



Republic of Serbia  
Ministry of Construction,  
Transport and Infrastructure  
Project Implementation Unit

<b>Finance Contract:</b>	SERBIAN INLAND WATERWAY INFRASTRUCTURE Finance Contract between the Republic of Serbia and European Investment Bank (Official Gazette of the Republic of Serbia - International Contracts No. 02/2019)
<b>Title:</b>	Implementation of a network of hydrometeorological stations along the Danube and Sava rivers in the Republic of Serbia
<b>Reference number:</b>	342-01-01658/2021-06
<b>Document:</b>	Clarification to the Tender Dossier
<b>Number of pages:</b>	2
<b>Number of attachments:</b>	-
<b>Date:</b>	July 27 <sup>th</sup> , 2022

## Clarification No. 4 to the TD

### Miscellaneous

QUESTIONS	ANSWERS
<b>Question No 1</b> Wave Buoy Can you please specify the maximum radius of movement of the buoy from its position?	<b>Answer No 1</b> The buoys are to be moored on the depths between 2 and 20m. The maximum radius will depend on the length of chain used for mooring, where the chain usually has length 3 times the depth of anchoring.
<b>Question No 2</b> Wave Buoy Top-mark for "restricted access". Do you mean a top-mark according to IALA regulations?	<b>Answer No 2</b> Top-mark is to be provided according to the CEVNI.
<b>Question No 3</b> Wave Buoy Which is the highest wind gust to be considered?	<b>Answer No 3</b> The highest wind gust to be considered is 200 km/h.
<b>Question No 4</b> Wave Buoy Which is the maximum superficial current foreseen?	<b>Answer No 4</b> 7 m/s.
<b>Question No 5</b> Wave Buoy Which is the maximum wave height and its period foreseen?	<b>Answer No 5</b> The maximum wave height is 3 m; period of 1 sec.
<b>Question No 6</b> Power supply The weather station and visibility sensor are requested with the heating system.	<b>Answer No 6</b> There is no question attached to the affirmation. Maybe the information is correct for some types of visibility sensors and weather stations that are designed for power supply from mains, but in the



QUESTIONS	ANSWERS
<p>The heating system needs main power supply to be effective, otherwise the battery will last for very few hours and the station will shut down, unless you agree for a battery pack of about 800-1000 Ah.</p>	<p>case of dedicated equipment, that are not powered all the time and implement some power management policies, that is not entirely correct. It is the duty of the Bidder to choose the equipment, the battery and to calculate the power consumption and implement power management policies.</p>
<p><b>Question No 7</b> Power supply The system must be designed so as to ensure complete autonomy in case of failure of the solar panel or lack of sunlight for a comfortable period of time (10 days minimum). Can you confirm that this calculation must be done considering all the heaters off?</p>	<p><b>Answer No 7</b> This calculation must be performed in working conditions and according to the power management policy of the Bidder.</p>
<p><b>Question No 8</b> Power supply Please confirm that we can use the battery charger integrated into the logger instead of an external one</p>	<p><b>Answer No 8</b> We confirm, as long as the other requirements are not affected.</p>
<p><b>Question No 9</b> Power supply Is there any fence for the meteo station to be supplied?</p>	<p><b>Answer No 9</b> No, unless it is not specifically stated in the documentation.</p>
<p><b>Question No 10</b> Price list For the price list, do we have to provide lump sum only like in the file "b8i1_annexbudgetglobal_en_HMS_Impl BUDGET" or are you going to share a more detailed one?</p>	<p><b>Answer No 10</b> No additional documents are to be shared by the Contracting Authority to the shortlisted tenderers next to those already contained in the distributed Tender Dossier.</p>