



***Annex 1 to the Invitation –Description of the Subject of the Contract
Competition for tender No. 18/2025***

The subject of the contract is the supply of a **the supply of a 1.8-meter satellite antenna**, (hereinafter: “Device” or “Devices”), **necessary for the implementation of the “SAT2Rescue” project** Secured SATCOM-based solution enhancing emergency services and search & rescue missions , co-financed by the European Union (“EU”) represented by the European Union Agency for the Space Programme - the body delegated by the European Commission (Project 101180110 - SAT2Rescue - HORIZON-EUSPA-2023-SPACE, 4.10.2024).

The SAT2Rescue project, within the framework of which the Employer will implement the Subject of the Contract, is intended to introduce a state-of-the-art solution for emergency services and for telemedicine applications in the framework of humanitarian aid, using the infrastructure and services of GOVSATCOM - a European Union initiative providing secure satellite communications for governments and organisations.

Scope of the Subject of the Contract within the framework of the conducted purchasing procedure:

1. Supply of a complete **1.8-meter satellite antenna necessary for the implementation of the “SAT2Rescue” project with equipment** (hereinafter: “Device”) which includes:

LP. 1 Satellite antenna (an example of a device that meets The Employer’s requirements - Model 1831 Agilis) – 1 pcs.

1.8m Motorized Satellite Antenna with 7 segmented carbon fiber reflector designed to provide high gain and low cross polarization characteristics. The antenna shall also have +/- 180 degree AZ elevation above base azimuth, 5-90 degree EL Travel, Interchangeable feed interface. The contractor shall supply all antenna elements in shipping crates.

The antenna shall meet international performance specifications for commercial or military applications and be readily available in C, X, Ku, DBS and Ka band frequency bands in multiple bands.

In addition, the Antenna shall be Intelsat and Eutelsat compliant (using appropriate channel)

The Antenna shall have auto localization features with GPS, compass, DVB-S2 receiver, Beacon receiver and spectrum analyzer options.

LP. 2 Radiator with motorized Ku-band transmitting and receiving OMT - the device must be compatible with the Antenna Device offered by the Contractor described in item no. LP. 1 (an example of a device that meets The Employer’s requirements - PORT TX/RX KU BAND LP MOTORIZED MODE MATCHED FEED) – 1 pcs.

The Radiator should contain:



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2-port Tx/Rx Ku Band LP Motorized Mode Matched Feed

Tx: 13.75 - 14.5 GHz, Rx: 10.95-12.75 GHz

35 dB on-axis Cross Pol (Tx), X-Pol Compensated

35 dB off-axis Cross Pol in 1 dB contour (Tx)

Motorized polarization drive, +/- 90 degrees.

Tx rejection filter,

Pol. rotary joint.

The end user of the Equipment will be the Employer.

LP. 3 Antenna controller compatible with the Antenna Device offered by the Contractor described in item no. LP. 1 (an example of a device that meets The Employer's requirements - RC4000A Antenna Controller w/ GPS & Compass) – 1 pcs.

The antenna controller shall be equipped with:

3-axis antenna control,

Full automatic localization capabilities,

Integrated GPS and 3-axis compass,

Web-based graphical interface, Ethernet

GPS, Galileo, GLONASS and BeiDou

LP. 4 Antenna controller firmware compatible with the Antenna Device offered by the Contractor described in item no. LP. 1 (an example of a software that meets The Employer's requirements - Open AMIP for iDirect modem (modem CFE) software in RC4000) – 1 pcs.

LP. 5 Fixing kit (ground) compatible with the Antenna Device offered by the Contractor described in item no. LP. 1 (an example of a software that meets The Employer's requirements - BUC Mount Integration Kit (Ku) – 1 pcs.

LP. 6 Mounting kit compatible with the Antenna Device offered by the Contractor described in item no. LP. 1 (an example of a software that meets The Employer's requirements - BUC Mount Integration Kit (Ku) – 1 pcs.

The mounting kit should include a version for mounting on a boom with a housing.

It should also include mounting brackets, a connecting waveguide.

In addition, the Contractor is obliged to deliver a box with the assembly kit, in which a place for one BUC will be prepared (the Ordering Party will change the BUC during the use of the antenna, depending on which one is needed at a given time).

The Ordering Party indicates sample BUC models: IBR137145-2FA020WW and IBR137145-2FA100W, which should be used when selecting the above-mentioned kit (they differ in size, but the kit is to be universal).

ATTENTION:



The Employer due to the specific nature of the Subject of the Contract and the impossibility of using sufficiently precise terms in the specification that would allow the Contractor to understand the needs of the Employer's, the Employer has indicated above example models of specific Devices and accessories.

The end user of the Equipment will be the Employer.

LP. 7 Provide of a 24-month warranty with support and a warranty service provided by the manufacturer (or by entities authorised by the manufacturer) in accordance with the requirements described in point 6 below for the Equipment.

