**TECHNICAL SPECIFICATION**

**OF PURCHASE OF MOBILE TELEPHONES**

1. Maximum value of mobile telephones (hereinafter referred to as Products), for which LITGRID AB (hereinafter referred to as the Buyer) intends to purchase the Products is 240 000,00 Euros (excluding VAT). The preliminary quantity is 410 units. (Category I – 279, Category II – 115, Category III – 16), possible deviation of 50 units.
2. The Products will be ordered according to need, i. e. according to the Buyer’s orders submitted to the Supplier by e-mail. In the order, the Buyer indicates the ordered Products, their quantities. The Products are delivered during the period agreed upon by the parties, but no later than within 10 business days from the day of confirmation of order submitted by e-mail. The place of delivery of the Products is: Karlo Gustavo Emilio Manerheimo g. 8, Vilnius. The Products are delivered in accordance with separate orders.
3. Requirements for the Products are the following:
   1. The delivered Products must be brand new, unused (packages must not be opened and must be sealed), of high quality. Renewed, refurbished, remarked Products are not allowed;
   2. The Products must be in their standard factory set;
   3. All Products delivered to the Buyer must be manufactured not earlier than 12 months before the day of their delivery to the Buyer;
   4. The Products are purchased and delivered together with an original case adapted to a respective model: a transparent or Product colour silicon back. The Product contained in the case must have the function of filming/taking of photos and the operation buttons located on the side must be accessible;
   5. The Products are purchased and delivered together with 20/25W USB-C quick charge adapter.
   6. The Products must be adapted for work with SIM cards of all Lithuanian public mobile telephone operators (must not be “tied”);
   7. The Products must be packed in the manufacturer’s standard packaging. The packaging must not be damaged and it must guarantee the safety of the Products contained therein during their transportation and warehousing. The packaging must meet the Law on the Management of Packaging and Packaging Waste of the Republic of Lithuania and the requirements of for rules of management of packaging and packaging waste approved by the order of the Minister of Environment of the Republic of Lithuania of 27 June 2002 No 348 “On approval of rules of management of packaging and packaging waste”;
   8. Together with the Products, the Buyer must be submitted with the entire technical documentation of Products, instructions of use, warranty conditions and other documentation required for proper use of the Products. The entire documentation must be submitted in Lithuanian or in English;
   9. The Products must be suitable for use in accordance with their intended purpose, they must not have any hidden defects, due to which it would be impossible to use the Products according to their intended purpose or due to which the efficiency of the Products would decrease;
   10. The Products must meet all requirements for such Products provided in legal acts;
   11. The Products and their accessories must be given no less than 24 months period manufacturer’s warranty. The period of warranty starts from the day of transfer of the Products to the Buyer. Conditions of after-sales service:
       1. At their own expense, the Supplier must eliminate all defects of the Products detected during the warranty period, or malfunctions, which occurred not due to the Buyer’s fault. If defects are detected repeatedly in the same Product, at the Buyer’s request, the Supplier must replace such Product with a new one.
       2. If the Buyer is unable to use the Products, for which the period of quality warranty is established, due to reasons depending on the Seller, the warranty period does not start until the Seller eliminates those circumstances. The warranty period is extended for the period, during which the Client was unable to use the Products due to vices and (or) defects.
       3. If during the warranty period, the period of restoration of ability to use the Product is longer than 5 business days, the Supplier must replace the defective Product with another Product, the parameters of which are no lower.
       4. If the defects become clear of malfunctions occur during the warranty period, the Client shall notify the Supplier thereof in writing. If the Supplier does not eliminate the defect or malfunction within 5 business days and does not replace the defective Product with another product during the period of restoration of ability to use the Product, the parameters of which are not lower, the Buyer shall have the right to perform this work at their own or third parties’ efforts under the responsibility and at the expense of the Supplier.
   12. All mobile telephones and mobile telephone chargers must meet the environmental protection criteria approved by the actual order of the Minister of Environment of the Republic of Lithuania of 28 June 2011 No D1-508 “On approval of the list of products, for which the environmental protection criteria of public tender and procurement shall apply, th description of procedure of application of environmental protection criteria and environmental protection criteria, which the contracting authorities and the contracting entities must apply when purchasing products, services or works”:

