**Terms of reference   
and technical Specifications**

1. **General information**

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| Assignment name | Lot 1 - Emergency Equipment needs for regional media outlets – **Provision of power supply units** |
| 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 have hindered broadcasting, digital communication, 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, emergency procurement for backup power sources is therefore required to address these gaps and enable outlets to continue their public service role despite ongoing disruptions.

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 emergency 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 three 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 1 below, the urgency is caused due to the extreme power shortage across the country and sever disruption in media activities. 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. Other Essential Equipment

* Items include, 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 1 outlined above and provides detailed specifications in the form of table below.

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| Deliverables | End date |
| 1. **Power Supply Equipment (high priority and urgency)**   Detailed list and technical specifications listed below. | T0 + 6 weeks |

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| **No.** | **Equipment Type** | **Specification** | **Quantity** | **Indicative Model** | **Equipment Code** |
| 1 | Portable Power Station | Capacity: approx. 1000 Wh (expandable battery option desirable) Battery type: LiFePO4 (LFP) or equivalent, min. 3000 charge cycles to 80% capacity AC output power: min. 1800 W (nominal), peak capacity ≥ 2500 W Fast charging capability Solar input compatibility (min. 400W) Multiple output ports, including AC sockets (230V), USB-C, USB-A, and DC/car output Pure sine wave inverter UPS functionality desirable Weight: portable format (approx. ≤ 15 kg) Connectivity (Wi-Fi/Bluetooth/app control) | 19 | EcoFlow DELTA 2 | PPS-1000 |
| 2 | Powerbank | Capacity ~27,000 mAh; dual USB-C (PD); output up to 140 W; USB-A fast charging; battery display; airline compliant; or equivalent. | 5 | Canyon PB-2010 | PB-27K |
| 3 | Portable Power Station | Battery capacity: minimum 2000 Wh Nominal output power: minimum 2000 W Peak output power: minimum 3000 W Battery type: LiFePO4 (LFP) or equivalent Output voltage: 230 V (EU standard) Minimum 4 AC output sockets Autonomy time: minimum 2 hours (under standard load conditions) Charging time from mains: not more than approximately 2 hours Integrated display for operational status monitoring (mandatory) | 3 | Bluetti AC200PL/EcoFlow DELTA 2 Max | PPS-2000 |
| 4 | Portable Power Station | Battery capacity: minimum 550 Wh Nominal AC output power: minimum 600 W Output ports: AC 220–230 V (EU standard), DC and USB outputs for simultaneous powering of laptops and mobile devices Charging from mains power supported Integrated protection against overvoltage and overload | 8 | Wonder WX1200/EcoFlow River 2 Max | PPS-500 |
| 5 | Portable Power Station | Battery capacity: minimum 5000 Wh Nominal output power: minimum 800 W AC output: 230 V (EU standard) Suitable for powering multiple office devices simultaneously Integrated display for operational status monitoring Fast charging capability desirable Compatible with external charging sources (mains and/or solar input desirable) Portable format (with wheels or transport handles acceptable) | 1 | Marstek Venus-E | PPS-5000 |
| 6 | Portable Power Station | Battery capacity: minimum 3500 Wh  Nominal output power: minimum 3600 W AC output: 230 V (EU standard) Suitable for powering multiple office devices and field equipment Fast charging capability (from mains) Portable format (wheels and/or transport handles acceptable) Integrated display for operational monitoring Compatible with external charging sources (mains and/or solar input desirable) | 2 | EcoFlow  DELTA Pro | PPS-3600 |
| 7 | Portable Power Station with Expansion Battery | Modular power station system including main unit and additional expansion battery Total battery capacity: minimum 5000 Wh Nominal AC output power: minimum 3000 W Peak output power: minimum 6000 W Battery lifecycle: minimum 4000 charge cycles Output voltage: 230 V (EU standard) Integrated display for operational monitoring Suitable for powering multiple office and field devices simultaneously Portable configuration | 1 | Bluetti AC300 | PPS-5000-MOD |
