



RWS INFORMATIE

Questions & Answers of Information meeting on 28 October 2024 of tender
"The design, build, and maintenance of a FerryBox on board research vessel
MS Zirfaea" with reference number 31191766

5 November 2024

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Question 1	In the tender document is not specified which kind of sensors must be used in order to make the quotation for the bidding. Which sensors must tenderer use?
Answer	Indeed, specific sensors are not mentioned in the tender document, with the exception of three pre-determined instruments (Pi-10, CytoSense and LabSTAF) which were selected based on input from the main data users. There are several reasons for this. a) At the time of writing the tender document, insufficient information was available regarding the specifications of the (other) required sensors (precision, resolution, etc.). b) Determining sensor specifications in consultation with data users, selecting suitable sensors based on these specifications, and evaluating maintenance needs and financial implications requires experience, expertise and potentially some creativity. This task is better handled by an experienced market party and is therefore included as part of the assignment in the tender document (section 3.1.1). The costs for sensors not specified in the requirements specification do NOT need to be included in the tenderer's bid. This creates a level playing field between tenderers. Similarly, the Pi-10 and CytoSense, which have already been purchased by Rijkswaterstaat, do not need to be included in the bid. However, the LabSTAF is a pre-determined instrument, but has not yet been purchased by Rijkswaterstaat and therefore must be included in the tenderer's offer. As specified in section 3.1.1, the Contractor must organize a meeting with Rijkswaterstaat (with end users present) to finalize sensor selection, where choices must be translated into: • Financial implications (purchase + maintenance) • Impact on service, maintenance and calibration • Accuracy, precision, resolution and range

Question 2	In the Tender documents a number of certificates are mentioned, must the tenderer have these?
Answer	The tenderer preferably has the certificates that are specifically linked to the contractor in the tender document, or can demonstrate in another way that they meet the requirements and qualities to which the certificates relate. It is explicitly <u>NOT</u> intended to exclude tenderers who can make a high-quality offer but do not have certain certificates.

Question 3	For the data quality and data quality delivery, must the data be checked by the contractor before sending or must the data be transmitted in real live?
Answer	Since the Contractor is responsible for the proper performance and maintenance of the FerryBox and sensors, Rijkswaterstaat assumes that the Contractor will also need to perform the data quality control that is directly linked to the performance and maintenance of sensors, instruments and peripheral equipment. The quality control framework specified in section 3.4.4 (following QC levels 0-3 as defined by SMHI) is included in the tender document to facilitate discussion about the division of responsibilities between the Contractor, Rijkswaterstaat, and involved researchers regarding data quality control. The framework is indicative and intended to support discussions about the specific roles and responsibilities in data quality control after the contract has been awarded.

Question 4	In the pictures of the water supply the indicated diameter of the tubes is very small. Must the contractor must make the adjustments here for needed or is this arranged by the client?
Answer	According to the tender document, the Contractor is required to ensure that the FerryBox fits within the operational context present on the Zirfaea (as shown in Figure 2, section 3.1). This includes the process water supply. At minimum, the Contractor must ensure that the FerryBox can be connected to all required facilities (plug (,test) & play). Any necessary or desired modifications must be implemented in accordance with section 3.4.5 "Execution and coordination of work activities" in the requirements specification.

Question 5	Is the intention that the client and/or researchers are able to be in the FerryBox at the same time?
Answer	We interpret this question as follows: should there be space for <u>one</u> person to perform certain activities in the container? Indeed, this is correct. The specifications for this are described in section 3.2.11 Workbench of the tender document.