* The printing boards used to manufacture the product must not contain any chemical materials classified by attributing any of the following hazard or risk phrase according to the Regulation (CE) No 1272/2008: cancerogenic (H350, H351), causing heritable genetic damage (H340, H341), long-term exposure damages certain organs H372, H373), toxic for reproduction (H360D, H360F, H360FD), hazardous to the aquatic environment (H400, H410). **Documents proving the compliance with the requirements: manufacturer’s declaration or technical documents, or other equivalent proof.**
* Electronic components of the product must not contain beryllium. **Documents proving the compliance with the requirements: eco-label the Blue Angel or the manufacturer’s declaration, or technical documents, or other equivalent proof.**
* The tested State of Health of the battery after 300 cycles must be ≥80%. Tests must be carried out according to the standard IEC EN 61960-3:2017. See the explanatory note below for the definitions. **Documents proving the compliance with the requirements:**  **test results obtained by accredited ISO17025 test bodies according to the IEC EN 61960-3:2017 standard or equivalent. Products holding a relevant Type I Ecolabel fulfilling the specified requirements will be deemed to comply.**
* Equipment delivered as part of the contract must contain low halogenated substances in plastic parts that weigh more than 5 grams. Each plastic part of the device must contain less than 1000 ppm (0.1% weight by weight) of bromine and less than 1000 ppm (0.1% weight by weight) of chlorine. **Documents proving the compliance with the requirements:**  **Test data showing that the part contains less than 1000 ppm chlorine and less than 1000 ppm bromine (test methods used can be IEC 62321-3-1 or IEC 62321-3-2), or Documentation based on IEC 62474 or similar (e.g. documents produced according to the Substance Control system, such as analytical testing and suppliers’ conformity assessments). Products holding a relevant Type I Ecolabel fulfilling the specified requirements will be deemed to comply.**

1. It is preliminary envisaged to purchase the following models of the Products, the parameters of which are in compliance with these technical parameters and their later versions in three categories of products:
   1. Category I, Android OD fulfilment:

|  |  |
| --- | --- |
| Parameter | Meaning of parameter |
| Operating system | Android, version no lower than 13 or equivalent, One UI 5.1 or equivalent |
|  |  |
| Menu language | Must contain the possibility to select Lithuanian language |
| Screen | ~6.4", resolution no less than 1080 x 2340 ne colours no less than16M, Super AMOLED or equivalent |
| Data transfer | LTE, 2G, 3G, 4G, 5G, Wi-Fi 802.11 a/b/g/n/ac, Bluetooth no less 5.1 |
| SIM card type | 2x Nano SIM |
|  |  |
| NFC | Yes |
| USB connection | C-type |
| Random-access memory (RAM) | No less than 8 GB |
| Internal memory: | No less than 128 GB |
| Main camera | No less than 50 MP + 12 MP + 5 MP, front camera no less than 32 MP |
| Video recording | UHD 4K (3840 x 2160) | @30fps |
| Navigation device | GPS; GLONASS; GALILEO |
| Sensors | Accelerometer, proximity sensor, gyroscope, barometer, fingerprint scanner, compass |
| Quick charge function | Yes |
| Battery | 5000 mAh |
| Protection against dust and resistance to humidity | No less than IP67 |

* 1. Category I, iOS OS fulfilment:

|  |  |
| --- | --- |
| Parameter | Meaning of parameter |
| Operating system | iOS, version no lower than 14 or equivalent |
|  |  |
| Screen | ~6,1", resolution no less than 2532 x 1170, colours no less than 16M, Super Retina XDR OLED or equivalent |
| Data transfer | 3G, 4G, 5G, Wi-Fi 802.11 a/b/g/n/ac, Bluetooth no lower 5.0 |
| SIM card type | Nano SIM |
|  |  |
| NFC | Yes |
| USB connection | Lightning, C-type |
| Random-access memory (RAM) | No less than 4 GB |
| Internal memory: | No less than 64 GB |
| Main camera | No less than 12 MP + 12 MP, front camera no less than 12 MP |
| Video recording | 2160p@24/30/60fps, 1080p@30/60/120/240fps, 720p@30fps |
| Navigation device | GPS, GLONASS, GALILEO, QZSS, BEIDOU |
| Sensors | Accelerometer, distance sensor, gyroscope, barometer, facial recognition Face ID |
| Quick charge function | Yes |
| Battery | 2815 mAh |
| Protection against dust and resistance to humidity | No less than IP67 |

* 1. Category II, Android OS fulfilment:

|  |  |
| --- | --- |
| Parameter | Meaning of parameter |
| Operating system | Android, version no lower than 13 or equivalent, One UI 5.1 or equivalent |
|  |  |
| Menu language | Must be provided possibility to select Lithuanian language |
| Screen | ~6.1", resolution no less than 1080x2340 colours no less than 16M, Dynamic AMOLED 2X or equivalent |
| Data transfer | 2G, 3G, 4G, 5G, Wi-Fi 802.11 a/b/g/n/ac, Bluetooth no less 5.1 |
| SIM card type | 2x Nano SIM |
|  |  |
| NFC | Yes |
| USB connection | C-type |
| Random-access memory (RAM) | No less than 8 GB |
| Internal memory: | No less than 128 GB |
| Main camera | No less than 50 MP + 10 MP + 12 MP, front camera no less than 12 MP |
| Video recording | 4320p@30fps, 2160p@30/60fps, 1080p@30/60/240/960fps |
| Navigation device | GPS; GLONASS; GALILEO |
| Sensors | Accelerometer, proximity sensor, gyroscope, barometer, fingerprint scanner, compass |
| Quick charge function | Yes |
| Battery | 3900 mAh |
| Protection against dust and resistance to humidity | No less than IP67 |

