**Terms of reference   
and technical Specifications**

1. **General information**

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| Assignment name | Lot 4 - Emergency Equipment needs for regional media outlets – **Provision of Miscellaneous Essential Equipment** |
| Beneficiary | Regional media in high risk and frontline areas |
| Country | Ukraine |

1. **Context and justification of the need**

The EU4Reconstruction (EU4R) programme supports transparent, accountable, and inclusive reconstruction processes in Ukraine by strengthening good governance practices, media and public civic engagement, oversight mechanisms. For this to materialize, a functional local media is instrumental.

Regional media outlets in Ukraine, particularly those operating in high-risk and frontline areas, face acute challenges in maintaining continuity of operations. Ongoing security threats, infrastructure damage, and resource scarcity have severely undermined their ability to deliver timely, reliable, and independent information to local communities. These outlets are often the only trusted sources of news for populations exposed to disinformation campaigns, restricted mobility, and disrupted communication channels.

The situation has been further aggravated by recent strikes on power generation facilities, which have severely disrupted electricity supply and, consequently, the operational capacity of many outlets. Power outages and voltage fluctuations have hindered broadcasting, digital communication, damaged equipment and the ability to maintain secure archives and reporting systems.

Recognizing these urgent needs, a needs assessment was launched in cooperation with Canal France International (CFI) to identify priority equipment and support requirements. This assessment confirmed that many regional outlets lack the essential tools—such as backup power sources, communication devices, and digital infrastructure—necessary to ensure safe, secure, and uninterrupted reporting under crisis conditions. Thus, procurement for backup power sources, computer and communication equipment, are therefore required to address these gaps and enable outlets to continue their public service role despite ongoing disruptions. Moreover, these media outlets experience significant shortage of funds caused by the war, shrined advertising market, and the last year’s withdrawal of US funding that hit the local media outlets hard.

This intervention is also fully in-line with the activities agreed at the recent EU4R Executive Committee meeting, held in December 2025.

1. **Objectives and desired results**
   1. **General objective**

The objective of the assignment is to ensure the operational resilience and business continuity of regional media outlets in high-risk areas of Ukraine by providing emergency equipment and support, enabling them to deliver timely, reliable, and independent information to local communities despite ongoing disruptions caused by conflict and recent strikes on power generation facilities.

* 1. **Specific objectives**

1. Safeguard access to verified information for communities in high-risk and frontline areas, reducing vulnerability to misinformation and disinformation campaigns.
2. **Strengthen the capacity of outlets to withstand operational disruptions**, particularly those caused by electricity shortages, cyber threats, and physical damage to infrastructure.
3. **Promote equity and inclusion by prioritizing support for under-resourced regional outlets, ensuring marginalized and frontline populations are not excluded from reliable information flows**
   1. **Anticipated results**

Regional media outlets in high-risk areas are equipped with critical tools and backup systems that allow them to continue operations despite power outages and infrastructure damage. Consequently, communities in frontline and vulnerable regions maintain access to timely, verified, and independent information, strengthening resilience against misinformation.

EU4R donor priorities on safeguarding civic space and countering disinformation are advanced through responsive, evidence-based and rapid intervention.

1. **Description of the assignment**
   1. **Planned activities**

The assignment consists of the procurement of certain items and delivery of essential equipment to regional media outlets operating in high-risk areas of Ukraine.

Assignment preparation

The procurement will be grouped into four categories to ensure efficiency and alignment with the identified needs and priorities. This ToR is primarily for the procurement of the items under the category 4 below. The justifications are also provided in the received request letters from the recipients.

1. Power Supply Equipment (high priority and urgency)
   * Items include power banks, batteries, generators, and solar panels.

Purpose: To provide reliable backup energy sources that mitigate the impact of electricity shortages and power outages, ensuring continuity of broadcasting, digital communication, and secure data storage.

1. Computer Equipment and Mobile Phones
   * Items include laptops, desktop computers, tablets, and mobile phones.

Purpose: To strengthen digital infrastructure and communication capacity, enabling media outlets to maintain reporting, editing, and dissemination of verified information under crisis conditions.