| 8 | Portable Power Station | Battery capacity: minimum 280 Wh Nominal AC output power: minimum 600 W Battery type: LiFePO4 (LFP) or equivalent Battery lifecycle: minimum 3000 charge cycles Multiple output ports (AC, USB and/or DC) Integrated display for operational monitoring Lightweight and portable design Output voltage: 230 V (EU standard) | 3 | Bluetti Elite 30  V2 Charging  Station | PPS-300 |
| 9 | Portable Power Station | Battery capacity: minimum 1024 Wh Battery type: LiFePO4 (LFP) or equivalent Nominal AC output power: minimum 1800 W AC output: 230 V (EU standard sockets) | 4 | Ecoflow Delta 3 | PPS-1500 |
| 10 | Portable Power Station | Battery capacity: minimum 1920 Wh Battery type: LiFePO4 (LFP) or equivalent Nominal AC output power: minimum 1200 W AC output: 230 V (EU standard sockets) | 4 | DELTA Lite (ex Stream Pro) / 1200 Вт | PPS-1100 |
| 11 | Powerbank | Capacity: minimum 50,000 mAh Fast charging capability (minimum 20 W output) Multiple output ports (USB-A and/or USB-C) Built-in LED flashlight desirable Overcharge and short-circuit protection | 8 | Power bank SWISSTEN Power Line Bank For Laptop | PB-50K |
| 12 | Portable Solar Panel | Nominal power output: approximately 220 W; Solar cell type: monocrystalline or equivalent; Conversion efficiency: up to approximately 22% or higher; Operating voltage: approximately 18–25 V, compatible with portable power stations; Connector type: MC4 or equivalent; Protection rating: minimum IP65 (water and dust resistant);  **Compatibility:** **The unit must be compatible with the equipment listed under Item 1 of this Technical Specification.** | 1 | EcoFlow 220W Solar Panel | SP-220W |
| 13 | Backup Power Supply for Router | Architecture type: line-interactive or continuous operation; Nominal output power: minimum 18 W; Output voltage options: 5 V, 9 V, 12 V, 15 V and/or 24 V; Built-in rechargeable battery with capacity of at least 10,000 mAh; Battery type: Li-ion or equivalent; Input voltage range: approximately 85–265 V AC; Designed for powering routers and network equipment; USB-A output and PoE support desirable; Supplied with necessary power cables and adapters | 13 | UPS DC1018L | UPS-ROUTER |
| 14 | Hybrid Inverter System with Battery Storage | Hybrid inverter system (three-phase); Nominal inverter power: minimum 12 kW; Peak power: minimum 24 kW; Output voltage: 230/ V AC (three-phase); Input voltage: 230/ V AC;  Supports three-phase operation with pure sine wave output (350-415V) ; Output waveform: pure sine wave; Battery system voltage: 48 V nominal (approximately 51.2 V acceptable); Total battery storage capacity: minimum 10 kWh; Battery type: LiFePO4 (LFP) or equivalent; Battery charge current: minimum 80 A; Operating temperature range: inverter −10°C to +55°C; battery −10°C to +50°C (discharge); Integrated monitoring and control via Wi-Fi or equivalent; | 1 | Tervix Inverter Pro Line S + 2 batteries Tervix LiFePO battery | HYB-INV-12KW |
| 15 | Petrol Generator | Nominal power output: minimum 3 kW; Maximum power output: minimum 3.2 kW; Fuel type: petrol (gasoline); Engine displacement: approximately 150 cc; Nominal voltage: 230 V / 50 Hz; Inverter technology with pure sine wave output; Fuel tank capacity: approximately 6 L; Autonomy time: minimum 3 hours under standard load conditions; Low oil level protection system; Maximum weight approximately 25 kg) | 1 | A-iPower  SC3250i  (3.2 кВт | GEN-PET-3KW |
| 16 | Expansion Battery Module | Designed as an expansion battery module for compatible portable power stations; Battery capacity: approximately 1000 Wh; Battery type: LiFePO4 (LFP) or equivalent; Nominal voltage: approximately 48–51 V; Nominal current: approximately 20 A; Maximum output power: approximately 1000 W; Dedicated connection port for integration with compatible power station; Integrated display or charge level indicator; Overcharge, overcurrent, and short-circuit protection ; **Compatibility:** **The unit must be compatible with the equipment listed under Item 1 of this Technical Specification.** | 2 | EcoFlow DELTA 2 Extra Battery, 1024Wh | PPS-1000-EB |
| 17 | Powerbank | Battery capacity: minimum 60,000 mAh; Maximum output power: minimum 100 W (Power Delivery support); Output interfaces: USB Type-A and USB Type-C; Input interface: USB Type-C (fast charging supported); Output voltage support: 5 V, 9 V, 12 V, 15 V, 20 V; Fast charging protocols supported (e.g., PD, QC or equivalent); Built-in rechargeable lithium-polymer (Li-Poly) battery or equivalent; Integrated display for charge level monitoring; Built-in protection against short circuit, overvoltage, overheating, and overcharge; Portable design suitable for charging laptops and mobile devices | 3 | Hoco DB160 Astrum, PD100W, fully compatible, 60 000mA | PB-60K |
