

ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

Contract title: Support to strengthening fight against trafficking in Human Beings

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Publication reference : EuropeAid/139438/IH/SUP/RS

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)
- 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.

1. PROJECT DESCRIPTION

The purpose of this contract is purchase of vehicles, office furniture, IT equipment, audio-video equipment, as well as surveillance equipment for the Serbian Police authorities, in order to improve their capacities in fight against the trafficking of human beings (THB).

Department for Contracting and Financing of EU Funded Programmes (CFCU) of the Ministry of Finance of the Republic of Serbia is the Contracting Authority responsible for this project. The beneficiary of this Contract (Beneficiary) is the Ministry of Interior.

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2. DELIVERY LOCATIONS

2.1 The delivery addresses for the equipment which is subject of this contract is specified under point 4 of this technical specification/offer. The Supplier shall agree the installation schedule with the Contracting Authority in consultation with the Beneficiary. The Beneficiary shall guarantee the Supplier's free entrance to the buildings and relevant room(s) during the installation works. The Supplier shall be fully responsible for its equipment until the provisional acceptance has been issued.

3. GENERAL PROVISIONS

3.1. General Requirements

- 3.1.2. All the equipment shall be provided brand new, complete with the necessary accessories and/or parts such as to ensure that the unit is capable of operating to the required technical and quality specifications.
- 3.1.3. Equipment which allows upgrading of capacities shall be provided in such a way that upgrades can be performed by installing additional capacity without discarding the already installed capacities.

3.2. Power supply standard

Unless otherwise stated in the Detailed Technical Specifications, all electrical equipment should be powered with 220V, 50Hz AC. All devices must be compliant with Serbian and European Union electrical safety standards and follow EEC CE Marking Directive.

3.3. Post-Completion Documentation

Where required, the Contractor will be responsible for preparation of Technical Post-Completion Documentation describing the system implemented. It should include graphical description of interconnection between various elements, all hardware and software configuration details, start-up scripts and a description of mandatory maintenance procedures to be followed by the Beneficiary during day-to-day operation of the equipment. The Post-completion Documentation will be subject to approval of the Contracting Authority.

ANNEX II – TECHNICAL SPECIFICATIONS

LOT 5: Supply of Surveillance Equipment

1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
1	<p>Digital Voice Recorder - Quantity: 1</p> <ul style="list-style-type: none"> - Memory - 4GB or higher - SD card slot - Connectivity - USB - Recording format supported: at least PCM - Recording Time without battery recharge: at least 6hrs - Playback format supported: at least PCM, MP3 - built-in microphone - Interfaces: <ul style="list-style-type: none"> o Earphone Jack o Mic-In Jack - Software for PC connectivity (if needed) 	<p>Manufacturer: Model:</p>		

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2	<p>Sub-Miniature Digital Stereo Voice Recorder Quantity: 1</p> <ul style="list-style-type: none"> - Memory - 2GB or higher - Recording Time --. At least 8 hrs - Interface: USB - Dimensions: at most 55mm x 40mm x 8 mm - Built-in microphone - Microphone sensitivity -55dB or better - Battery powered 			
3	<p>Covert DVR with an Integrated HD Camera Type 1 Quantity: 2</p> <ul style="list-style-type: none"> - Covert design in shape of smartphone - Built-in Wi-Fi - Battery life at least 75 minutes - Recording media Micro SD at least 16GB - HD resolution (720p) or better - Video Compression: H.264 			

1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
4	<p>Covert DVR with an Integrated HD Camera Type 2 Quantity: 2</p> <ul style="list-style-type: none"> - Covert design in shape of key fob - Built-in Wi-Fi - Battery life at least 75 minutes - Recording media Micro SD at least 16GB - HD resolution (720p) or better - Video Compression: H.264 			
5	<p>NVR / Network Video Recorder Quantity: 6</p> <ul style="list-style-type: none"> - Number of channels: at least 8 - Video Compression H.264 - Internal HDD at least 2 TB - Power supply 12 v (solution with 12/24V DC/DC converter is acceptable) - Video interface: at least 1.HDMI and 1 VGA - Communication interfaces: at least 1 x USB, 1 x RJ45 network interface - Monitor at least 7" - Compliant with offered IP Cameras for special vehicle 			
6	<p>Surveillance Camera Quantity: 12</p> <ul style="list-style-type: none"> - outdoor IP camera - PTZ - Recording resolution: HD or Full HD 			

