

PART A: INFORMATION FOR TENDERER

Name and address of the Contracting Authority:	DOO "MECOnet", Podgorica – Kralja Nikole br. 301, Podgorica
Project name:	ARTificial intelligence platform to prevent Climate change natural hazArds – ARCA
Project number:	IPA-ADRION00107
Title of the tender:	Supply of drone / camera
Reference number:	IPA-ADRION00107 -ARCA / MCN/PP1

INSTRUCTIONS TO TENDERERS

1. INFORMATION ON SUBMISSION OF THE TENDERS

Subject of the contract:

The subject of this tender is:

- **Implementation of supply** as indicated in the technical information in the part "Supply required" of this document.

Participation:

Participation in this tender procedure is open only to the invited tenderers.

Natural or legal persons are not entitled to participate in this tender procedure or be awarded a contract if they are any of the situations mentioned in Sections 2.4. (EU restrictive measures), 2.6.10.1. (exclusion criteria) or 2.6.10.1.1. (rejection from a procedure) of the Practical Guide¹. Should they do so, their tender will be considered unsuitable or irregular respectively.

Deadline for submission of the tenders:

The deadline for submission of tenders is **March 2nd, 2026 at 15:00 hours** (local time, Montenegro). Any tender received after this deadline will be automatically rejected.

Content of the tender:

The tender will be submitted in **1 original**.

The tenderers will submit their tenders in English using the:

- **Standard tender submission form and technical+financial offer available in the Part B of the tender dossier**

Address and meanings for submission of the tenders:

Tenders must be submitted by e-mail providing the following information:

- **The address for submitting tenders:** MECOnet DOO, meconet.me@gmail.com
- **Subject of e-mail:**
 - **Supply of drone / camera, ref no. IPA-ADRION00107 -ARCA / MCN/PP1**

2. TECHNICAL and FINANCIAL INFORMATION

The tenderers are required to provide supplies as indicated in chapter "Required supply" of this document.

¹ Procurement and Grants for European Union external actions-A Practical Guide, <https://ec.europa.eu/europeaid/prag/>

The financial offer must be presented in EUR.

Payments under this contract will be made in the currency of the tender - EUR.

4. ADDITIONAL INFORMATION

Tenderers are bound by their tenders until they have been notified of non-award.

If tenderers have to request additional information during the procedure, they may submit questions in writing to the following address up to **February 24th, 2026 at 15:00 hours** (local time, Montenegro), specifying the reference number and the title of the tender:

Anka Ralević
DOO »MECOnet« Podgorica
E-mail: meconet.me@gmail.com

The Contracting Authority has no obligation to provide clarification after this date. Last date for the Contracting Authority to issue clarification is **February 25th, 2025**.

Tender evaluation session will be organised on **March 3rd 2025**, at MECOnet office, Steva Boljevića L13, st. 6.

Selection criteria

The following selection criteria will be applied to the tenderers. In the case of tenders submitted by a consortium, these selection criteria will be applied to the consortium as a whole.

Technical capacity of tenderer.

The reference period which will be taken into account will be the last three years preceding the submission deadline.

- the tenderer has provided supplies under at least 1 (one) contract in fields related to this contract which was implemented at any moment during the following period:
18/2/2023 - 18/2/2026

The award criteria: best price for offers providing requested technical specification

The unsuccessful/successful tenderers will be informed of the results of the evaluation procedure in writing. The estimated time of response to the tenderers is 7 days from the deadline for submission of tenders.

The tenderer may submit a tender for one lot, or all of the lots.

