

Bekanntmachung

Zur Angebotsabgabe / Teilnahme auffordernde Stelle

Bezeichnung	Rumen AI UG
Postanschrift	Mühlenstrasse 17
Ort	58313 Herdecke
E-Mail	rumen_ai@bho-legal.com

Zuschlag erteilende Stelle

die zur Angebotsabgabe / Teilnahme auffordernde Stelle

Angebote oder Teilnahmeanträge sind einzureichen

Elektronische Angebote oder Teilnahmeanträge sind nicht zugelassen

Postalisch an folgende Stelle

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Bereitstellung der Vergabeunterlagen

Elektronisch über diese Vergabeplattform: <https://www.dtv.de/Satellite/notice/CXP4YVXM1FG/documents>

Art und Umfang der Leistung

The developer must deliver 20 individually calibrated and technically verified Alpha research instruments and one gateway within 12 months of the agreed engineering kick-off.

The work must be performed along the following Work Packages (WP):

WP1 - Sensing Feasibility and Performance Qualification (TRL 4-5): Assess, calibrate and establish the performance of each sensing technology individually and in combination under representative laboratory conditions, including measurement accuracy, sensor interactions, compatibility and performance under simulated rumen conditions.

WP2 - System Integration and Deployment Readiness (TRL 5): Integrate the qualified sensing technologies into complete bolus units, develop the associated firmware, gateway, operator tools and data access, and assemble, test and qualify the integrated systems under representative laboratory conditions. Deliver fully functional bolus units and gateway ready for experimental deployment.

WP3 - Experimental System Validation (TRL 6-7): Evaluate the engineering performance of the integrated bolus units and gateway using in vivo experimental results, environmental exposure evidence and additional engineering tests, demonstrating system performance under representative operational conditions.

WP4 - Reliability and Long-Term Technology Readiness (TRL 7): Investigate reliability, degradation and failure mechanisms, carry out agreed corrective work, and deliver an evidence-based five-year performance forecast and a prioritised, costed development roadmap identifying the additional work required for future progression beyond TRL 7.

RumenAI provides scientific inputs, coordinates access to study partners and leads scientific interpretation. Study partners (i.e. not the subcontractor awarded the contract subject to this procurement) conduct the agreed animal trials and reference measurements.

The detailed technical specifications and full scope of work will be provided to qualified candidates with the invitation to tender in Phase 2. The scope is a field-evaluated Alpha research prototype, including the subsequent engineering assessment; future commercial production is outside this invitation's development scope.

The full scope of work will be sent to the successful tenderers together with the invitation to tender

Haupterfüllungsort

Ort

Herdecke

Ausführungsfristen

Laufzeit bzw. Dauer

Laufzeit in Monaten

12

Zuschlagskriterien

Siehe Vergabeunterlagen

Nebenangebote

Nebenangebote werden nicht zugelassen.

Angaben zu den Losen

Aufteilung des Auftrags in Lose:

Nein

Befähigung und Erlaubnis zur Berufsausübung

1. Company profile/statement on the company structure, in particular the organisational structure, the range of services and staffing capacity, maximum two A4 pages.
2. Proof of registration in a professional or commercial register or a comparable register (a copy of the extract must be enclosed) or a declaration that there is no obligation to register.

Wirtschaftliche und finanzielle Leistungsfähigkeit

3. Statement regarding turnover over the last three completed financial years, provided that such information is available.
4. Declaration that the candidate will have, by the start of the contract at the latest, professional/public liability insurance in line with market standards covering personal injury, property damage and financial loss, specifying the sums insured.

Minimum requirements

Re 3:

Minimum 400,000.00 EUR average annual turnover (net) over the last three completed financial years.

Re 4:

The tenderer shall maintain professional/public liability insurance covering personal injury, property damage and financial loss with the following minimum sums insured:

- (1) at least 1,000,000 EUR for personal injury and property damage (combined), and
- (2) at least 500,000 EUR for financial losses, in each case per insured event.

The insurance cover must be in place by the start of the contract at the latest and must remain in force for its entire duration.

Evidence shall be provided by way of a declaration to this effect (Appendix 02a); upon request, the tenderer shall submit the insurance policy or a current confirmation of cover issued by the insurer. By way of corresponding contractual obligations towards its subcontractors, the tenderer shall ensure that subcontractors involved in the performance of the contract maintain equivalent insurance cover.

Technische und berufliche Leistungsfähigkeit

5. Submission of suitable references

Candidates must submit suitable references for previously completed contracts that meet the minimum requirements set out in the tender documents. Each reference must specify:

- The client's name and a named contact person.
- The project name.
- The project period, including start and completion dates.
- A description of the services performed by the candidate, including their scope.
- The value of those services, excluding VAT, together with the currency. Where the candidate performed only part of a larger contract, the stated value must relate to the candidate's own performance.

References are suitable if the underlying projects, in terms of professional and technical capability, placed essentially similar demands on the companies as the service put out to tender and are also comparable in scale.

The Contractor's Details Form in Appendix 02a must be used for this purpose.