* 1. Category II, iOS OS fulfilment:

|  |  |
| --- | --- |
| Parameter | Meaning of parameter |
| Operating system | iOS, version no lower than 16 or equivalent |
|  |  |
| Screen | ~6,1", resolution no less than 2532 x 1170, colours no less than 16M, Super Retina XDR OLED or equivalent |
| Data transfer | 3G, 4G, 5G, Wi-Fi 802.11 a/b/g/n/ac, Bluetooth no less 5.0 |
| SIM card type | Nano SIM |
|  |  |
| NFC | Yes |
| USB connection | Lightning, C-type |
| Random-access memory (RAM) | No less than 6 GB |
| Internal memory: | No less than 128 GB |
| Main camera | No less than 12 MP + 12 MP, front camera no less than 12 MP |
| Video recording | 2160p@24/25/30/60fps, 1080p@25/30/60/120/240fps, 720p@30fps |
| Navigation device | GPS, GLONASS, GALILEO, QZSS, BEIDOU |
| Sensors | Accelerometer, distance sensor, gyroscope, barometer, facial recognition Face ID |
| Quick charge function | Yes |
| Battery | 3279 mAh |
| Protection against dust and resistance to humidity | No less than IP67 |

* 1. Category III, Android OS fulfilment:

|  |  |
| --- | --- |
| Parameter | Meaning of parameter |
| Operating system | Android, version no lower than 13 or equivalent, One UI 5.1 or equivalent |
|  |  |
| Menu language | Must be provided possibility to select Lithuanian language |
| Screen | ~6.6", resolution no less than 1080x2340, colours no less than 16M, Dynamic AMOLED 2X or equivalent |
| Data transfer | 2G, 3G, 4G, 5G, Wi-Fi 802.11 a/b/g/n/ac, Bluetooth no less than 5.1 |
| SIM card type | 2x Nano SIM |
|  |  |
| NFC | Yes |
| USB connection | C-type |
| Random-access memory (RAM) | No less than 8 GB |
| Internal memory: | No less than 128 GB |
| Main camera | No less than 50 MP + 10 MP + 12 MP, front camera no less than 12 MP |
| Video recording | 4320p@30fps, 2160p@30/60fps, 1080p@30/60/240/960fps |
| Navigation device | A-GPS; GLONASS; BDS; GALILEO,QZSS |
| Sensors | Accelerometer, proximity sensor, gyroscope, barometer, fingerprint scanner, compass |
| Quick charge function | Yes |
| Battery | 4700 mAh |
| Protection against dust and resistance to humidity | No less than IP67 |

* 1. Category III, iOS OS fulfilment:

|  |  |
| --- | --- |
| Parameter | Meaning of parameter |
| Operating system | iOS, version no lower than 16 or equivalent |
|  |  |
| Screen | ~6,1", resolution no less than 2556 x 1179, colours no less than 16M, Super Retina XDR OLED or equivalent |
| Data transfer | 3G, 4G, 5G, Wi-Fi 802.11 a/b/g/n/ac, Bluetooth no less than 5.0 |
| SIM card type | Nano SIM |
|  |  |
| NFC | Yes |
| USB connection | Lightning, C-type |
| Random-access memory (RAM) | No less than 6 GB |
| Internal memory: | No less than 128 GB |
| Main camera | No less than 48 MP + 12 MP + 12 MP, front camera no less than 12 MP |
| Video recording | 2160p@24/25/30/60fps, 1080p@25/30/60/120/240fps, 720p@30fps |
| Navigation devices | GPS, GLONASS, GALILEO, QZSS, BEIDOU |
| Sensors | Accelerometer, distance sensor, gyroscope, barometer, facial recognition Face ID |
| Quick charge function | Yes |
| Battery | 3200 mAh |
| Protection against dust and resistance to humidity | No less than IP67 |

1. The Supplier must be the manufacturer of the proposed Products, and, if they do not manufacture the proposed Products themselves, they must have a written agreement concluded with the manufacturer concerning the sale of the proposed Products.
2. During the validity period of the Agreement, if the prices of the Products shall change (decrease), new models of Products shall be sold or the current models of the Products shall not longer be sold, the supplier must notify the Buyer on the changes.