SERVICES REQUIRED

1. PROJECT SUMMARY

The primary objective of the project **ARTificial intelligence platform to prevent Climate change natural hazArds (ARCA)** is to create a transnationally applicable platform through pilot initiatives in wooded areas, employing cutting-edge technologies to combat the risks posed by climate change-induced natural hazards. The project relies on advanced algorithms based on Machine Learning (ML) and diverse networks made of Internet of Things (IoT) sensors. These technological components work collaboratively to model specific forests and proactively mitigate the impact of natural hazards such as windstorms, drought, and wildfires. The **digital platform** comprises wireless sensor networks (WSNs), video cameras, drones, and LiDAR remote sensing, all contributing to a comprehensive forest modeling approach. A key action of the proposal is "to promote and encourage the development of transnationally designed innovations (technical and non-technical innovation, including services) through pilot and joint actions contributing to facing societal and environmental challenges like energy efficiency or climate change", through effective monitoring of forest sites located in the eligible areas.

By effectively monitoring eligible forest sites, the ARCA infrastructure aims to achieve, among others, the following goals: 1. Developing AI and machine learning algorithms for continuous monitoring of forest ecosystems and the formulation of climate adaptation scenarios. 2. Implementing a Decision Support System (DSS) for preventing natural hazards, enhancing resilience, and monitoring air quality.

In relation to these project goals, this particular procurement aims to realize the supply of one **unmanned aerial vehicle (drone)** and **one outdoor monitoring camera**, which would directly serve to support the establishment of the described digital platform.

The **drone** [lot 1] is procured and deployed to support aerial image and video acquisition in forest areas, to enable dedicated flight campaigns for testing and validating the project infrastructure, and to provide visual data inputs used in AI-based processing, analysis and demonstration of natural hazard monitoring solutions. The drone enhances the ARCA sensor network/digital platform by adding a mobile aerial layer that complements fixed sensors, supports testing and validation of the monitoring infrastructure, and contributes image and video data to shared AI-driven analysis of natural hazards. The **camera** [lot 2] is procured and deployed to enable continuous or event-based visual monitoring of forest areas, supporting recording, analysis, identification and classification of biodiversity species, as well as tracking natural hazards such as wildfires, droughts and windstorms. The camera forms an integral part of the project's IoT infrastructure and provides image data used for system validation, AI-based analysis and reporting. The camera serves as a fixed visual monitoring element integrated into the ARCA sensor network/digital platform, providing image and video data that complement sensor measurements, support biodiversity and hazard monitoring, and contribute to system validation and AI-based analysis at project level. The procured equipment will directly contribute to the operational deployment of the ARCA monitoring infrastructure and digital platform, by secure the collection of data needed to effectively establish the cross-border monitoring network, in collaboration with other project partners.

2. REQUESTED SUPPLY

The tenderers are required to provide supplies as indicated below. In the tenderer's technical offer, the tenderers will indicate more details on supplies' specification, referring back to the table below.

