

Quick Start Measure – Terms of Reference

Project	Support to Nature Protected Areas in Ukraine”, BMZ No.:2011.6612.3 and 2013.6588.1
Type	Quick Start Measure (QSM)
Title	Provision of a 40 kW power generator to ensure stable electricity provision for the Carpathian Biosphere Reserve campus in Rakhiv
Short title	Power generator for CBR
Reference number	QSM-2021-2-NAT-generator CBR

1 Type of Procurement

This procurement is planned as a Quick Start Measure. QSMs are investments in protected areas of up to EUR 20.000 per contract. These measures are justified by three factors: their confirmed urgency, the absence of other imminent solutions and the need for rapid trust-building between beneficiaries and the Project.

This procurement falls under a procedure which was installed with the updated Project Management Manual (PMM) approved by MENR on 08.10.2020 and which received non-objection by KfW on 07.12.2020. Under simplified procedures and a newly introduced review method in the new Overall Procurement Plan, an entry of “P” (for “post review”) under column “Review by KfW” indicates that a procurement will be reviewed by the auditor and optionally by KfW.

This procurement is focused exclusively on the current severe issues associated with the very poor electricity system of the entire administration campus of the Carpathian Biosphere Reserve (CBR). Lack of funds for their complete re-equipment does not allow to apply voltage to a larger scale at once. Therefore, this procurement aims to provide a 40 kW power generator to CBR in order to alleviate the most immediate and urgent issues associated with the poor electricity system.

This procurement belongs to the following sections under the project’s Overall Procurement Plan:

- Output 2: Selected protected areas have the necessary infrastructure, equipment and personnel
 - SA.2.2: The administrative teams, rangers and tourism personnel are equipped with all gear and items necessary to fulfill their work professionally and reliably (transport for rangers, uniforms, IT and computer equipment and others).
 - T.2.2.3: Conduct individual procurements of equipment for target areas (incl. large tenders)
 - ST.2.2.3.7: QSMs for small procurements of equipment

The budget line for this procurement in the latest version of the approved Overall Procurement Plan is:

Output 2: Selected protected areas have the necessary infrastructure, equipment and personnel

Activity No. [1]	Task No.	Previous coding	Procurement No.	Description yellow = executed black = planned	Type of procurement [2]	Estimated Contract Amount	Source of Funds [3]	Procurement procedure [4]	Stages [5]	Selection method [6]	Review by KfW [7]	ESHS risk level [8]	Contract type [9]
SA.2.2	T.2.2.3/ST.2.2.3.7			QSMs for small procurements of equipment	G	87.701,00 €	DispoFund 100%	NCB/QSM	1	LCS	P	tbd	Supply contract

The goods specified in this document shall be procured through collection of **three price quotes**.

2 Background and Justification

The Carpathian Biosphere Reserve (CBR) is one of the oldest nature reserves in Ukraine. It covers an area of 53,000 hectares and features large areas of virgin and old-growth beech forests. Some parts of the CBR are listed as UNESCO World Heritage Sites. The CBR belongs to the most important hotspots of biological diversity in Europe.

The administration of the Carpathian Biosphere Reserve is located on a large campus, near the city of Rakhiv with a total of seven functional buildings being separated on the territory of the Reserve administration (central administration, museum, garage, research laboratories etc.).

Currently, the electricity system in the reserve is outdated in a very poor condition which leads to highly unstable availability of electricity, both in terms of power levels and provision time. This represents a very severe problem for the operation of the CBR campus as it

- puts a threat to the computer and IT systems which rely on power stability, and
- dramatically reduces the working capacity of the reserve and its staff.