1. Photo and video equipment
   * Photo cameras and accessories.

To replace damaged and depreciated equipment and enable the teams produce high quality materials**.**

1. **Miscellaneous Essential Equipment**

* **Networking devices, storage solutions, and other technical tools identified through the needs assessment.**

Purpose: To enhance the safety, resilience, and adaptability of media operations, reducing vulnerabilities to physical, cyber, and logistical disruptions.

* 1. **Anticipated deliverables and delivery**

This ToR specifies needs for Category 4 outlined above and provides detailed specifications in the form of table below.

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| Deliverables | End date |
| **4. Miscellaneous Essential Equipment**  Detailed list and technical specifications listed below. | T0 + 6 weeks. |

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| **No.** | **Equipment Type** | **Specification** | **Quantity** | **Indicative Model** | **Media Organisation** |
| 1 | Portable Gas Heater | Heating power: approximately 1300 W Fuel type: propane/butane compatible Gas consumption: approx. 90 g/hour Heating coverage area: up to 15 m² Portable format, weight approximately ≤ 3 kg | 1 | Yanchuan YC-808B 2-in-1 Ceramic | PGH-1300 |
| 2 | Vacuum Thermos | Type: vacuum-insulated thermos Capacity: approximately 1.2 litres Intended use: for beverages Body material: stainless steel Inner lining: stainless steel Suitable for hot and cold liquids Temperature retention: up to 24 hours (hot and cold) | 2 | *TH 2520 Work* | VT-1,2L |
| 3 | Memory Card | Memory card type: SDXC Storage capacity: minimum 256 GB Speed class: UHS-I, U3, V30 or equivalent Minimum read speed: 200 MB/s Minimum write speed: 140 MB/s Compatible with photo and video cameras supporting SDXC format | 4 | SanDisk  Extreme Pro | SD-256 |
| 4 | External Hard Drive | Storage capacity: minimum 4 TB Form factor: 2.5-inch portable format Interface: USB Type-C or equivalent Data transfer speed: minimum 5 Gbps Compatible with Windows and macOS operating systems Supplied with necessary connection cables (USB-C to USB-A and/or USB-C to USB-C) | 2 | Transcend  StoreJet | HDD-4TB |
| 5 | Wireless Microphone System | Wireless microphone system with minimum 2 transmitters (TX) and 1 receiver (RX) Audio recording quality: minimum 24-bit / 48 kHz frequency response approximately 50 Hz – 18 kHz or wider; Operating time: Transmitter: minimum 6 hours Receiver: minimum 6 hours Charging case extending total operating time up to approximately 15 hours Compatible with cameras, smartphones, and laptops Portable format | 3 | DJI Mic Mini 2TX+1RX | WM-2T |
| 6 | Satellite Internet Terminal Kit | Satellite-based broadband internet access Download speed: up to approximately 200–400 Mbps Secure data transmission with modern encryption protocols Moderate power consumption (approximately 40–100 W) Suitable for installation in areas with limited or no terrestrial internet infrastructure Complete kit including satellite terminal, router, and necessary mounting components Compatible with 230 V power supply (EU standard) | 1 | Starlink Home  Edition | SAT-INT |
| 7 | Portable Satellite Internet System | Satellite-based broadband internet access Download speed: minimum 100 Mbps (under standard operating conditions) Secure data transmission with modern encryption protocols Compatible with portable power sources (230 V EU standard or equivalent) Capability to maintain internet connection while in motion (vehicle speed ≥ 60 km/h) Portable and suitable for field deployment Resistant to adverse weather conditions (rain, wind, temperature fluctuations) Complete kit including terminal, router, mounting and connection accessories | 1 | Starlink Mini  Mobile | SAT-INT |
| 8 | Mobile Signal Booster and Wi-Fi Router Kit | Support for 4G LTE with download speeds of at least 150 Mbps (under standard network conditions); Compatibility with mobile frequency bands used by national operators (approximately 800–2600 MHz); Capability to connect at least 10 devices simultaneously via Wi-Fi; Wi-Fi standard support: minimum IEEE 802.11 b/g/n; External antenna connector included; Antenna gain: minimum 10 dBi; Power supply via USB (compatible with power banks and portable power stations); Complete kit including router and external antenna; | 1 | G: USB Wi-Fi Роутер ZTE MF79U | LTE-BOOST |
| 9 | Internet Kit with External Antenna | Maximum download speed: up to 150 Mbps; Maximum upload speed: up to 50 Mbps; Compatible with national mobile network operators; Supported standards: 4G (FDD) / LTE; Wi-Fi interface supported; Wi-Fi standard: minimum IEEE 802.11 b/g/n; Built-in rechargeable battery with capacity of at least 3000 mAh; External antenna support (connector included); External directional antenna compatible with LTE frequency bands such as 1800 MHz (Band 3), 2100 MHz (Band 1), and 2600 MHz (Band 7) or equivalent; Integrated display desirable; Complete kit including Wi-Fi router, power cable, battery, antenna adapter, coaxial cable, and external antenna | 9 | Olax MT80 + Mobile Guard 10dBi 1800 MHz Antenna | LTE-KIT-150 |