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	<ul style="list-style-type: none"> - Optical zoom 30 x or more (optical or combination optical/digital) - Low light - Memory card at least 32GB - Power supply 12 v (solution with 12/24V DC/DC converter is acceptable) - Protection level: IP66 			
7	<p>IP Camera for Special Vehicle Quantity: 4</p> <ul style="list-style-type: none"> - outdoor IP camera (rooftop mount) - PTZ - Optical zoom 20 x or more - Low light - Effective distance: 400m or better - Power supply 12 v (solution with 12/24V DC/DC converter is acceptable) - Protection level: IP66 			
8	<p>Surveillance Drone Quantity: 1</p> <ul style="list-style-type: none"> - “Fly ready” solution, no assembling except changing cameras (if necessary) - Flight duration with payload with any of offered cameras installed :25 minutes or more - Max. Flying Altitude: at least 2000m - Battery powered - Operating temperature: -10° to 45° C - Support for autonomous flight modes: <ul style="list-style-type: none"> o Point of Interest (POI) 			

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	<ul style="list-style-type: none"> ○ Return Home ○ Follow Me ○ Orbit Me/POI - Thermal / low light camera: <ul style="list-style-type: none"> ○ Sensitivity: < 50 mK or better ○ Temperature measurement and display ○ 640x512px sensor ○ Gimbal mounted ○ Data storage: memory card at least 32GB - Daylight camera: <ul style="list-style-type: none"> ○ Video Resolution: Full HD ○ Zoom at least up to 8 x ○ Resolution 600 x 1 200 or better ○ Data storage: memory card at least 32GB ○ Gimbal mounted with 360° - Remote control: <ul style="list-style-type: none"> ○ Display Screen at least 7" ○ Control range at least 2 km - Accessories: <ul style="list-style-type: none"> ○ Battery charger(s) ○ 2 memory cards of at least 32GB each ○ Carrying case ○ Spare battery for each battery-powered device ○ All transmitters, converters and cables necessary for full operation 			

1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
	<p>One-day training for utilization of this item will be will be organized for small group of participants, at the time and place determined by the Beneficiary. It will be Contractor's job to design and deliver the training, engaging experienced trainer/engineer/technician, and providing translation if necessary.</p>			

4. *DISTRIBUTION LIST*

LOT 5: Supply of Surveillance Equipment

	SBPOK/Central unit Belgrade	Belgrade Police Unit	Novi Sad Police Unit	Nish police unit	CHTVP Belgrade	Regional Police Depts.	MoI IT Sector	Grand Total

Item No.:								
1	1							1
2	1							1
3	2							2
4	2							2
5	5			1				6
6	12							12
7				4				4
8			1					1

Appendix I – Verification operations and warranty conditions

Installation: The Contractor will be responsible for installation, configuration and start-up of the supplies delivered in accordance with the directions provided by the Beneficiary. The Contractor will be also responsible for integration of the supplies delivered with the existing infrastructure, if required by the nature of the supplies provided. The Beneficiary reserves the right to delegate 2 of its employees to actively participate in the installation and configuration phase together with the Contractor's implementation team. The Contractor will be responsible for integration of the supplies delivered with the existing networking infrastructure. This may require the update of the configuration of the existing routers, firewalls and switches.

Contractor will be responsible for installation, configuration and start-up of the server operating systems.

Testing: Items shall be tested during the takeover event, where all the required specifications and features shall be accounted for, and full functionality of the items shall be presented.

Training: For Items 1 to 7 of this Lot, no specific training is foreseen for the items stated in this Lot, except for the basic introduction to the items. For Item 8 of this lot, specific training shall be organized, as described in the Technical Specifications.

Warranty: Warranty for this Lot is 12 months, starting from the date of issuance of Provisional Acceptance Certificate.

Commercial warranty: Commercial warranty for this Lot is minimum 12 months, starting from the date of issuance of Final Acceptance Certificate.