Item no.	Specifications required	Quantity
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Lot 1	<p>Drone</p> <p>Minimum Technical Specifications</p> <p><i>1. UAV Platform</i></p> <ul style="list-style-type: none"> • Multicopter UAV suitable for low-altitude environmental monitoring and scanning. • Stabilized flight performance suitable for precise low-altitude scanning operations. • GNSS-based positioning system. • Safe operation features, including return-to-home and fail-safe landing. <p><i>2. LiDAR System</i></p> <ul style="list-style-type: none"> • Integrated LiDAR sensor based on laser ranging technology. • Minimum LiDAR measurement range: ≥ 15 m. • LiDAR capability for basic 3D point-cloud acquisition. • LiDAR suitable for vegetation and obstacle scanning. • Point-cloud or depth data output usable for 3D modelling. • Data export in standard or open formats. <p><i>3. Flight Performance</i></p> <ul style="list-style-type: none"> • Minimum flight time: ≥ 30 minutes per battery under standard operating conditions. • Remote control with live telemetry. <p><i>4. Operational Conditions</i></p> <ul style="list-style-type: none"> • System suitable for outdoor environmental operation. • Weather-resilient construction suitable for forest environments. <p>Warranty and Service Requirements</p> <ul style="list-style-type: none"> • Minimum 12-month warranty covering manufacturing defects, with a clear procedure for repair or replacement. • Technical support and service availability within the country or region. <p>Training Requirements</p> <ul style="list-style-type: none"> • Basic user instructions for at one operator, covering: <ul style="list-style-type: none"> ○ safe UAV operation ○ basic mission execution 	1 pcs
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	<ul style="list-style-type: none"> ○ basic troubleshooting ● Delivery of user manuals and software installation guides in English (or local language, if available). <p>Delivery Conditions</p> <ul style="list-style-type: none"> ● Delivery shall be completed within 15 calendar days from contract signing. ● All equipment must be delivered in appropriate packaging, including all accessories, documentation and eventual certificates. <p>Additional Notes</p> <ul style="list-style-type: none"> ● The “or equivalent” principle applies. ● The offer must include relevant technical datasheets for the proposed UAV system. ● The tenderer shall provide a declaration or appropriate evidence of compliance with applicable CE requirements.. 	
Lot 2	<p>Outdoor Camera Outdoor Camera for Forest Monitoring and Fire Detection</p> <p>General Requirements</p> <ul style="list-style-type: none"> ● The offered camera must be new, unused, and suitable for long-term outdoor operation. ● The camera must be fixed or semi-fixed, designed for installation in forest and natural environments. ● The camera must be intended for visual monitoring and for supporting early detection of natural hazards, in particular forest fires. ● The camera must be suitable for continuous and/or event-based monitoring, with at least 24h of video storage period. ● The camera or its output must be capable of integration into monitoring, alerting and data management systems used within the project. ● The supplier must ensure delivery and basic user instruction, if required. <p>Minimum Technical Specifications</p> <p><i>1. Camera System</i></p> <ul style="list-style-type: none"> ● Capability to capture and store images and/or video of forest areas for extended periods of time. ● Suitable for outdoor environmental monitoring. 	1 pcs

	<ul style="list-style-type: none"> Capable of operating under variable lighting conditions, including daylight and low-light scenarios. <p><i>2. Data Transmission and Integration</i></p> <ul style="list-style-type: none"> Capability for data transmission to a remote system, either: <ul style="list-style-type: none"> wired, or wireless. Suitable for integration with monitoring and alerting systems, including systems used for early fire detection and environmental observation. <p><i>3. Operational Conditions</i></p> <ul style="list-style-type: none"> Weather-resistant enclosure suitable for long-term outdoor use in forest environments. Designed to operate under variable environmental conditions typical of outdoor forest locations. <p><i>4. Power Supply</i></p> <ul style="list-style-type: none"> Autonomous operation (e.g. battery-powered) and/or Externally powered operation, depending on installation context. <p>Warranty and Service Requirements</p> <ul style="list-style-type: none"> Minimum 12-month warranty covering manufacturing defects, with a clear procedure for repair or replacement. Technical support availability within the country or region. <p>Training Requirements</p> <ul style="list-style-type: none"> Basic user instruction, if required, covering: <ul style="list-style-type: none"> camera operation, basic configuration, basic troubleshooting. Delivery of user documentation in English (or local language, if available). <p>Delivery Conditions</p> <ul style="list-style-type: none"> Delivery shall be completed within 15 calendar days from contract signing. All equipment must be delivered in original packaging, including all necessary accessories and documentation. <p>Additional Notes</p> <ul style="list-style-type: none"> The “or equivalent” principle applies. 	
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	<ul style="list-style-type: none"> • The offer must include relevant technical datasheets for the proposed camera. • The tenderer shall provide a declaration or appropriate evidence of compliance with applicable CE requirements. 	
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3. LOCATION AND DURATION

Location for delivery of supply is: **DOO »MECOnet« Podgorica, Steva Boljevića bb, L13, st.6.**

The terms of delivery of the goods shall be *DDP - Delivered Duty Paid*— Incoterms 2010 International Chamber of Commerce

The intended start date is **March 4th 2025** and the period of implementation of the contract will be **15 days from the contract** signature by both parties.