| 10 | Fast Charging Cable | Connector type: USB Type-A to USB Type-C; Power delivery capacity: up to 100 W (or minimum 60 W where compatible with device requirements); Data transfer speed: up to 480 Mbps (USB 2.0) or higher; Suitable for fast charging of laptops, smartphones and other compatible devices; Reinforced or durable cable construction suitable for frequent use; Cable length: standard (approximately 1–2 meters) | 8 | Cabel Baseus USB to Type-C 100W | CAB-USB-A-C |
| 11 | Voltage Control Relay | Operating voltage range (adjustable lower threshold): approximately 120–210 V; Operating voltage range (adjustable upper threshold): approximately 220–280 V Nominal load capacity: minimum 7,000 VA; Designed for automatic protection against overvoltage and undervoltage; Suitable for single-phase AC systems (230 V, 50 Hz); Adjustable response delay and voltage thresholds desirable; DIN-rail mounting or equivalent installation format | 5 | Voltage control relay ZUBR D32 | REL-VOLT |
| 12 | Surge-Protected Power Strip | Number of sockets: minimum 4 (EU standard 220–230 V); Surge protection rating: minimum 900 Joules; Protection against overload and short circuit; Cable length: minimum 1.8 meters; Cable cross-section: minimum 1.5 mm²; Integrated on/off switch desirable; Flame-retardant housing material | 4 | Dyxon | PWR-STR |
| 13 | Surge and Noise Protection Filter | Multi-stage surge protection against voltage spikes; High-frequency noise filtering (EMI/RFI suppression); Protection against overload and short circuit; Designed for protection of sensitive electronic equipment (computers, networking devices, audio/video equipment); EU standard sockets (220–230 V); Indicator for protection status desirable; Flame-retardant housing | 4 | Dyxon | PWR-FLT |
| 14 | Network Attached Storage | Number of drive bays: minimum 4 (supporting 3.5" and/or 2.5" HDD/SSD); Network interface: minimum 1 × 1GbE (Gigabit Ethernet) port or higher; Support for remote access functionality (secure web-based or cloud access); Support for RAID configurations (e.g., RAID 0/1/5/6/10 or equivalent); Compatibility with major operating systems (Windows, macOS, Linux); USB ports for external backup desirable; Expandable storage capacity depending on installed drives; Designed for centralized storage, backup and file sharing; | 1 | NAS Synology DS925+ | NAS-4B |
| 15 | Hard Disk Drive | Storage capacity: minimum 8 TB; Form factor: 3.5"; Interface: SATA III (6 Gb/s); Designed for NAS systems with 24/7 operation; Rotational speed: 5,400–7,200 RPM; Optimized for RAID configurations; Enhanced vibration resistance and workload handling; Annual workload rating suitable for continuous operation (NAS-class) | 2 |  | HDD-NAS |
| 16 | Automatic Voltage Stabilizer | Rated power capacity: minimum 1000 VA; Input voltage range: approximately 140–260 V AC; Output voltage: 220–230 V AC with ±8% regulation accuracy; Automatic voltage regulation (AVR function); Protection against short circuit and overload; Automatic shutdown in case of critical voltage fluctuations; LED status indicators; Desktop format | 3 | Gemix  SN-100 | AVR-1000VA |
| 17 | LED Lighting | Power consumption: minimum 50 W; Luminous flux: minimum 4000 lumens; Color temperature range: approximately 3000–6500 K (adjustable); Color Rendering Index (CRI): minimum 80; Adjustable brightness and color temperature; Energy-efficient LED technology | 6 | Sensio  Sunday 50W | LED-50W |
| 18 | Portable Cordless Air Compressor | Type: cordless, rechargeable air compressor; Maximum pressure: minimum 150 PSI; Built-in rechargeable battery: minimum 2000 mAh; Digital pressure display; Automatic shut-off upon reaching preset pressure; Compact and portable design suitable for field use; USB charging capability (USB-C or equivalent desirable); Designed for inflation of vehicle tires and related equipment | 1 | 70mai  Midrive TP05 | TOOL-AIR |
| 19 | Portable Two-Way Radio Kit | Frequency range: UHF 400–470 MHz; RF output power: minimum 5 W; Battery capacity: minimum 1500 mAh (rechargeable Li-ion or equivalent); Communication range: up to 3–5 km in open area conditions (subject to terrain and environment); Supplied as a complete kit (minimum two radios per set or as specified); Included accessories: headset/earpiece and charging station | 1 | Baofeng  BF-888S  (10-pack) | COM-UHF |
| 20 | Dedicated Graphics Card for Video Editing Workstation | Video memory: minimum 12 GB GDDR6 or equivalent; Support for hardware-accelerated encoding and decoding (H.264 / H.265); Capable of handling 4K video editing workflows; Support for modern graphics APIs (e.g., DirectX 12, OpenGL, Vulkan, CUDA, or equivalent); Energy-efficient architecture; Active cooling system; Compatibility with PCI Express (PCIe) interface (modern generation) | 1 | GigaByte  GeForce RTX  4070 12GB  GV-N407SG AMING  OC-12GD | GPU-12GB |

