

## **Section II: Schedule of Requirements**

**eSourcing reference: ITB/2022/39277**

**Provision of photo, video and IT equipment for the National Police of Ukraine (UNOPS-PRAVO2-2022-G-001)**

**A. Summary of Requirements**

UNOPS requirements refer to the provision of photo, video and IT equipment for the National Police of Ukraine, as per the following lots:

**LOT 1: Photo and video equipment**
**LOT 2: PC Workstations with monitors**
**B. Technical specifications for Goods and Comparative Data Table**
**LOT 1: Photo and video equipment**

| Item No | UNOPS minimum technical requirements  | Quantity |
|---------|---|----------|
| 1.      | <b>Sets of permanent studio light</b><br>Type: LED monoblock Features constructive elements: built-in display, active cooling<br>Power: 100-150 W<br>Colour temperature: 3200/5600 k<br>Power regulation: 10%-100%<br>Luminous flux: 10000 lm<br>Kit includes: Rack 2 m, Softbox 80*80  | <b>8</b> |
| 2.      | <b>Camera light</b><br>Luminance: Adjustable min 1900 Lux (1 m.), min 640 Lux (2 m.)<br>White colour temperature: Adjustable 3200K-5500K (+/- 10%)<br>Camera mountable via<br>Diffusion angle: min 120 °<br>Power supply: Battery/AC Power<br><br>Miscs:<br>- Battery with battery charger<br>- 1/4 universal interface camera Hot Shoe included<br>- AC Power adapter  | <b>8</b> |
| 3.      | <b>On-camera microphone radio system</b><br>(equal or equivalent to Sennheiser 112p G4-G) (8 Pcs)<br>Microphone type: omni-directional lavalier<br>Wireless Technology: Analog UHF<br>Number of RF Channels: min 1000<br>Max Operating Range: min 100 m (Line of Sight)<br>Receiver Type: Camera-Mount<br>Power supply: battery or accu charged to provide operating time up to 8h<br>Transmitter Type: Bodypack<br>RF Output Power: 30 mW (+/- 10%)<br>Audio output: 3.5 mm jack socket: +12 dBu (mono, unbalanced)<br>HD, total harmonic distortion: ≤ 1 %<br>Signal-to-noise ratio: ≥ 100 dBA<br>Modulation: Wideband FM<br>Intermodulation attenuation: ≥ 60 dB<br>Receiver Principle: Adaptive diversity | <b>8</b> |
| 4.      | <b>Professional Camera tripod</b><br>Compatible with Video head Item 5  | <b>8</b> |

|    |   |          |
|----|---|----------|
|    | Weight max 2kg<br>Top Attachment 3/8" screw<br>Ball Flat - Flat<br>Safety Payload Weight up to 7 kg<br>Closed Length not more than 65 cm<br>Maximum Height - min 160 cm   |          |
| 5. | <b>Video head</b><br>(equal or or equivalent to Manfrotto MVH500AH)<br>Counterbalance System: Fixed<br>Front Tilt: -70° / +90°<br>Head Type: Video/Fluid Head<br>Pan Drag: fluid cartridge with fixed drag<br>Plate Type: 500PLONG<br>Tilt Drag: fluid cartridge with fixed drag<br>Center of gravity: 55 mm<br>Panoramic Rotation: 360 °   | <b>8</b> |
| 6. | <b>Digital camera with lens (type A)</b><br>Digital Camera Type: Mirrorless Camera<br>Image Sensor Size: 35mm Full Frame (36 x 24 mm)<br>Effective Pixels: min 30 megapixels<br>Video recording Resolution: min 3840 x 2160<br>min 8fps continuous shooting<br>Wi-Fi Enabled: Yes<br>Digital Zoom: min 10x<br>ISO50 to ISO102400 to be included, Single SD card slot.<br>Connectivity: Wi-Fi, Bluetooth<br>Standard battery life min 350 shots<br>Features: Dual Pixel CMOS AF, 5655 AF points<br>Microphone Input: Yes<br>Number Of Memory Card Slots: minimum 1<br>Memory Card Compatibility: Secure Digital, Secure Digital Extended Capacity (SDXC), Secure Digital High Capacity (SDHC)<br>Output: HDMI<br>Display Type: LCD<br>Touch Screen: Yes<br><br>Lens:<br>Maximum Focal Length: 105.0 millimeters<br>Minimum Focal Length: 24.0 millimeters<br>Maximum Aperture: 4.0 f/<br>Lens Miscellaneous and features: Compatible Lens Adapter for the offered camera, Image stabilisation included, ultrasonic motor | <b>8</b> |
| 7. | <b>Digital camera with lens (type B)</b><br>Digital Camera Type: Mirrorless Camera<br>Image Sensor Size: 35mm Full Frame (36 x 24 mm)<br>Effective Pixels: min 30 megapixels<br>Video recording Resolution: min 3840 x 2160<br>min 8fps continuous shooting<br>Wi-Fi Enabled: Yes<br>ISO range to be included - ISO50 to ISO102400,   | <b>1</b> |



|    |   |          |
|----|---|----------|
| 2. | <b>Monitor</b><br>Monitor 27" IPS, 3840 x 2160, 60 Hz, 16:9, 350 cd/m2, 1000:1, max. 140 W, 1 x HDMI, 4 x USB 3.0, 1 x USB Type-C, 1 x DisplayPort, 1 x 3.5mm Mini-Jack, screen Swivel, screen Pivot, tilt adjustment | <b>9</b> |
|----|---|----------|

### C. Delivery requirements and Comparative Data Table

| UNOPS Requirements                        |   |
|---|---|
| <b>Delivery time</b>                      | Bidder shall deliver the goods maximum <b>three months</b> after the Contract signature.  |
| <b>Delivery place and Incoterms rules</b> | DAP, 8 addresses in Ukraine, in accordance with the attached Delivery List  |
| <b>Consignee details</b>                  | In accordance with the attached Delivery List   |
| <b>UNOPS Right to vary requirements</b>   | At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 20%] , without any change in the unit prices or other terms and conditions of the ITB. |

### D. Inspections and tests

UNOPS or its representative reserves the right to inspect and/or test any or all item of the goods to confirm their conformity to the contract, prior to dispatch from the manufacturer's premises. Such inspection and clearance will not prejudice the right of the consignee to inspect and test the goods on receipt at destination.

If the goods fail to meet the laid down specifications, the supplier shall take immediate steps to remedy the deficiency or replace the defective goods to the satisfaction of the purchaser.]