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# *ANNEX II + III :* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title: Supply of observation and patrolling equipment & accessories to the EUMM Georgia, in 7 lots p 1 /…**

**Publication reference :** EUMM-21-7655

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the Contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the contracting authority shows the required specifications (**not to be modified by the tenderer**),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient). Please detail your offer for all specifications requested in column 2, point by point, in the same format as in column 2.
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration**. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation** **committee.**

**The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.**

**Copies of product data sheet, pictures and other descriptions may be provided.**

**NOTES:**

* **For every item, tenderers must provide information/recommendations where it can be serviced/repaired during and after the warranty period (preferably in Georgia) should it be required.**
* **For the items that need end-user certificate awarded tenderer must provide all information required for the import to Georgia.**

| **Lot 1:** **Binoculars**  |
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| **1.****Item Number** | **2.****Specifications Required** | **3.****Specifications Offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation Committee’s notes**  |
| **1.1** | **Binocular 10x50 QTY: 6 pcs** **Technical Specifications:*** Magnification: 10x
* Objective lens diameter: 50 mm
* NBR (nitrile) long-life rubber armouring
* Fully coated (scratch-resistant, anti-reflective and non-stick)
* Independent focusing system for each eyepiece
* Diopter adjustment range: +/- 5
* Water and dust proof
* Fog proof
* Shock proof

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer** **Accessories to be included for each binocular:*** A carry case/bag from shock absorbing material
* A neck strap
* Eyepiece caps
* Objective caps

***Steiner MM1050 Binocular or equivalent****Note: no camouflage colors allowed neither for the equipment nor for the accessories* |  |  |  |
| **1.2** | **Binocular 15x80 QTY: 4 pcs** **Technical Specifications:*** Magnification: 15x
* Objective lens diameter: 80 mm
* NBR (nitrile) long-life rubber armouring
* Fully coated (scratch-resistant, anti-reflective and non-stick lens coating)
* Independent focusing system for each eyepiece
* Diopter adjustment range: +/- 5
* Water and dust proof
* Fog proof
* Shock proof

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer** **Accessories to be included for each binocular:*** A carry case/bag from shock absorbing material
* A neck strap
* Eyepiece caps
* Objective caps
* Tripod adapter

***Steiner M1580 Binocular or equivalent****Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |
| **1.3** | **Binocular 15X56 QTY: 4 pcs** **Technical Specifications:*** Magnification: 15x
* Objective lens diameter: 56 mm
* Fully coated (scratch-resistant, anti-reflective and non-stick lens coating)
* Rubber-armoured construction
* Diopter adjustment range: +/- 5
* Water and dust proof
* Fog proof
* shock proof

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer** **Accessories to be included for each binocular:*** A case/bag from shock absorbing material
* A neck strap
* Eyepiece caps
* Objective caps
* Tripod adapter

***Swarovski SLC 15X56 or equivalent****Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |

| **Lot 2:** **Thermal Imaging Binocular** |
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| **1.****Item Number** | **2.****Specifications Required** | **3.****Specifications Offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation Committee’s notes**  |
| **2.1** | **Thermal Imaging Binocular QTY: 1 pc****Technical Specifications:*** Handheld uncooled Thermal Imaging Binocular
* Waterproof (up to 1 metre)
* Dustproof (IP67)
* Weight: max. 2000g
* Temperature range: -40 to + 50 c
* Camera functions with Thermal pictures and Thermal videos
* Lens resolution: minimum 640 x 480
* Zoom function: minimum x4
* Observation range: minimum 3 kilometres
* Object range: minimum 75mm
* Polarity function: White hot; Black hot; Red Hot; Ice Hot; Sepia
* Interface: USB
* Operating time: minimum 5 hours
* Power: rechargeable batteries; redundant power supply; charger 220V; vehicle charger 12V

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each thermal imaging binocular:*** USB Cable
* A neck strap
* User Manual
* Shock absorbing portable transportation case
* Shock absorbing portable transportation bag

*Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |

| **Lot 3:** **Laser Rangefinder** |
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| **1.****Item Number** | **2.****Specifications Required** | **3.****Specifications Offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation Committee’s notes**  |
| **3.1** | **Laser Rangefinder QTY: 1 pc** **Technical Specifications:*** Magnification: min 6x (day)
* Range capabilities: >8000m
* Accuracy: +/- 5m
* Night Vision: Integrated or Low Light Capability
* Laser type: class 1
* Weight: max. 2000g
* Digital Magnetic Compass: integrated, three-dimensional
* GPS: Communication with GPS receivers or built in GPS receiver
* Digital Output: RS232 and/or Bluetooth and/or built in data storage
* Interface: possible USB

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer** **Accessories to be included:*** USB Cable if with USB interface
* A neck strap
* User Manual
* Shock absorbing portable transportation case
* Shock absorbing portable transportation bag

*Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |

| **Lot 4:** **Photo Cameras** |
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| **1.****Item Number** | **2.****Specifications Required** | **3.****Specifications Offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation Committee’s notes**  |
| **4.1** | **Photo camera QTY: 25 pcs** **Technical Specifications:*** DSLR type
* Fully compatible with Canon EF and EF-S mount type lenses
* Sensor type: APS-C
* Sensor resolution: >30MP
* Continuous shooting: >6 frames per second (fps)
* Autofocus: >40 AF points
* Splash and dust proof
* Storage type: SD, SDHC, SDXC (UHS-II compatible)
* Shutter type: Electronically controlled focal-plane shutter. Speed 30-1/8000 sec. Electronic shutter up to 1/16000.
* ISO Sensitivity: Auto (100-25600), 100-25600 (in 1/3-stop or whole stop increments)

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each camera:*** A DSLR camera case/bag from shock absorbing material
* A neck strap
* A charger with cable
* One extra battery pack
* 2 compatible SDXC UHS-II memory cards, minimum 64 GB

***Canon EOS 90D or equivalent*** *Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |

| **Lot 5:** **Lenses**  |
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| **1.****Item Number** | **2.****Specifications Required** | **3.****Specifications Offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation Committee’s notes**  |
| **5.1** | **150-600 mm Zoom Lens QTY: 12 pcs** **Technical Specifications:*** Focal Length: 150-600 mm
* Compatible with Canon EF mount
* Maximum aperture: f/5 to 6.3
* Minimum three low dispersion glass elements
* Minimum focus distance: 2.5 m
* Vibration/ Optical Image stabilization
* Autofocus with Ultrasonic/Hyper Sonic motor or similar
* Weather sealing
* Full-time manual focus mechanism

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each lens:*** Shock absorbing lens case
* Lens hood
* Lens caps
* Tripod adapter

***TAMRON SP 150-600mm G2 (Generation 2) ultra-telephoto lens or equivalent****Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |
| **5.2** | **600 mm Lens QTY: 2 pcs** **Technical Specifications:*** Focal length: 600m
* Compatible with Canon EF mount
* Maximum aperture: f/4
* Minimum focus distance: 5m
* Focus type: autofocus
* Vibration/ Optical Image stabilization
* Weather sealing
* Full-time manual focus mechanism
* Weight: 3000g (+/- 200 g)

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each lens:** * Shock absorbing lens transportation case
* Lens hood
* Lens caps
* Tripod adapter

***Canon EF 600mm f/4L IS III USM or equivalent****Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |
| **5.3** | **800 mm Lens QTY: 2 pcs** **Technical Specifications:*** Focal length: 800 mm
* Compatible with Canon EF mount
* Maximum aperture: f/5.6
* Minimum focus distance: 6m
* Vibration/ Optical Image stabilization
* Focus type: autofocus
* Weather sealing
* Full-time manual focus mechanism
* Weight: 4500g (+/- 200g)

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each lens:** * Shock absorbing lens transportation case
* Lens hood
* Lens caps
* Tripod adapter

