

TECHNICAL SPECIFICATION OF GOODS

DESCRIPTION OF THE PURCHASE OBJECT

1. DEFINITIONS

The Client – UAB 'LTG Link'.

Supplier – an economic operator – a natural person, a private legal entity, a public legal entity, other organisations and their branches, or a group of such persons, with whom the Client enters into a Contract.

Goods – Decryptors and VEPS keys.

Contract – the contract concluded between the Supplier and the Customer regarding the subject matter of the purchase.

2. SUBJECT MATTER OF THE PURCHASE

2.1. **VEPS keys and decryption terminals** (hereinafter referred to as **the 'Subject Matter of the Purchase'**).

2.2. The Subject Matter of the Purchase shall not be divided into parts.

2.3. **The items and quantities of the Subject of the Purchase are specified in the table in Annex No. 1 to the Tender Form.**

3. REQUIREMENTS FOR THE SUBJECT OF THE PROCUREMENT

3.1. General requirements:

3.1.1. If the Technical Specification specifies a particular type, model, make, applicable standard or other specific descriptive information regarding the goods to be procured, the Purchaser shall accept equivalent goods that comply with the parameters of the goods specified in the Technical Specification or the applicable standards. The Supplier undertakes to provide, substantiate and demonstrate equivalence to the item specified in the document.

When offering equivalent goods, their characteristics must not be inferior (i.e. they must be the same or better) to the requirements set out in the procurement documents, and the proposed equivalent goods must be fit for purpose without any restrictions (including, but not limited to, those listed below):

- without making any additional modifications to interacting components;
- its use will not result in accelerated wear and tear, faults and/or loss of warranty for the interoperable components;
- the expected service life is not shorter;
- there is no reduction in the level of technical sophistication.

3.1.2. The goods must be new, unused and free from physical or functional defects.

3.1.3. The goods (including their manufacturers) must not pose a threat to national security, as specified in the Procurement Documents.

3.1.4. The manufacturer guarantees **24 months'** software support for goods sold, commencing from the date of signing the goods acceptance and handover certificate.

3.2. Technical requirements:

No.	Technical and functional requirements	Quantity, condition
1. Decoder (laptop)		
1.1.	General requirements	The laptop must have a licensed Windows 11 Pro operating system installed, along with Citect SCADA with the VEPS extension
1.2.	Screen diagonal	16"
1.3.	Screen type:	IPS
1.4.	Screen resolution	Not less than 1920x1200
1.5.	Screen refresh rate	165Hz
1.6.	Processor	(CPU) AMD Ryzen™ 9 8940HX
1.7.	Clock speed	From 2.4GHz to 5.3GHz
1.8.	Number of processor cores	16
1.9.	Number of processor threads	32
1.10.	Graphics processing unit (GPU)	NVIDIA GeForce RTX 5070 Ti
1.11.	Graphics processing unit video memory type (VRAM)	Type: GDDR7
1.12.	Amount of RAM	16GB

1.13.	RAM type	DDR5
1.14.	Storage type	SSD
1.15.	Storage capacity	1000GB
1.16.	Physical ports	HDMI, USB-A, USB-C, RJ-451
1.17.	Wireless connections	Wireless LAN Wi-Fi 6E (802.11ax), Bluetooth, Bluetooth Version 5.3
1.18.	Device battery capacity	90Wh
2. VEPS key (USB)		
2.1.	USB flash drive capacity	4GB
2.2.	Memory type	SLC NAND
2.3.	Flash drive connector type	USB A
2.4.	Write cycles	>2 million
2.5.	Mean Time Between Failures (MTBF):	4 million
2.6.	Operating temperature range (°C)	from -45 to 90
2.7.	Data read speed	up to 30 MB/s
2.8.	Data write speed	up to 25 MB/s
2.9.	Shock resistance	3,000 G
2.10.	Vibration resistance	20G
2.11.	General requirements	Complies with the (MSC) v1.0 standard Compatible with USB 2.0 The USB stick must have a unique ID The memory stick is compatible for use as a bootable storage device (booting from USB) Enhanced error correction with 96-bit/1KB BCH ECC The memory stick complies with the RoHS Directive The memory stick must support AES 256-bit encryption The memory stick has no moving parts Zero noise level

