

ANNEX II + III

TECHNICAL SPECIFICATIONS

Contract title: Improve technical working conditions of court police; Equipment for Court Police

Publication reference: 136617/DH/SUP/BA

Technical reference: EC/BiH/TEN/15/001

Lot 4 – Video surveillance system in judicial institutions of Tuzla

Column 1-3 should be completed by the Contracting Authority

Column 5-4 should be completed by the tenderer

Column 6 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:

- Columns 1-3 completed by the Contracting Authority show the required specifications (not to be modified by the tenderer),
- Column 4 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 5 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The 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.

Lot 4 – Video surveillance system in judicial institutions of Tuzla

Video surveillance system will cover building of the following judicial institutions in Tuzla (Cantonal court, Municipal Court and Cantonal Prosecutors' Office). This system must be IP technology based. Monitoring of the video surveillance system will be performed by the Court Police of Federation of Bosnia and Herzegovina, Department Tuzla from their operations room.

1	2	3	4	5	6
Item number	Specifications Required	Qty	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
4.1	<p>32- channel IP network video recorder</p> <ul style="list-style-type: none"> ➤ IP video input 32 channel ➤ HDMI and VGA output ➤ HDD SATA up to 4TB capacity ➤ Up to 5 MP (2560x190) recording resolution ➤ Alarm in, alarm out 	1			
4.2	<p>64-channel IP network video recorder</p> <ul style="list-style-type: none"> ➤ IP video input 64 channel ➤ HDMI and VGA output ➤ HDD SATA up to 4TB capacity ➤ Up to 5 MP (2560x190) recording resolution ➤ Alarm in, alarm out 	1			
4.3	<p>Internal Dome camera</p> <ul style="list-style-type: none"> ➤ 1.3 MP ➤ Lens 2,8-12mm ➤ Day & night ICR up to 20m ➤ Resolution 1280-960 ➤ IP 66 ➤ HD real time video 	45			

1	2	3	4	5	6
Item number	Specifications Required	Qty	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
	<ul style="list-style-type: none"> ➤ Vandal-proof ➤ Mount kit included 				
4.4.	<p>Rotating camera network controller (keyboard)</p> <ul style="list-style-type: none"> ➤ PTZ control with three axis joystick ➤ LCD display ➤ Support for 15 users ➤ Mount kit included 	1			
4.5	<p>External rotating camera</p> <ul style="list-style-type: none"> ➤ 1.3 MP ➤ 20X optical zoom, 16x digital zoom ➤ Day & night, 3D DNR, Digital WDR ➤ Resolution 1280-960 ➤ IP 66 ➤ HD real time video ➤ 3D intelligent positioning ➤ Mount kit included 	5			
4.6	<p>External IR cameras, day/night</p> <ul style="list-style-type: none"> ➤ 1.3 MP ➤ Lens 2,8-12mm ➤ Day & night ICR up to 30m ➤ Resolution 1280-960 ➤ IP 66 ➤ HD real time video ➤ Mount kit included 	17			

1	2	3	4	5	6
Item number	Specifications Required	Qty	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
4.7	24-port POE switch <ul style="list-style-type: none"> ➤ 24 port ➤ POE ➤ PoE Power up to 15.4 Watts for every 802.3af PoE port ➤ 19" Rack mount kit included 	4			
4.8	6 Wireless panic buttons <ul style="list-style-type: none"> ➤ 12 VDC ➤ 150m range ➤ LED indicator of transmission <p>in complete set with control panel with keyboard and wireless expansion module</p>	1 set			
4.9	RACK 7 HE <ul style="list-style-type: none"> ➤ Dimensions: 400x400x400 ➤ System door and side locks and two keys ➤ Thermally processed door glass, minimum 4mm thick 	4			
4.10.	RACK 22 HE <ul style="list-style-type: none"> ➤ Dimensions: 120x600x600 ➤ Weight: up to 59 kg ➤ System door and side locks and two keys ➤ Thermally processed door glass, minimum 4mm thick 	1			