4. REPORTING

n/a

FORMAT OF THE CONTRACT BETWEEN THE CONTRACTOR AND THE CONTRACTING AUTHORITY

**PROJECT TITLE: ARTificial intelligence platform to prevent Climate change natural
hazArds – ARCA**

PROJECT No. IPA-ADRION00107

CONTRACT TITLE: Supply of drone / camera, Podgorica - Montenegro

REF No: IPA-ADRION00107 -ARCA / MCN/PP1

Concluded between:

DOO “MECOnet”

Podgorica, Kralja Nikole br. 301

(Contracting Authority)

AND

Title

Address of the contractor

Reg.no.

(Contractor)

Article 1: Subject of the contract

The subject of the contract are the supply as indicated in the contractor's offer – “Part B: Documents to be completed by the tenderer”.

Article 2: Contract value

This contract, established in Euro is a supply contract.

The maximum total contract value for implementation of supply indicated in the Article 1 is ____ EUR (VAT included) / ____ EUR (VAT excluded).

Article 3: Contracting documents

This documents which form the part of this contract are (by the order of precedence):

- Contract agreement
- Contractor's technical/financial offer as provided in the tendering phase - “Part B: Documents to be completed by tenderer Technical/financial offer”

Article 4: General provisions

The Contractor must comply with publicity and visibility requirements of Interreg ADRIAN Programme. For more information Contractor is advised to visit official website of the Programme: <https://www.adrianinterreg.eu/>

Article 5: Deliveries and payments

The Contractor will deliver without reservation the supply indicated in the contractor's offer. The deliveries will be implemented within the indicated dates.

The terms of delivery of the goods shall be *DDP - Delivered Duty Paid*— Incoterms 2010 International Chamber of Commerce

The Contracting Authority will pay to the contractor the supply in the amount indicated in the Article 2 of this contract document. The payments will be issued based on delivered supply and invoice provided.

no		EUR
1	Final payment	Amount based on financial offer:
	Total	Amount based on financial offer:

Article 6: Duration of the contract

The duration of the contract is **15 days** from contract signature date.

Article 7: Cancellation of the contract

The contract can be suspended by the Contractor due to one of the following reasons:

- Contracting Authority not fulfilling payment and other obligations

The contract can be terminated by the Contracting Authority due to one of the following reasons:

- The Contractor is in serious breach of the contract, failing to meet contractual obligations
- The Contractor is bankrupted or being wound up, is having its affairs administrated by courts, has entered into arrangements with creditors, has suspended business activities, is the subject of proceedings concerning those matters, or is in any analogous situations arising from a similar situation provided for in national legislation or regulations

Article 8: Resolving of disputes

Any disputes arising out of or relating to this Contract which cannot be settled otherwise shall be referred to the exclusive jurisdiction of court in Montenegro in accordance with the legislation of the state of the Contracting Authority.

Article 9: Other specific conditions applying to the contract

Done in English in two originals, one original for the contracting authority and one original for the contractor.

For the Contractor

Name:

Title:

Signature:

Date:

For the Contracting Authority

Name:

Title:

Signature:

Date:

ADMINISTRATIVE - SELECTION COMPLIANCE GRID

Project acronym :	ARCA	Project no:	IPA-ADRION00107
Contract title :	Supply of drone / camera	REF No:	IPA-ADRION00107 -ARCA / MCN/PP1

Tender envelope number	Tenderer's name	Within deadline? (Y/N)	Eligible nationality? (Y/N)	Tender submission form duly completed? (Y/N)	Language as required ? (Y/N)	Documentation complete? (Y/N)	Other administrative and selection requirements of the tender dossier? (Yes/No/Not applicable)	Overall decision? (Accept / Reject)
1								
2								
3								

