



**Instytut Geofizyki
Polskiej Akademii Nauk**

PRELIMINARY DESCRIPTION OF THE SUBJECT MATTER OF THE PROCUREMENT

The subject matter of the procurement is logistic support for the expedition to the A. B. Dobrowolski Polish Antarctic Station (66°16'29"S, 100°45'00"E), organized by the Institute of Geophysics Polish Academy of Science (IG PAS). The Station is located in East Antarctica, in the ice-free region of Bunge Hills, approximately 130 km from the edge of Shackleton Glacier, which flows into the Southern Ocean.

The expedition is expected to take place during the Antarctic season of 2021–2022. **The sea transport of expedition members must not commence earlier than in November 2021 and finish later than in May 2022, while the time spent by the group at the A. B. Dobrowolski Polish Antarctic Station must not be shorter than 7 days or longer than 60 days.**

The fundamental requirements in regard to the subject matter of the procurement are as follows:

- 1. Transporting between 2 and 5 people (hereinafter referred to as Expedition Members) from a sea port located in the European Union, Russia, Australia or South Africa to the A. B. Dobrowolski Polish Antarctic Station and back.**
 - 1.1. Providing the service with the use of an ice class vessel, whose ice class enables the execution of the procured service and complies with all applicable requirements concerning navigation in Antarctic waters, and which is equipped with a helipad.
 - 1.2. Providing helicopter transport of Expedition Members (between 2 to 5 people) from the vessel to the A. B. Dobrowolski Polish Antarctic Station and back (see: Section 3).

2. Transporting up to 15 tonnes of cargo from a sea port located in the European Union, Russia, Australia or South Africa to the A. B. Dobrowolski Polish Antarctic Station and back.

- 2.1. Between one and four 20-foot containers, weighing up to 4.5 tonnes each, as well as hazardous cargo (such as liquefied petroleum gas and unleaded petrol).
- 2.2. Providing helicopter transport of expedition cargo from the vessel to the A. B. Dobrowolski Polish Antarctic Station and back (see: Section 3).
- 2.3. Bearing in mind the planned removal of waste from the Polish Antarctic Station, the Contractor must inform the Ordering Party of the ways of waste sorting and waste disposal on board the vessel and in sea ports the vessel will call at on its return journey. The information must be provided before voyage commencement.

3. Logistic support for the Expedition Members during their stay in Bunger Hills, including:

- 3.1. Transportation of the Expedition Members and their cargo by helicopter.
- 3.2. Transportation from the vessel to the Polish Antarctic Station and back must be done with the use of a helicopter capable of transporting people and/or cargo weighing up to 4.5 tonnes (a 20-foot container) as well as hazardous cargo (such as liquefied petroleum gas and unleaded petrol).
- 3.3. The Contractor must offer the opportunity to carry out additional helicopter flights within Bunger Hills.
- 3.4. The dates of helicopter flights referred to in Sections 3.2 and 3.3 must be arranged with the Expedition Members.
- 3.5. As part of the procured service, the Contractor must provide insurance covering the Expedition Members and their cargo throughout the expedition, i.e. for the duration of the voyage to Bunger Hills and back, helicopter flights and the stay in Bunger Hills. The insurance must cover:
 - 3.5.1. The cost of search and rescue operations, including:
 - a) Search operations,
 - b) Providing medical help,
 - c) Transportation onto the vessel,

d) Transportation to the nearest hospital.

3.5.2. The cost of medical assistance, including:

- a) Medical help provided by a paramedic or doctor,
- b) Life-saving equipment and medicines,
- c) Hospitalization on board the vessel.

3.5.3. The cost of eliminating the effects of cargo damage or destruction during shipment by sea or by air (from the vessel to Bunger Hills or back), including:

- a) Collecting damaged cargo and transporting it onto the vessel,
- b) Permanently removing from the environment any hazardous substances.

Moreover, the Contractor undertakes to carry out the services specified in Sections 3.5.1–3.5.3 as part of the insurance provided.

- 3.6. Designating an English-speaking person as a primary contact between the crew and the Expedition Members.
- 3.7. Purchase and delivery of 400 litres of unleaded petrol to a designated place at the A. B. Dobrowolski Polish Antarctic Station. The petrol must be delivered in a tight container or containers suitable for transporting and storing liquid fuel.
- 3.8. Providing the Expedition Members with access to fuel-powered energy generators (230 V, 5kW) throughout their stay in Bunger Hills.
- 3.9. Complying with formal requirements (including those towards ATCM), such as, among others, reporting fuel transportation and storage in Bunger Hills.