1	2	3	4	5	6
Item number	Specifications Required	Qty	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
4.11	LED TV 32" <ul style="list-style-type: none"> ➤ Resolution (1366x768) ➤ 32" (80cm) ➤ LED LCD ➤ Digital audio out (optical) ➤ Scart (Full) ➤ 2 x HDMI ➤ CI Slot ➤ Wall mount included 	2			
4.12	UPS 1000VA <ul style="list-style-type: none"> ➤ 1000VA ➤ 600W ➤ Backup time: 10 minutes 	2			
4.13	HDD <ul style="list-style-type: none"> ➤ 2 TB capacity ➤ SATA 6Gb/s ➤ 7200 rpm ➤ Cache 64 MB ➤ 3,5 inch disk 	16			
4.14	Workstation Desktop Mini Tower <ul style="list-style-type: none"> ➤ "Mini Tower" chassis, designed to enable opening of the case, change of optical devices, hard disk drive without use of tools 	1			

1	2	3	4	5	6
Item number	Specifications Required	Qty	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
	<ul style="list-style-type: none"> ➤ Blocking of all USB ports through the BIOS ➤ Processor: minimum two cores, Passmark CPU Mark 5600 or higher ➤ Minimum 8 GB DDR3 SDRAM ➤ Upgradeable RAM to minimum 16 GB ➤ Minimum 2 TB HDD SATA II 7200rpm ➤ DVD/ROM drive, SATA ➤ Integrated network adapter 10/100/1000 ➤ Discrete graphic controller with 2GB dedicated DDR 3 RAM Memory; min. 700MHz GPU, outputs minimum: 2xDVI, 1xD-Sub, 1x HDMI ➤ Integrated HD audio controller + integrated speakers ➤ Ports in the front: Minimum 2 USB 3.0, audio in and out ➤ Ports in the rear: Minimum 6 USB ports (out of which minimum 2 USB 3.0 ports), audio in and out, Ethernet, VGA; ➤ Minimum 20" wide LCD Monitor from the same manufacturer as the Workstation Desktop, minimum resolution 1600x900, 5 ms response time or less, ➤ Keyboard – BiH layout, USB, from the same manufacturer as the Workstation Desktop; ➤ Optical USB mouse, 2 buttons (with scroll button), from the same manufacturer as the Workstation Desktop ➤ MS Windows 8 Pro x64 – English <u>or equivalent</u>; ➤ Installation CD or DVD with all the drivers including Recovery disk; ➤ Energy star certified 				
	<p>Remark: For installation purposes, a contractor is obliged to provide power supply cables, connectors, plastic cable channels, AC adapters, fuse boxes, all other materials needed for system installation and project documentation when the work is completed.</p> <p><i>For the easier estimation of the installation costs, the following sizes and minimum quality of the cables, network connectors and plastic cable channels are given:</i></p>				

1	2	3	4	5	6
Item number	Specifications Required	Qty	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
	<p><i>- length and type of power supply cables: For Items 4.1 to 4.5, it is necessary to connect equipment with 3500 meters (+/- 10%) of UTP CAT 6 cable or cable of the better quality.</i></p> <p><i>- length and type of plastic cable channels: Approximate length and sizes of the plastic cable channels are: PVC channel 17x30 – 450 meters, 17 x 17 – 100 meters, parapet channel with cover 105 x 65 – 10 meters.</i></p> <p><i>- for Item 4.7 and cameras, it is required to install 150 (+/- 10%) of network connectors RJ 45.</i></p> <p><i>Given sizes and minimum quality of cables, network connectors and plastic cable channels only serve to the tenderers to estimate the price of installation.</i></p>				

Contractor must deliver, install and put into operation video surveillance system in the building of judicial institutions in Tuzla (address: Maršala Tita 137, 75000 Tuzla). Contractor must provide one-day training how to operate the system to 5 staff members of the Court Police of Federation, Department Tuzla and supply system and user manual documentation in local language (Bosnian/Croatian/Serb).

Additional information regarding installation issues (installation paths, location of central system and monitoring components, positioning of each camera and its area coverage), with obligation of signing the confidentiality statement, will be provided during site survey of the building of judicial institutions in Tuzla which will be organized according to Article 13 of Contract Notice and article 14 of Instructions to Tenderers.

Warranty period for all items: 1 year.

Commercial warranty as granted by the manufacturer.