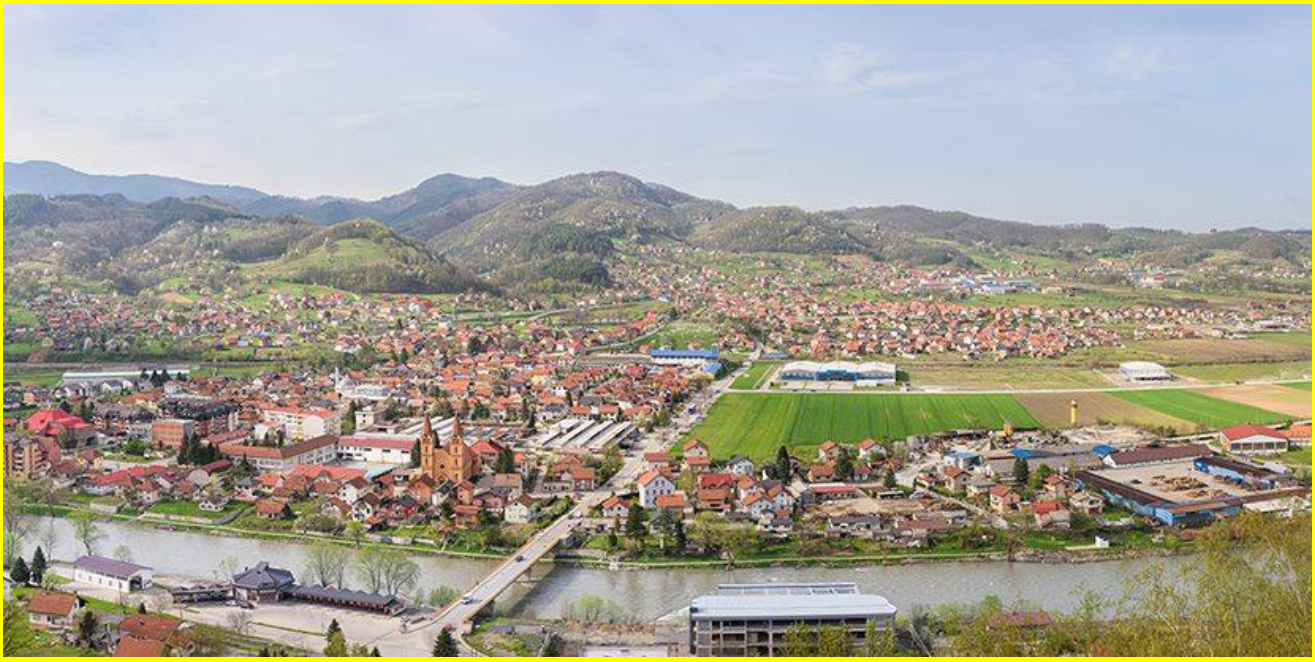

AUTOMATION OF THE OPERATION OF THE DRINKING WATER FILTER STATIONS, ZEPCE

Project title	Automation of the operation of the drinking water filter stations iz Zepce
Sector	Other sector - Water management
Location	Municipality of Zepce - Zenica - Doboj canton
Location description	The site for the building is placed near the city canter, less than 1 kilometer from the main road M17. The drinking water filter station is located on the plot where the current facility is located. The location is equipped with complete infrastructure connections (electricity, water, sewage, telephone, roads).
Company description/ Project background	The municipality of Zepce, as a unit of local self-government, was established by law and represents the citizens of the municipality of Zepce, protects their interests and promotes development. The municipality deals with all issues of local importance that are not excluded from its competence or assigned to the competence of another authority based on the Constitution or the law. In addition to its own competences, the municipality performs the tasks of federal and cantonal authorities entrusted to it by these authorities in accordance with the Law. In accordance with the above, some of the most important strategic projects that the Municipality has implemented so far are: Construction of a waste water treatment station, phase I of the collection collector of the town of Zepce; Expansion of the system of organized collection of household waste to suburban parts of the municipality of Zepce; Promotion of energy efficiency in the municipality of Zepce through activities to optimize the public lighting system; Construction of the Music School "Katarina Kosaca Kotromanic" and many others.
Project status	Main project and Feasibility study

Project description	The drinking water filter station in the municipality of Zepce was built and put into operation in 2000. Certain elements of it stopped working in a very short time after that (automatic chlorination system). To reduce service costs and make the complete technological process of drinking water purification less dependent on the individual quality of the operator, the automation of the entire technological process is planned. This means that all input parameters (water turbidity, amount of water at the input, water hardness, water temperature) would be measured by instruments connected to a processor that would automatically calculate and dose chlorine, aluminum sulfate and aquafloc. The system would also measure the parameters at the outlet from the reservoir and accordingly coordinate the operation of individual elements of the system to obtain the best quality of water at the outlet of the filter plant. The total number of inhabitants who will benefit from this project is about 10.000. After the implementation of this project, a possibility of expanding the drinking water network in the future to other municipal settlements, which would increase the number of users by an additional 5.000 will be enabled.	
Estimated total investment cost	250.000,00 EUR	
Inputs provided by local partner	**Value**	**Description**
	25.000,00 EUR	Funds from the budget of the municipality of Zepce for the: Preparation of feasibility study, main project documentation and permits; Allocation of a building plot owned by the municipality.
Inputs required from foreign partner	**Value**	**Description**
	225.000,00 EUR	Providing of all equipment and tools, and materials for construction and equipping.
Form of cooperation with foreign partner	**Financial**	**Technical**
	PPP	- Management expertise - Technical expertise
Supporting information available	For additional information about this project, please contact FIPA either by e-mail: fipa@fipa.gov.ba or phone number: +387 33 278 080.	