4. DOCUMENTS TO BE SUBMITTED WITH THE TENDER

- 4.1. If the Procurement does not require the submission of documents proving the Goods' compliance with the specified requirements, the Purchaser shall have the right at any time during the performance of the Procurement to request the submission of documents proving the Goods' compliance.
- 4.2. The Supplier shall, together with the tender, provide, as an appropriate means of demonstrating how the equivalent goods it offers comply with the requirements or criteria set out in the Technical Specification, the tender evaluation criteria or the terms of performance of the procurement contract, a test report or certificate issued by a conformity assessment body established in the Republic of Lithuania; certificates issued by equivalent conformity assessment bodies established in other countries shall also be recognised. If the Supplier is unable to obtain the specified certificates or test reports, or is unable to obtain them within the specified time limit due to circumstances beyond the Supplier's control, and proves, by means of objective written evidence, that the goods comply with the requirements or criteria set out in the Technical Specification, the tender evaluation criteria or the conditions for the performance of the procurement contract, the Purchaser shall recognise other appropriate measures. However, a self-declaration by the Supplier, where the Supplier is not the manufacturer of the goods, without specific technical evidence, shall not be considered an appropriate means. (All evidence, certificates and other documents must be submitted with the tender).

5. DOCUMENTS TO BE SUBMITTED DURING THE PERFORMANCE OF THE CONTRACT

No.	Title	Requirements regarding content and form	Time of submission
5.1.	Documents demonstrating compliance with the NFR (non-functional) requirements for information security as set out in Annex 1 to TS	To be submitted in electronic form, in Lithuanian or English	To be provided at the Purchaser's request
5.2.	Equipment specifications and user manuals. Software licences, descriptions and user manuals	To be provided in electronic and printed form	Supplied with the equipment

FULFILMENT OF OBLIGATIONS

6. PROCEDURE FOR DELIVERY OF GOODS

- 6.1. The place of delivery is throughout Lithuania, excluding the Curonian Spit. The specific address will be specified separately.
- 6.2. The goods must be delivered no later than within 10 (ten) calendar days from the date the order is placed (one-off order).
- 6.3. Orders are placed by email
- 6.4. The Supplier undertakes to inform the Purchaser, no later than within 2 working days from the date the order is placed, that it will be unable to deliver the full quantity of Goods specified in the order.
- 6.5. The Supplier shall deliver the Goods to the specific address indicated during the Purchaser's working hours (Monday to Friday, 8.00 am – 5.00 pm).
- 6.6. The transport and unloading of the Goods shall be carried out at the Supplier's expense.
- 6.7. During the performance of the Contract, the Supplier shall not be entitled to supply Goods which do not comply with the requirements of the Procurement Documents and/or the supply of which is restricted due to international sanctions (as defined in the Law on International Sanctions of the Republic of Lithuania) and (or) due to the threat they pose to national security, as defined in the Procurement Documents and the Law on Public Procurement of the Republic of Lithuania / the Law on Procurement by Contracting Entities in the Sectors of Water Management, Energy, Transport and Postal Services of the Republic of Lithuania.
- 6.8. No later than 1 (one) working day after receipt of the order, and prior to fulfilling the order, the Supplier must inform the Purchaser in writing (by email) of the country of origin of the ordered goods and the manufacturer of the goods (its name, legal entity code, country of registration). The provision of this information is included within the order fulfilment period.

7. PROCEDURE AND TIME LIMITS FOR REMEDYING DEFECTS

- 7.1. Defects in the goods must be rectified no later than within 5 (five) calendar days from the date on which the Buyer sends the notification by email.
- 7.2. If the last day of the delivery period or the period for rectifying defects falls on a non-working day or a public holiday, the deadline shall be deemed to be the next working day. Public holidays and non-working days (Saturdays and Sundays) are included in the time limit for the delivery of the Goods or the rectification of defects in the Goods.

APPENDICES

Annex 1 – NFR (non-functional) requirements for information security

Annex 2 – Environmental (green) criteria