



## *Inquiry form for project design – drinking water (underground water)*

Name of the project: \_\_\_\_\_

City, location: \_\_\_\_\_

	Min	Average	Max
<b>Hydraulic parameters</b>			
1. Flowrate, m <sup>3</sup> /h			
2. Operating pressure, bar			
3. Allowed headloss across UV, bar			
4. Required UV dose (if any)			
<b>Physical-Chemical parameters</b>			
5. UV transmission of 1 cm, %			
6. Turbidity, NTU			
7. Chromaticity, (Pt-Co scale), degrees			
8. Total Fe, mg/l			
9. Oxidizability by permanganat, mg/l			
10. Hardness, (Ca-Mg), mmole/l			
<b>Microbiological parameters</b>			
	Maximum before UV system	Required disinfection level (after UV)	
11. Total coliform, per 100 ml			
12. Fecal coliform, per 100 ml			
<b>Other microbiological parameters (HPC, viruses, etc.)</b>			
13.			
14.			
<b>Pump system</b>			
15. Pump model			
16. Quantity of constantly operating pumps			
17. Working pumps quantity			
18. Quantity of stand-by pumps to be switched “on” in case of water demand increase			
19. Pump capacity, m <sup>3</sup> /h			
20. Pressure at pump outlet, bar			

Assumed place of UV system application in process chart of water supply: \_\_\_\_\_

Method of water treatment (deironing, water softening, etc.): \_\_\_\_\_

Existing type of water disinfection (if any): \_\_\_\_\_

Seasonal variations of water quality, peculiarities \_\_\_\_\_