**All the equipment has to be delivered to the beneficiary offices or nearest delivery point in the city of office location.** This will be primarily in the East and South east of the country (e.g. Chernihiv, Kharkiv, Dnipro, Mykolaiv, etc, up to 19 addresses).Detailed list of shipment addresses and contact persons will be shared separately with the selected bidder. **Purchased items must be shipped to the beneficiaries in the shortest available time!**

***All equipment must be officially imported into Ukraine and accompanied by an official warranty of at least 12 months. Expertise France may request an Authorization Letter from Vendor or importer to confirm compliance with this requirement.***

Financial offer should include all the taxes and delivery costs of the equipment.

***Indicative Models are provided for illustrative purposes only — bidders may offer equivalent alternatives.***

* 1. **Coordination**

Each media outlet has provided request letter with the listed items needed. Contact persons are outlined within the letter.

Items should be delivered to the requester’s address in the specified regions of their office location.

Relevant visibility will be applied to the procured items and reporting provided.

1. **Place, duration and terms of performance**
   1. **Implementation period:** This is a standalone support based on the emergency needs. The media organizations will be also encouraged to apply for future CfPs for any further cooperation.
   2. **Start date:** As per the procurement process launch.
   3. **End date:** As per the completion of procurement and transfer of the items to the media outlets. Expected end date April 10, 2026.
2. **Required expertise and profile**

N/A

1. **Assignment reports**

A report will be compiled on actual delivery and outreach of the equipment. Relevant media coverage and visibility will be ensured.

1. **Monitoring-evaluation**

**Performance indicators**

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| Deliverables | Immediate effects | Intermediate effects | Verification sources |
| Emergency equipment and essential equipment transferred to the regional media outlets operating in high-risk areas. | Media outlets are able to sustain their operations and continue media coverage primarily for the local communities. |  | Donation/transfer acts. |

1. **Practical information**

Selection of the bids will be based on the following criteria:

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| **#** | **Criteria** | Point |
| 1 | Price | 60 |
| 2 | Delivery time | 40 |