

INVITATION
to select a supplier for GPS/GPRS transmitter for tracking of vultures by “Bright future for the Black Vulture” Project LIFE14 NAT/BG/649

Dear Sir/Madam,

We write on behalf of “Bright future for the Black Vulture” Project LIFE14 NAT/BG/649, being implemented by Green Balkans- Stara Zagora as a Coordinating beneficiary and the Fund for Wild Flora and Fauna, as Associated beneficiary (shortly called here “The Assigner”) and based on written order letter 162/20.06.2017r. would like to invite you to submit a tender in relation to provision of GPS/GPRS transmitter for tracking of vultures.

ASSIGNER:

NGO Fund for Wild Flora and Fauna
Head Office - 49, Ivan Mihailov, 2700 Blagoevgrad, Bulgaria
Address for correspondence - P.O. Box 78, 2700 Blagoevgrad, Bulgaria
Tel/Fax: 073/881440,
e-mail: pirin@fwff.org,
website: www.fwff.org,
Represented by Emilian Hristov Stoyanov – Chairman of the Board.

1. Goods to be provided

To implement the activities foreseen in Action C3 – “Release of Black Vultures, pre- and post- release care” in the Project “Bright future for the Black Vulture” – LIFE 14 NAT/BG/649, and according to the foreseen budget, a purchase of 10 GPS-GSM/GPRS transmitters is planned. The full quantity will be provided and delivered at once.

2. Goods to be delivered to:

NGO Fund for Wild Flora and Fauna address - 49, Ivan Mihailov, 2700 Blagoevgrad, Bulgaria by courier.

3. Terms and time schedule:

Purchase of the required GPS/GPRS transmitters should be done until 10 July 2017. Delivery should be done until 30 July 2017.

4. Requirements for transmitter choice

The transmitters might be with *patagial* pin attachment (attached to the wing) or equivalent. Therefore the following specifications are established:



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Criteria	GPS–GSM tracker of type – <i>patagial</i> (wing mount) or equivalent
➤ Housing	transmitter body with integrated attachment flap, pin and locking hexagonal nut for patagial attachment; strong and waterproof
➤ Antenna	No external antennas
➤ Size	Not larger than 55x56x32 mm, and weight ≤ 35 g
➤ GPS receiver	yes
➤ GSM transceiver	2G or 3G
➤ Battery	Internal
➤ Charger	Solar
➤ GPS logging intervals	≤ 600 seconds to 48 hours
➤ Data storage	≥ 2 MB flash memory
➤ Data upload	via GSM/GPRS/3G network
➤ GSM/GPRS network connection interval	≤ 60 min to 48 hours
➤ Data storage in lack of network	Logged data are stored in memory if phone network is unavailable
➤ Day & night sensing	yes
➤ Control	user remotely controls GPS & GSM schedules, night-time GPS hibernation and settings via online control panel
➤ Main data record	UTC date & time, GPS position, GPS altitude, speed, direction, HDOP, battery voltage, battery charging current, instant acceleration (3 axes), temperature, magnetic field strength (3 axes)
➤ Price	Max. EUR 1000 per item (including VAT)

Transmitter's specifications could be found in the Assignment (Annex 1).

5. Criteria for choosing of the provider:

5.1. Highest equivalence between the requested technical specifications in 4. and the offered (60% of the final assessment).

5.2. Lowest price (40% of the final assessment).

6. Requirements to the offers:

Provided offers should contain at least:

- 1) Information of the Company making the offer (name, address, contact person and information);



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- 2) Technical specification of the transmitter offered and the relevance to the required one;
- 3) Price offer of purchasing one item (including VAT) and price offer of purchase of 10 (ten) items with VAT;
- 4) Time validity of the offer.

7. Deadline and address for delivery:

Offers should be provided and received until 27 June 2017 at 16.30 CET by e-mail or post mail. The choice procedure will end until 5 July 2017 and all the providers applied will be informed by e-mail.

The offer could be send by e-mail to pirin@fwff.org (Read receipt is mandatory) or by post mail to address:

P.O. Box 78, 2700 Blagoevgrad, Bulgaria, NGO Fund for Wild Flora and Fauna.

For any queries, please
contact Emilian Stoynov at 00359 878 573841.