Furthermore, the Employer requires that:

1. The Equipment is brand new (in original packaging containing all factory-packed materials).
2. The Equipment has been delivered with all the necessary materials required for installation and commissioning.
3. The equipment came from a legitimate distribution channel.
4. The equipment was covered by the manufacturer's warranty and warranty service provided by the manufacturer (or by entities authorised by the manufacturer), which will be confirmed by the original warranty cards.
5. The period of the warranty and technical support should be guaranteed for at least the period indicated in the Description of the Subject of the Contract and the Contractor's tender.
6. The warranty service for the supplied Devices, under the warranty referred to hereinabove, should be provided by the manufacturer (or by entities authorised by the manufacturer) on the following terms and conditions:
 - 6.1. The service shall be available for **business days - 5 days a week (Monday – Friday), between the following hours [8:00 a.m. and 4:00 p.m.**, and shall be provided via phone or e-mail or via the IT tool/website of the manufacturer of the Device indicated by the Contractor. The Contractor undertakes to provide the Employer with all the necessary documents required to exercise its guarantee rights and to provide the Employer, not later than on the day of signing the Final Acceptance Report and also later on each change of these data, with all the data necessary for the Employer to exercise its guarantee rights, such as telephone numbers and e-mail addresses for receiving notifications.
7. The Contractor shall, not later than on the date of delivery of the Device, provide the Employer with complete user documentation for the Device in Polish or English prepared by the Manufacturer of the Device.
8. The Contractor undertakes to provide the Employer with all the necessary documents required to exercise its guarantee rights and to provide the Employer, not later than on the day of signing the Final Acceptance Report and also later on each change of these data, with all the

- data necessary for the Employer to exercise its guarantee rights, such as telephone numbers and e-mail addresses for receiving notifications.
9. In the event that the Contractor provides the Employer with **software**, together with the Device, under the guarantee the Employer shall have the right to download corrections, updates and new versions of the software in a manner that does not infringe upon the rights of the creators and copyright owner and does not restrict the Employer's rights to use the software.
 10. The Employer may exercise warranty rights independently of the rights under the quality guarantee.

ATTENTION!

- In all places in this Invitation and appendixes to this Invitation, in which it was used trademarks, patents, origin, source, or a specific process characterizing the software provided by a specific Contractor are indicated in this Request for Proposal and its annexes, this means that the Employer cannot describe the subject of the procurement in a sufficiently precise and understandable manner. In such situations, any references to trademarks, patents, origin, source, or a specific process should be read with the words "or equivalent." If the Employer has indicated brands or trade names, this indicates the class of the product being procured and serves to establish a standard, rather than identifying a specific product or manufacturer. The Employer specifies the criteria used to assess equivalence:

- 1) The Employer will consider equivalent software to be software that meets the minimum quality, operational, and technical requirements specified by the Employer in the description of the subject of the contract. This means that the equivalent product must have parameters no worse than those specified by the Employer, i.e., at least at the level required by the Employer. All costs and activities related to confirming that the equivalent offer meets the quality parameters are the responsibility of the Contractor.

- 2) In the event of offering a product with a name other than that required by the Employer, the Contractor is obliged to demonstrate in the offer that the materials offered meet the requirements specified by the Employer by providing the name of the software in Appendix No. 2 to the Invitation - Offer Form, clearly indicating that the offered software is equivalent to the requirements indicated in the description of the subject of the order, and to prove that the proposed solutions meet the requirements specified in the description of the subject of the order to an equivalent extent by attaching a detailed technical specification of the manufacturer of the subject of the order confirming that the offered equivalent software has parameters at least at the level required by the Employer.

- 3) In situations where the Employer describes the subject of the contract by referring to standards, technical assessments, technical specifications, and technical reference systems, it allows solutions equivalent to those described. The Contractor is obliged to demonstrate in its



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offer that the software it offers, equivalent to those indicated in the description of the subject of the contract, including the standards, meets the requirements specified by the Employer.

4) If the software differs from the one described in the subject matter of the contract, the Contractor should indicate equivalent products, standards, technical assessments, technical specifications, and technical reference systems in Appendix 2 to the Invitation – Bid Form. The Contractor should also include documents proving that the proposed solutions meet the requirements specified in the subject matter of the contract to an equivalent degree, in particular: certificates issued by bodies performing conformity assessment activities, including tests, certifications, and inspections accredited in accordance with Regulation (EC) No. 765/2008 of the European Parliament and of the Council of 9 July 2008, or test reports conducted by such bodies. The submitted certificates must be issued by an independent testing and certification body accredited by a national certification body – in the case of Poland, this is the Polish Centre for Accreditation (PCA). The Contracting Authority will accept certificates issued by other equivalent conformity assessment bodies.

- The burden of proof for proving the equivalence of the solutions offered with the solutions described by indicating an exemplary trademark, patent or origin, rests with the Contractor submitting an equivalent offer.