works, to use the data, materials, and studies presented in the attached conceptual design; however, the Consultant shall verify their accuracy and, where necessary, carry out additional and more detailed investigations.

Below are the indicative capacities provided in the conceptual design, which may be refined during the detailed design stage:
<table>
<tr><th>Hydraulic load Design horizon 2027</th><th>Baghdati</th><th>Vani</th><th>Unit</th></tr>
<tr><td>Total Average dry weather flow (for Biological treatment design)</td><td>992</td><td>1,101</td><td>m³/d</td></tr>
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</table></td></tr>
</table>

Hydraulic load Design horizon 2027	Sairme	Unit
Total Average dry weather flow (for Biological treatment design)	202	m^3/d

Hydraulic load Design horizon 2027	Samtredia	Unit
Total Average dry weather flow (for Biological treatment design)	6,568	m^3/d

Hydraulic load Design horizon 2040	Samtredia	Unit
Total Average dry weather flow (for Biological treatment design)	5,812	m^3/d

The site allocated for the Samtredia wastewater treatment plant is located approximately 6 km from the city center; the distance from the treatment plant site to the treated effluent discharge point does not exceed 1 km.

The site allocated for the Vani wastewater treatment plant is located approximately 3 km from the city center; the distance from the treatment plant site to the treated effluent discharge point does not exceed 1 km.

The site allocated for the Baghdati wastewater treatment plant is located approximately 11 km from the city center; the distance from the treatment plant site to the treated effluent discharge point does not exceed 1 km.

The site allocated for the Sairme wastewater treatment plant is located approximately 1 km from the resort center; the distance from the treatment plant site to the treated effluent discharge point does not exceed 1 km.

The remaining requested information will be provided at the next stage of the procurement process, if considered relevant.

Additional Information:

Within the framework of the ongoing construction works, a water supply distribution network will be constructed in the vicinity of the Samtredia wastewater treatment plant site. The installation of a sewerage collector to the site is included in the current construction works. The Employer shall ensure the supply of electrical power to the site and the installation of the relevant metering unit. However, at the design stage, the Consultant shall provide for the installation of an internal distribution network from the metering unit within the site, as well as a transformer substation of the required capacity.

		The water supply distribution network is located approximately 2 km from the Vani wastewater treatment plant site. The installation of a sewerage collector to the site shall be provided for under the design works, with an indicative length of approximately 900 m. The Employer shall ensure the supply of electrical power to the site and the installation of the relevant metering unit. However, at the design stage, the Consultant shall provide for the installation of an internal distribution network from the metering unit within the site, as well as a transformer substation of the required capacity. The water supply distribution network is located approximately 10 km from the Baghdati wastewater treatment plant site. The installation of a sewerage collector to the site shall be provided for under the design works, with an indicative length of approximately 1,300 m. The Employer shall ensure the supply of electrical power to the site and the installation of the relevant metering unit. However, at the design stage, the Consultant shall provide for the installation of an internal distribution network from the metering unit within the site, as well as a transformer substation of the required capacity. A water supply distribution network and a sewerage collector are already installed in the vicinity of the Sairme wastewater treatment plant site. The Employer shall ensure the supply of electrical power to the site and the installation of the relevant metering unit. However, at the design stage, the Consultant shall provide for the installation of an internal distribution network from the metering unit within the site, as well as a transformer substation of the required capacity.
3.	Is it possible to get the “Concept Design” mentioned in the documents	The document will be shared through tendering procedures
4.	You announce a market research. It is therefore understood that the xlsx-file with the file-name “Market Research for Imereti WWTPs.xlsx” shall not include a binding quotation but give you a price indication on consulting fees to be expected. Please confirm.	Confirmed
5.	Equally, as you announce market research, it is understood that the timeline to be stated in the xlsx-file with the file-name “Market Research for Imereti WWTPs.xlsx” shall not be binding but give you an indication on the duration of design works to be expected. Please confirm.	Confirmed

6.	Please provide information on the source of financing of consulting services.	KfW
7.	Please provide information on the applicable procurement guidelines for consulting services.	KfW procurement guidelines
8.	Please provide information on the applicable contract format/contract conditions for consulting services.	Consulting Service Contract