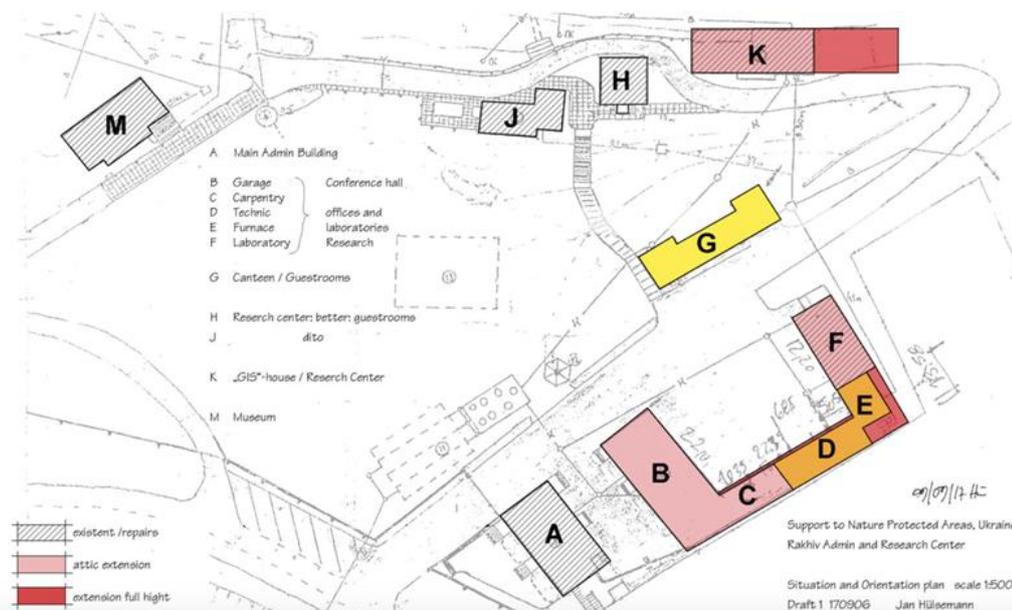


Image 1: Plan of the CBR campus in Rakhiv, indicating the many functional buildings being negatively affected by the currently inadequate electricity supply.

Generally speaking – and this is particularly relevant for the CBR campus – access to stable and reliable electricity in remote mountainous areas is critical to their functioning. The state of functioning

of power grids for most mountainous areas is problematic or critically problematic. This also applies to the mountainous areas of territorial communities, as well as to the territories of protected area facilities, in particular the operation of offices of nature protection departments in remote and sometimes inaccessible areas of the Carpathians. The reason for this situation is the state of wear of power grids and their use outside the allowable service life, which in turn leads to power outages, often electricity cut offs, "jumping" voltage in the power grid, which is dangerous for appliances. Lack of funds for their complete re-equipment does not allow to apply voltage to a larger class at once. Energy experts hope that the introduction of stimulating tariffs will increase investment in the power grid of mountainous regions. However, the monopoly in the provision of electricity services also blocks the development of alternative energy sources in the mountains. Therefore, the use of powerful generators can be more efficient and reliable in some remote fragments of protected areas until the electricity provision improves.

To overcome the dramatic issues of the electricity system in CBR, the installation of a new central 40 kW power generation is proposed by the Consultant, in liaison with the CBR administration. The generator shall be installed in the central heating and electric facility block of the campus.

This procurement is well-suited to be conducted as a QSM, given that:

- a) The goods to be procured are largely standardized and available in the market.
- b) The total budget amount is below 20.000 EUR.
- c) The provision of this equipment shall happen fast to allow for a timely delivery of the equipment to CBR in order to alleviate the problems associated with the poor electricity supply as fast as possible.

3 Objectives and Expected Results

The main objective of this procurement is to purchase and install into the local electricity grid a 40 KW electric power generator to overcome severe issues regarding the power supply and voltage amplifications within the CBR campus.

The particular type of generator to be purchased is specified in the table below. The supplier shall deliver the generator to the CBR campus in Rakhiv and also directly install the generator there.

#	Description	Specifications	Units
1	Power generator + delivery + installation	<p>Diesel generator Maximum power: Maximum power : 40-45 kW Tank capacity: 110-150 liters Weight: 1100-1400 kg Dimensions: height 1300-1750 x width 900-1200 x length 2200-2300 mm.</p> <p>Delivery: The generator shall be delivered to the CBR administration in Rakhiv.</p> <p>Installation: The generator shall be installed after delivery</p>	1

4 Activities

To obtain the required goods, several qualified suppliers will be contacted and asked to provide price quotes for the provision of the specified goods. This QSM will be published on the SNPA website to allow for participation of additional qualified suppliers. At least three price quotes will be collected and the best proposal (technically compliant offer at the lowest price) will be selected for contracting. The proposals shall be sent to the following e-mail address: stefanyshyn@snpa.in.ua.

The price offers must be presented in UAH. According to the SNPA Project Registration card of the Material and Technical Assistance Goods, the goods are exempted from all taxes, duties and charges on the territory of Ukraine.

5 Delivery of goods

The delivery time is agreed upon when signing the contract. The preferred time of delivery is within 30 days after the contract commencement date.

6 The minimum qualifications of the supplier

Participating companies must be legal entities registered in Ukraine, PPE (physical person entrepreneur) registered as a third group. The supplier shall be an established dealer with several years of experience on the market in Ukraine and in order to reduce transport costs, located in/near the Carpathians.