



EXPLANATIONS AND AMENDMENT TO THE QUOTATION REQUEST NOTICE

re. procedure for the delivery of an Acoustic Doppler Current Profiler (procedure No. IO/ZO/2/2024)

- I. The Institute of Oceanology of the Polish Academy of Sciences provides an explanation in response to the following question submitted on April 19th, 2024 in the procedure for **the delivery of an Acoustic Doppler Current Profiler** (procedure No. IO/ZO/2/2024):

Question

„(...) I'd like to propose some changes to the requested technical specifications. Without these changes, it will not be possible to offer an instrument with a value below 130,000 PLN and suitable to the application needs.

The proposed changes are:

1. Removal of specs:

- Attitude Heading Reference System (AHRS) , thermistor embedded in head,*
- Heading accuracy/resolution $\pm 3^\circ$ (dynamic) $\pm 2^\circ$ (static) for tilt $< 20^\circ/0.01^\circ$,*
- Accelerometer dynamic range ± 2 g,*
- Gyro dynamic range ± 250 o/s,*
- Magnetometer dynamic range ± 1.3 Gauss,*
- Pitch and roll range/resolution ± 90 o (pitch) ± 180 o (roll) / 0.01o,*
- Pitch and roll accuracy ± 2 o (dynamic), ± 0.5 o (static),*

(...)

2. Change of specs:

- Standard instrument housing, without room for battery, max. 20 cm instrument height*

into

- Short instrument housing, without room for battery, max. 20 cm instrument height*

3. Change of specs:

- 6p+2p MCBH, Ethernet + power*

into

- 8p+6p MCBH, Serial + Ethernet.”*

Response

Regarding *point 1* of the question, the Contracting Authority agrees to introduce the proposed amendment.

Regarding *point 2* of the question, the Contracting Authority agrees to change the description of the mentioned parameter. However, in order to allow as many Contractors as possible to participate in the proceedings, the Contracting Authority decided not to specify whether the required instrument housing has to be standard or not (e.g. short). This means that Contractors can offer a standard instrument housing, as well as non-standard one (e.g. short).

Regarding *point 3* of the question, the Contracting Authority agrees to change the description of the mentioned parameter. However, in order to allow as many Contractors as possible to participate in the proceedings, the Contracting Authority decided not to replace the current parameter with the parameter proposed by the Contractor, but to introduce the solution indicated by the Contractor as an alternative acceptable type of communication. This means that Contractors can submit offers including equipment with *6p+2p MCBH, Ethernet + power* type of communication, or *8p+6p MCBH, serial + Ethernet* type of communication. As a consequence of the above amendment, the Contracting Authority also decided to change the parameter so far described in indent 20 (indent 13 in the new wording), so that Contractors can offer an Ethernet cable adequate for other features of the offered equipment.

Concurrently, the Contracting Authority indicates that according to chapter II section 4 of the Quotation Request Notice only the minimum requirements were set out in the description of requirements and technical specification. The Contractors may offer the devices with the same or better specification in their bids.

II. Due to the response provided above, the Contracting Authority, pursuant to chapter VII section 8 of the Quotation Request Notice, introduces the following changes to the notice:

1) section 3 of chapter II of the Quotation Request Notice reads as follows:

- „3. Description of requirements and technical specification:
- Acoustic Doppler Current Profiler with frequency 1MHz, for concurrent measurements of mean currents and turbulence,
 - Equipped with 5-beam head with High Resolution option (HR),
 - Average current profiles, 4 beams,
 - Burst current profiles, 5 beams,
 - Sampling rate 16 Hz for mean currents and 8 Hz for HR,
 - Profiling range 25 m (average mode) and 8 m (HR measurements),
 - Cell size 0.2 – 2 m, max cells 256,
 - Velocity accuracy 0.3% of measured value $\pm 0.3\text{cm/s}$, velocity resolution 0.1 cm/s,
 - Equipped with pressure sensor (range 0-50 m, accuracy 0.1% FS),
 - 16 GB SD card data logger,
 - instrument housing, without room for battery, max. 20 cm instrument height,
 - 6p+2p MCBH, Ethernet + power or 8p+6p MCBH, Serial + Ethernet,
 - 20m Ethernet cable with MCBH6MP, Power/RJ45 at dry end (in case *6p+2p MCBH, Ethernet + power* communication is offered), or 20m Ethernet cable with MCIL6M-PWR/RJ45 (in case *8p+6p MCBH, Serial + Ethernet* communication is offered),
 - 20m 8pin serial cable AD2CP MCIL8M w/RS485 trigger,
 - Software for deployment planning, data retrieval and data conversion.”

2) § 2 section 3 of Appendix No. 3 to the Quotation Request Notice (Contract’s template) reads as follows:

- „3. The delivered equipment must meet in particular following technical specification:
- Acoustic Doppler Current Profiler with frequency 1MHz, for concurrent measurements of mean currents and turbulence,
 - Equipped with 5-beam head with High Resolution option (HR),

- Average current profiles, 4 beams,
- Burst current profiles, 5 beams,
- Sampling rate 16 Hz for mean currents and 8 Hz for HR,
- Profiling range 25 m (average mode) and 8 m (HR measurements),
- Cell size 0.2 – 2 m, max cells 256,
- Velocity accuracy 0.3% of measured value \pm 0.3cm/s, velocity resolution 0.1 cm/s,
- Equipped with pressure sensor (range 0-50 m, accuracy 0.1% FS),
- 16 GB SD card data logger,
- instrument housing, without room for battery, max. 20 cm instrument height,
- 6p+2p MCBH, Ethernet + power or 8p+6p MCBH, Serial + Ethernet,
- 20m Ethernet cable with MCBH6MP, Power/RJ45 at dry end (in case *6p+2p MCBH, Ethernet + power* communication is offered), or 20m Ethernet cable with MCIL6M-PWR/RJ45 (in case *8p+6p MCBH, Serial + Ethernet* communication is offered),
- 20m 8pin serial cable AD2CP MCIL8M w/RS485 trigger,
- Software for deployment planning, data retrieval and data conversion.”

3) **§ 2 section 6(d) of Appendix No. 3 to the Quotation Request Notice (Contract’s template) reads as follows:**

„d) the installation version of the software for deployment planning, data retrieval and data conversion, described in section 3 **indent 15** above (e.g. on a carrier or a key and a link for self-download).”

III. Due to the provided response and changes introduced above, the Contracting Authority extends the deadline for submitting bids to **April 26th, 2024, 10:00 am**.

As a consequence, section 1 of chapter VII, section 21 of chapter VII and Notice to section 1 of chapter IV of the Quotation Request Notice are amended accordingly.

Due to the change in the deadline for submitting bids, the bid validity period indicated in section 10 of chapter VII of the Quotation Request Notice is changed as well. The new bid validity period: **May 25th, 2024**.