



TENDER DOCUMENTATION

Title: Procurement of Portable Multiparameter Water Quality Meter
Project: “FireGuard: Wildfire Resilience and Management for Serbia's Protected Areas”
Reporting to: Biological Society “Dr. Sava Petrović” (BDDSP)
Contract type: Procurement of goods
Duty station: Niš, Serbia
Duration: One-time delivery

BACKGROUND INFORMATION

Current situation

As climate change intensifies, proactive wildfire management has become essential for protecting natural landscapes, biodiversity, and local communities in Serbia. Between 2009 and 2025, Serbia recorded 1,759 forest fires affecting around 50,000 hectares, while 2024 marked the most severe fire season ever recorded by the European Forest Fire Information System (EFFIS), with over 43,000 hectares burned. Human negligence remains the leading cause of fires, highlighting the urgent need for improved prevention, early detection, and public awareness. Current challenges include insufficient early warning systems, limited wildfire management strategies, low community preparedness, biodiversity loss, and damage to local infrastructure and agriculture.

This project aims to strengthen wildfire resilience through enhanced early fire detection, development of region-specific management protocols, and targeted education and training activities for local communities and stakeholders. The project is implemented within the framework of the **Landscape Fire Management in the Western Balkans (LFMWB)** programme, financed by the **Global Programme Climate Change and Environment of the Swiss Agency for Development and Cooperation (SDC)**, whose goal is to increase the resilience of Western Balkan forests and landscapes against uncontrolled fires.

The Grant Beneficiary, Biološko društvo „Dr Sava Petrović“ (BDDSP), will implement activities in accordance with Serbian legislation and established project methodologies, with a strong focus on local stakeholder engagement, biodiversity protection, and community capacity building. **Farmahem, acting as the Regional Executive Agency (REA)**, supports the programme through regional coordination, stakeholder dialogue, awareness-raising activities, technical





support, expert engagement, and the development of joint landscape fire management strategies and guidelines across the Western Balkans.

OBJECTIVES & EXPECTED OUTPUTS

Overall objective

Overall objective of this Project is to improve wildfire resilience and management in Serbia's protected areas through advanced detection systems, community engagement, and capacity building, ultimately safeguarding natural landscapes and local communities.

Specific objectives

There are four specific objectives of this project:

- To enhance early fire detection capabilities
- To develop action plans and regulative for wildfire management (models)
- To develop manual and provide trainings to increase community awareness and preparedness for wildfire events
- To disseminate research/scientific findings/ publications on wildfire impacts and management in Serbia.

Expected outputs

There are six expected outputs of this project:

- Enhanced early fire detection capabilities through the maintenance and upgrade of thermal imaging cameras.
- Effective action plans and protocols developed for wildfire management.
- Enhanced community awareness and preparedness for wildfire events through targeted education, strategic equipment deployment, and comprehensive training programs.
- Creation of the first-ever comprehensive manual on wildfire management in protected areas, designed for application across the entire region.
- Scientific publications disseminating research findings on wildfire impacts and management in Serbia.
- Strengthened capacity of NGO and protected area managers for future wildfire response and monitoring.





OBJECTIVE OF PROCUREMENT

The objective of this procurement is to acquire a reliable and portable device for field measurement of water quality parameters, enabling accurate data collection and supporting research and environmental monitoring activities.

SUBJECT OF PROCUREMENT

The subject of procurement is a portable multiparameter device (field kit) for measurement of:

- pH value
- electrical conductivity
- dissolved oxygen

The device must be delivered as a complete set including all necessary probes and accessories.

TECHNICAL SPECIFICATIONS (MINIMUM REQUIREMENTS)

Device:

- Portable multimeter with at least three universal measurement channels (IDS system)
- Waterproof and robust housing suitable for field use
- High-resolution digital display
- USB interface for data transfer
- Capability for data storage and export

Measurement ranges:

Dissolved oxygen:

- Range: 0.00 – 20.00 mg/L
- Saturation: 0 – 200%
- Temperature: 0 – 50°C

pH:

- Range: approximately 0 – 14 pH
- mV measurement capability





Conductivity:

- Range up to 2000 mS/cm
- TDS and salinity measurement supported

Probes:

- Digital pH electrode
- Digital conductivity electrode
- Digital optical dissolved oxygen sensor

Additional equipment:

- Protective transport case
- Calibration set
- Rechargeable batteries and charger
- Software and cables
- User manual

DELIVERABLES

The selected bidder shall provide:

- complete device with all probes
- all accessories and cables
- warranty documentation (minimum 12–24 months)
- technical documentation

FINANCIAL CONDITIONS AND PRICING

The offered price is to include all costs and discounts that occur for the bidder (including potential import custom fees) and it must be expressed without VAT, which is calculated independently. Bidders are required to clearly indicate:

- the net price excluding VAT,
- the applicable VAT amount as a separate item,
- and the total price including VAT.





The procurement is implemented within a VAT-exempt donor-funded project. Therefore, VAT shall not be paid by the Contracting Authority, and the selected supplier shall issue an invoice in accordance with the applicable VAT exemption procedure. The Contracting Authority will provide the necessary documentation for VAT exemption.

The price must be written both in numbers and letters. In case of discrepancy between the price written in numbers and the one in letters, the price written in letters will be considered valid. In case of arithmetic errors, the members of the Evaluation Committee will decide which price will be considered valid. **The price of the offer is to be expressed in local currency (RSD).**

TECHNICAL AND PROFESSIONAL CAPACITY

The technical and professional competence of bidders may be proven by a bidder's profile, a list of principal deliveries/services/or works and/or a statement on technical equipment and capacity.

Criteria for contract award procedures - The contract will be awarded to the tender offering the best value for money (the most economically advantageous offer), based on a 70% price and 30% quality ratio.

For the sake of the evaluation process, the offer price will be calculated as a total price without VAT. For the financial proposal element, the bidder offering the lowest price will be granted the highest score. The scores for the other financial offers submitted will be calculated according to the formula:

$$\text{scores} = \frac{\text{minimum price (without VAT)} * \text{maximum scores}}{\text{offered price (without VAT)}}$$

The quality score will be evaluated according to the following criteria:

Quality criterion	Number of points
Warranty period longer than 1 year	10
Full compliance with all technical specifications	10
Authorization for the sale and servicing of the offered equipment	10





SUBMISSION OF OFFERS

The offers containing all documentation are to be submitted in one original signed hard copy and one electronic version, packed into a single envelope with mark "Za javnu nabavku 1/2026".

The deadline for submission of offers is 20 calendar days from the day of the open call publication.

Offers should be submitted to the following address:

Biological Society "Dr. Sava Petrović"

Višegradaska 33
18 000 Niš, Serbia

Electronic submission address: info@bddsp.org.rs

Offers submitted after the deadline will not be considered and will be returned to the bidder. The offers are not open publicly. They will be opened by the Evaluation Committee.

OFFER CONTENTS

The following structure is mandatory for each offer:

- Documents for the purpose of proving their personal standing, professional activity, economic and financial standing, accompanied by their technical or professional capacity (Company Portfolio);
- Statement with a signature and stamp that the bidder understands and accepts all requirements in the published call;
- Statement that the bidder has the necessary personnel at their disposal throughout the mandate;
- Technical proposal and
- Financial proposal.

All documentation must be submitted **in Serbian and English** language.