References completed within the last three years, measured from the deadline for requests to participate, must be submitted. The completion date is decisive.

Minimum requirements:

Re 5:

The tenderer must submit at least two suitable references relating to the development of sensor-based measurement systems. Each reference must demonstrate one or more of the following capabilities, and the references must collectively cover all three:

- Sensing-system and optical development: Experience in designing, developing or adapting sensing technologies, optical components or optical measurement systems for defined measurement tasks.
 - Measurement validation: Experience in calibrating and experimentally evaluating measurement accuracy, repeatability, stability and relevant environmental influences.
 - Miniaturisation and system integration: Experience in developing compact measurement devices and integrating sensors, optics, electronics, data acquisition, signal processing and protective packaging.
- Relevant scientific, industrial, biomedical or other sensing applications are acceptable. An identical rumen instrument or experience with every proposed sensing technology is not required. References must demonstrate comparable development demands and the relevance of the candidate's actual contribution.

For each reference, state the candidate's own tasks, contribution, results achieved and client contact.

Routine operation of commercial instruments alone is insufficient. Where the technical brief identifies a target as subject to feasibility assessment, prior achievement of that target is not required as reference evidence. This does not alter mandatory requirements or agreed acceptance criteria.

6. Sufficient workforce

A statement showing the company's current total number of employees and the number of employees in the field relevant to the contract

Minimum requirements:

Re 6:

An average total workforce of at least 5 people over the last three years.

7. Language capacity

Declaration that the personnel responsible for the delivery of the contract (including, where applicable, personnel of subcontractors within the meaning of section 1.9) have sufficient English-language proficiency for effective technical communication, coordination and documentation. Where communications or documentation are intended for the competent EFRE funding bodies or PTJ, the tenderer shall ensure that these are provided in German through suitably qualified personnel or professional translation support.

Minimum requirements

Re 7:

The personnel responsible for the delivery of the contract must have English-language proficiency at level B2 of the Common European Framework of Reference for Languages (CEFR). Native-speaker status or C2 level is not required. Proof: declaration in Appendix 02a (for subcontractor personnel: Appendix 03a). Upon request, by a recognised language certificate at CEFR level B2, a degree obtained through English-language instruction or documented professional experience of at least one year in a predominantly English-language project environment, or equivalent evidence. German is required only for communications and documentation intended for the funding bodies or PTJ. This obligation may be discharged through professional translation support. The tenderer shall ensure that the personnel responsible for the delivery of the contract (including, where applicable, personnel of subcontractors within the meaning of section 1.9) have English-language proficiency at level B2 of the Common European Framework of Reference for Languages (CEFR) or equivalent, sufficient for effective technical communication, coordination and documentation. Evidence shall be provided by means of a declaration in Appendix 02a (for subcontractor personnel: Appendix 03a). Upon request, evidence may be required in the form of a recognised language certificate at CEFR level B2 or equivalent, a degree obtained through English-language instruction, or documented professional experience of at least one year in a predominantly English-language project environment. Communications and documentation intended for the competent EFRE funding bodies or PTJ must be provided in German. The contractor may discharge this obligation through suitably qualified personnel or professional translation support. Native-speaker status or German at C2 level is not required

Schlusstermin für den Eingang der Teilnahmeanträge

23.11.2026 um 12:00 Uhr

Zusätzliche Angaben

The request for participation must be submitted in full, in electronic form, to the procurement office's email address rumen_ai@bho-legal.com by the application deadline.

Please note that it is the candidate's responsibility to submit the request for participation in good time. Only requests for participation received electronically via the procurement office's

01_26: RUMEN AI - One Health Farming Solution

VO: UVgO

Vergabeart: Verhandlungsvergabe mit öffentlichem Teilnahmewettbewerb

email address rumen_ai@bho-legal.com by the deadline for application will be considered - the date recorded by the recipient based on the time the email was received shall be decisive.

The tender documents comprise all documents made available to companies in connection with the invitation to participate and subsequently to the successful candidates with the invitation to tender. The tender documents have been drawn up with the utmost care. However, we cannot rule out the possibility that they may contain ambiguities, omissions or errors. Should a company consider this to be the case, it must immediately bring this to the attention of the contracting authority at rumen_ai@bho-legal.com before submitting its tender.

This is the only way we can address any ambiguities, omissions or errors at an early stage. To enable us to identify the issue correctly, please always quote the relevant section (e.g. section, paragraph, etc.) in the tender documents, specifying the document name. Important note: Please observe the deadline for submitting enquiries specified above in section 1 of the Invitation Letter.

Contacting the contracting authority or the procurement office by telephone is not permitted.

Questions submitted in this way or any other way then will not be answered.

Questions from candidates or tenderers and the corresponding answers will be sent to them via the email address to which this invitation to tender was sent, unless they have previously provided the contracting authority with a different email address for this purpose. In addition, the answered questions will be compiled into question catalogue and promptly added to the tender documents. This catalogue will also be visible on the web page.

We therefore recommend that you check the inbox of your relevant email address regularly.

Bekanntmachungs-ID: CXP4YVXM1FG