Yours faithfully,
For and on behalf of Fund for Wild Flora and Fauna
Lilia Karagiozova
/Financial Manager/



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ANNEX 1 Assignment

to select a supplier for GPS/GPRS transmitter for tracking of vultures by “Bright future for the Black Vulture” Project LIFE14 NAT/BG/649

I. Background

Fund for Wild Flora and Fauna, as Associated beneficiary (shortly called here “The Assigner”) in the project LIFE14 NAT/BG/649 “Bright future for the Black Vulture”. The project aims to restore the Eurasian Black Vulture (*Aegypius monachus*) in the Balkan Mountain and the Struma Valley, as well as boosting the newly established population of the Griffon Vulture (*Gyps fulvus*) in the target areas. Improvement of nesting and foraging habitat, as well as addressing and mitigating the threats is also foreseen. To reach these goals the Project partners will work to: 1. Reestablish the locally extinct Black Vulture as breeding species in Balkan Mountain and Struma Valley, by import and release of more than 48 birds; 2. boosting the population of the Griffon Vulture through import and release of more than 60 birds; 3. improving the nesting conditions; 4. improvement of the food base through encouraging extensive livestock breeding and wild ungulates restocking; 5. decreasing the risk of poisoning and electrocution; 6. increasing the capacity on national and local level for reintroduction programs for locally extinct species; 7. experience exchange between Bulgarian and International conservation institutions and partners.

II. Justification

Due to the Kresna poisoning incident when over 30 Griffon Vultures got poisoning in the spring of 2017, as well as for the successful implementation of the activities foreseen in Action C3 – “Release of Black Vultures, pre- and post- release care” in the Project “Bright future for the Black Vulture” – LIFE 14 NAT/BG/649, and according to the foreseen budget, it is necessary to purchase 10 GPS-GSM/GPRS transmitters for Griffon Vulture. The full quantity will be provided and delivered at once. Through tagging the released Griffon vultures with these transmitters, information for adaptation, whereabouts, home-range, threats- poisoning cases and migrations will be collected and specific actions dully addressed. The most significant benefit of the satellite tracking of Griffon Vultures is the ability to quickly identify vulture threats, such as poisoning timely detection of poison / bait location and prevention of poisoning of other birds in the area.

Upon this Project’s action, such GPS-GSM/GPRS transmitters should be ordered and purchased.

III. Work scope

Through the GPS-GSM/GPRS transmitters it will be possible the tagged birds to be followed and track and monitor the poisoning incidents, as well as data for habitats and sites preference collected.

IV. Transmitters specifications



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Criteria	GPS –GSM tracker of type – <i>patagial</i> (wing mount) or equivalent
➤ Housing	transmitter body with integrated attachment flap, pin and locking hexagonal nut for patagial attachment; strong and waterproof
➤ Antenna	No external antennas
➤ Size	Not larger than 55x56x32 mm, and weight ≤ 35 g
➤ GPS receiver	yes
➤ GSM transceiver	2G or 3G
➤ Battery	Internal
➤ Charger	Solar
➤ GPS logging intervals	≤ 600 seconds to 48 hours
➤ Data storage	≥ 2 MB flash memory
➤ Data upload	via GSM/GPRS/3G network
➤ GSM/GPRS network connection interval	≤ 60 min to 48 hours
➤ Data storage in lack of network	Logged data are stored in memory if phone network is unavailable
➤ Day & night sensing	yes
➤ Control	user remotely controls GPS & GSM schedules, night-time GPS hibernation and settings via online control panel
➤ Main data record	UTC date & time, GPS position, GPS altitude, speed, direction, HDOP, battery voltage, battery charging current, instant acceleration (3 axes), temperature, magnetic field strength (3 axes)

V. Requirements towards the supplier

The supplier may be Bulgarian or International physical or juridical entity.

VI. Requirements for transmitter choice

If criteria shown in pt. 4 (above) are met or similar, the selection to be done on the following criteria: “lowest cost”.

VII. Schedule and reporting

Purchase of the required GPS/GPRS transmitters should be done until 10 July 2017. Delivery should be done until 30 July 2017.



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The transmitters' delivery is at the expense of the supplier.

The delivery's address is: 49, Ivan Mihailov, 2700 Blagoevgrad, Bulgaria.

After being chosen FWFF will sign a contract with the supplier.

The amount of order is based on the price per item (transmitter), according to the agreed supplier's price list and offer.

The delivery should be accompanied by a Delivery record and an Invoice for the number and the related amount.

Prepared by
Emilian Stoynov
Fund for Wild Flora and Fauna



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