| 18 | Hybrid Inverter | Type: hybrid inverter, single-phase; Nominal output power: minimum 10,000 W; Output voltage: 230 V AC; Maximum battery charge current: up to 200 A or higher; Pure sine wave output; Compatible with 48 V battery systems (LiFePO4 or equivalent); Integrated protection against overload, short circuit and overheating; Monitoring capability via display and/or remote interface desirable; Designed for stationary installation in backup or hybrid solar systems | 1 | Deye | HYB-INV |
| 19 | Battery Module | Battery type: LiFePO₄ (LFP); Nominal voltage: approximately 48–51.2 V; Nominal capacity: minimum 280–300 Ah; Nominal energy: min. 14.34 kWh; Cycle life: minimum 6000 cycles at standard operating conditions; Compatible with hybrid inverter systems (48 V architecture); Integrated Battery Management System (BMS); Designed for stationary energy storage applications; Rack-mountable or modular format desirable  **Compatibility:** **The unit must be compatible with the equipment listed under Item 19 of this Technical Specification** | 1 | Pytes V15 | BAT-LFP |
| 20 | Portable Power Station | Battery type: LiFePO₄ (LFP) or equivalent; Battery capacity: min 500 Wh; Nominal AC output power: minimum 600 W; AC output: 220–230 V (EU standard); USB-A and USB-C outputs; Fast charging capability desirable; Portable format | 2 | EcoFlow River 3 Max | PPS-600 |
| 21 | Portable Power Station | Battery capacity: minimum 2000 Wh (expandable with additional battery modules desirable); Battery type: LiFePO₄ (LFP) or equivalent; Nominal AC output power: minimum 2400 W; AC output: 220–230 V (EU standard); Peak output power: ≥3000 W desirable; Fast charging capability from AC (up to 80% within approximately 60 minutes desirable); Solar input compatibility; Multiple output interfaces including AC, USB-A, USB-C, DC/car output; Integrated display and monitoring functionality | 2 | EcoFlow DELTA 3  Max | PPS-2000-PLUS |
| 22 | Inverter Generator | Generator type: inverter generator; Nominal output power: minimum 5.5 kW; Maximum output power: higher than nominal (manufacturer standard); Output voltage: 230 V AC, 50 Hz; Pure sine wave output suitable for sensitive electronic equipment; Fuel type: gasoline; Electric start desirable; Integrated protection against overload and low oil level | 1 | **Mar-Pol M82481** | GEN-INV-5KW |
| 23 | Power Bank | Battery capacity: minimum 10,000 mAh; Battery type: Li-ion or Li-polymer; Support for magnetic wireless charging (MagSafe-compatible or equivalent); Wired fast charging support (Power Delivery minimum 20 W); USB-C input/output; | 2 | EcoFlow RAPID  Magnetic | PB-10K |
| 24 | UPS | Rated power capacity: minimum 1000 VA / 700 W; Topology: line-interactive; Output waveform: pure sine wave; Integrated LCD display for status monitoring; Runtime: minimum 5–10 minutes at approximately 50% load; Automatic Voltage Regulation (AVR) function; Communication interface for monitoring (USB or equivalent); Replaceable internal batteries; Protection against overload and short circuit | 1 | APC  Smart-UPS  1000VA LCD | UPS-1000VA |
| 25 | Line-Interactive UPS | Rated power capacity: minimum 1600 VA / 900 W; Topology: line-interactive; Output waveform: pure sine wave; Automatic Voltage Regulation (AVR); Runtime: minimum 7–15 minutes under moderate load conditions; Protection for network/data lines desirable; Communication interface for monitoring and automatic shutdown (USB or equivalent); Audible alarm and LED/LCD status indicators; Replaceable internal batteries | 2 | APC  Back-UPS  1600VA | UPS-1600VA |
| 26 | Portable Foldable Solar Panel | Rated power output: minimum 110 W; Solar cell type: monocrystalline; Conversion efficiency: minimum 20%; Protection rating: minimum IP65; Foldable, portable design suitable for field deployment; Equipped with MC4, XT60 or equivalent connectors; **Compatible with portable power stations and external battery systems**; Designed for outdoor use in variable weather conditions | 2 | EcoFlow  110W Solar  Panel | SOL-110W |
| 27 | Portable Power Station | Nominal AC output power: minimum 300 W; Output waveform: pure sine wave; AC output: 220–230 V (EU standard socket); Integrated UPS function for seamless power transition; USB Type-A and USB Type-C output ports; Fast AC charging capability; Compact and portable format; Protection against undervoltage, overload, short circuit and overheating | 1 | EcoFlow RIVER 3 UPS | PPS-300-UPS |

**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 |