

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	Pilot snowmobile for Carpathian Biosphere Reserve (CBR)
Short title	Pilot Snowmobile CBR
Reference number	QSM-2020-6-NAT-pilot snowmobile 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 conducted as a small pilot in only one of the eight target areas of the SNPA project. If the pilot shows the provided equipment to be of suitable, cost- efficient and effective use for PA work, a larger procurement will be conducted in the future to provide all target areas with the equipment.

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

Reliable and sufficient transport is a pre-requisite of most protected areas in the world, especially when terrain is difficult or areas are large – such as in the Carpathians. The availability of transport sources is particularly important for PAs which are facing significant threats such as poaching or illegal logging – as is the case with most of the SNPA's target protected areas.

All eight target protected areas of the SNPA project are lacking modern, reliable, low-cost consumption and low-maintenance high clearance transport. Often, ranger patrols are not carried out due to lack of transport, and in many cases, rangers use private cars or cover long distances on foot.

During the winter months, conducting patrols in the Carpathian protected areas is particularly difficult. Thick snow cover, especially on steep slopes, makes it very difficult for patrol cars to reach important strategic locations or ranger posts at high altitudes inside the protected areas. Reliable transport possibilities for such conditions are entirely absent in all the eight target PAs. As a result, the effectiveness of ranger work is reduced in winter and the areas are more vulnerable against illegal activities.

Availability of reliable and high-quality snowmobiles for winter conditions could therefore strongly improve the conservation and protection work conducted by PA administrations and empower PA staff to conduct more effective work on a regular basis.

That being said, the eight target areas are characterized by strong variability within each area itself but also between areas, regarding their terrain ruggedness, slopes and altitudes as well as the characteristics of patrol paths in the forests and open landscapes. As such, the true usefulness of snowmobiles for the envisaged work in the target areas is not entirely clear at this point and more knowledge is also needed regarding the required specifications and features of the snowmobiles for maximum usefulness in the target areas. Therefore, a dedicated testing and assessment phase is required before a potential high investment into a large number of high-quality snow-mobiles for the target areas is taken.

Through this Quick Start Measure, the SNPA project aims to test the potential usefulness of snowmobiles for protection work during the winter months in the target areas by providing only one snowmobile to one PA for pilot testing. Such a pilot is necessary to determine (a) to what extent the snowmobiles work in which terrain, (b) what are the required engine powers in steep terrain and (c) how they truly increase the protection effectiveness. Should the pilot indicate high usefulness of snowmobiles for PA work for specific landscapes, the results of the pilot will provide crucial information regarding a potential larger procurement of snowmobiles for the other SNPA target areas, including the required amounts and specifications of the vehicles.

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

- a) The goods to be procured are largely standardized.
- 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 snowmobile to Carpathian Biosphere Reserve which would still allow the testing to be conducted in the winter of 2020/2021. This would strongly decrease future delays in the tender procurement of snowmobiles as the preparation for such a tender could already start in early 2021 (should the pilot results support such a procurement). Otherwise, a delay of up to a whole year may occur.

3 Objectives and Expected Results

The main objective of this procurement is to conduct a pilot test phase regarding the usefulness of snowmobiles for patrolling work in the protected areas during the winter months. This pilot will inform whether and how a potential large procurement of snowmobiles for all target areas should be conducted in the future.

Through this procurement, one snowmobile shall be delivered to Carpathian Biosphere Reserve as soon as possible to allow for sufficient time for testing during the winter of 2020/2021.

The particular type of snowmobile to be procured is indicated in the table below. The procurement also includes the delivery of the snowmobile to Rakhiv for handover to Carpathian Biosphere Reserve.

#	Description	Specifications	Units
1	Snowmobile	<p>Brand and model: <u>Ski-Doo Skandic WT 900 ACE™</u></p> <p>Model year: 2020</p> <p>Engine ROTAX® Engine: 900 ACE™ / Engine details: Liquid-cooled, four-stroke D.O.H.C., dry sump / Cylinders: 3 / Displacement: 899 cc / 54.9 in.³ / Bore: 74 mm / 2.9 in. / Stroke: 69.7 mm / 2.7 in. / Maximum engine speed: 7,250 RPM / Carburation: EFI / Recommended fuel type: Regular unleaded / Minimum octane: 87 / Fuel tank: 45 L / 12 US gal / Oil tank capacity: 3.3 L / 3.5 qt</p> <p>Powertrain Drive clutch type: eDrive™ 2 / Driven clutch type: QRS / Engagement: 2,100 RPM / Small sprocket number of teeth: 1st gear = 3.23:1 ratio / Large sprocket number of teeth: 2nd gear = 1.98:1 ratio / Drive sprocket number of teeth: 8 / Drive sprocket diameter: 183 mm / 7.2 in. / Brake system: Brembo brake with stainless-steel braided brake line</p> <p>Dry Weight: 302 kg / 664 lb</p> <p>Color: Viper Red/Black</p> <p>Dimensions Vehicle overall length: 3,370 mm / 132.7 in. / Vehicle overall width: 1,076 mm / 42.4 in. / Vehicle overall height: 1,330 mm / 52.4 in. / Ski stance: 900 mm / 35.4 in. / Ski overall length: 1,049 mm / 41.3 in. / Track nominal width: 500 mm / 20 in. / Track nominal length: 3,923 mm / 154 in. / Track profile height: 38.1 mm / 1.5 in.</p> <p>Suspension Front suspension: LTS/ Front shock: Motion Control / Front suspension max. travel: 150 mm / 5.9 in. / Rear suspension: SC™-5U / Center shock: Motion Control / Rear shock: HPG™ / Rear suspension max. travel: 239 mm / 9.4 in.</p> <p>Features Frame: REV-XU™ / Skis: Pilot™ DS / 2Seating: 2-up modular with underseat storage / Handlebar: Painted steel with J-hooks / Grab handle / Riser block height: 205 mm / 8.1 in. / Starter: Electric / Reverse: Mechanical / Heated throttle lever: Standard / Heated grips: Standard (driver only) / Gauge: Analog with display / Mirrors: Standard / Windshield: 580 mm / 23 in. / Runner: Square 3/8 / Carbide configuration: 102 mm / 4 in. at 90° / Hitch: Tongue Type</p>	1
2	Delivery	Deivery of the snowmobile to Rakhiv (incl. loading and unloading)	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.

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 in Ukraine.