***Canon EF 800mm f/5.6L IS USM or equivalent****Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |
| **5.4** | **18-300mm Lens QTY: 20 pcs****Technical Specifications:*** Sensor type: APS-C
* Focal length: 18-300mm
* Compatible with Canon EF-S mount
* Maximum aperture: F3.5-6.3
* Minimum focus distance: 0.5m
* Vibration/ Optical Image stabilization
* Focus type: autofocus
* Full-time manual focus mechanism
* Zoom lock: Yes
* Filter size: 72mm

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each lens:** * Shock absorbing lens case
* Lens hood
* Lens caps

***Sigma 18-300mm F3.5-6.3 DC Macro OS HSM C******or equivalent****Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |
| **5.5** | **Tele Converter Lens 2.0X QTY: 4 pcs****Technical Specifications:*** 2.0x magnification factor
* Communication between lens and camera
* Integrated processor
* Fully compatible with Canon EF mount lenses (in particular with Canon EF 600mm f/4L IS III USM and Canon EF 800mm f/5.6L IS USM)

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each tele converter lens:*** A case
* Lens caps for both ends

***Canon EF 2.0X III Telephoto Extender or equivalent****Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |
| **5.6** | **Tele Converter Lens 1.4X QTY: 5 pcs** **Technical Specifications:*** 1.4x magnification factor
* Communication between lens and camera
* Integrated processor
* Fully compatible with Canon EF mount lenses (in particular with Canon EF 600mm f/4L IS III USM and Canon EF 800mm f/5.6L IS USM)

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each tele converter lens:*** A case
* Lens caps for both ends

***Canon EF 1.4X III Telephoto Extender or equivalent****Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |

| **Lot 6:** **Night Vision Adapter Lenses** |
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| **1.****Item Number** | **2.****Specifications Required** | **3.****Specifications Offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation Committee’s notes**  |
| **6.1** | **Night Vision Adapter Lens** **QTY: 2 pcs** **Technical specifications:*** Magnification: unity, 1:1
* 3rd generation intensifier tube
* Compatible with Canon’s EOS SLR camera
* Power source: powered by camera
* Fully compatible with autofocus and zoom functions
* Attaches between the lens and the camera mount
* Resolution: minimum 64lp/mm

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each night vision adapter lens:** * A shock-absorbing case
* Lens caps for both ends

***AstroScope 9350EOS-3PRO or equivalent*** *Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |

| **Lot 7:** **Tablets** |
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| **1.****Item Number** | **2.****Specifications Required** | **3.****Specifications Offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation Committee’s notes**  |
| **7.1** | **Tablet** **QTY: 24 pcs** **Technical specifications:*** CPU & graphics (SoC): octa-core processor (eg. Qualcomm Snapdragon 660, 670 or similar)
* OS: Android 9 (update available for Android 11)
* Display: 10.1" 1920x1200 IPS display with capacitive multi-touch and S Pen support
* Memory: 4 GB
* Storage: 64 GB internal storage, micro SD port
* Rear-Facing Cameras: 8 mpx  f/2.0 or better
* Front-Facing Cameras: 8 mpx f/2.0 or better
* Video Recording: 4K at 30fps, 1080p at 60 fps, 16:9 aspect
* Battery: Li-Ion, minimum 6000 mAh, removable
* Sensors: Accelerometer, compass, fingerprint
* Weight: max. 1000g
* Connectivity: 802.11ac Wi-Fi, Bluetooth, NFC
* Satellite positioning/navigation systems: GPS, A-GPS, Glonass, Galileo
* Water and dust proof (IP68)
* Certified to the latest MIL-STD-810G standard.

**Warranty – Min. 1 year / 12 months or as per manufacturer’s standard warranty, whichever is longer****Accessories to be included for each tablet:** * Protective case with shoulder strap
* AC adapter
* Stylus pen
* Screen protector film
* Qwerty attachable keyboard (Designed and tested to MIL-STD 810G shock and vibration specifications, compliant with FCC class-B, CE, RoHS, REACH, C-Tick)

***Samsung Galaxy Tab Active Pro or equivalent with compatible keyboard (Gamber Johnson 2-in-1 Attachable Keyboard****for the Samsung Galaxy Tab Active Pro Tablet or equivalent)**Note: no camouflage colors allowed neither for the equipment nor the accessories* |  |  |  |