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CONTRACTING AUTHORITY'S CLARIFICATIONS Nr 5
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Strengthening the Rule of Law in Serbia - Establishment of stationary and mobile video surveillance system for state border protection (11SER01/01/41)

No	Question	Answer
1.	<p>Ref. Question 5 – In your answer it is reported that the software which is used for the existing video surveillance is “BOSCH factory software”. Please clarify which version of software is currently used, such as Bosch Video management System Software V.2 or previous version. This information is required to assess if we need to procure and install upgrade licenses.</p> <p>Considering that the manufacturer of the existing software has been notified after the publication of the Tender and that the answer to our question is vital for the definition of the price, based on the fact that the sole award criterion will be the price, please allow 14 days extension of the deadline for the submission of the Tender.</p>	<p>MoI does not have licensed software such as Bosch Video management System. The version of Bosch client video software that MoI uses is freeware version that can be downloaded from the Internet and currently it is Bosch Video Client V1.3.</p> <p>Please note that the tender submission deadline has already been extended twice by corrigenda published on the EuropeAid website and in the Official Journal of the European Union.</p>
2.	<p>[R62] The cameras shall be wired to CCC. The local network shall be built by the Supplier according with ANSI/TIA/EIA 568-B standard, with PoE capabilities for cameras and switches.</p> <p>The number of external cameras is quite high and the installation cost varies depending on the distance from the CCC and the required cabling infrastructure.</p> <p>i. What is the existing infrastructure for cameras installation?</p>	<p>There is no infrastructure for cameras installation (inside or outside).</p> <p>Camera installation on BCPs is part of Bidders obligations. It is recommended to install cameras on existing poles where possible or on BCPs buildings. The Bidder shall propose the most suitable solution about cabling for cameras (underground or aerial).</p> <p>Average cable length between camera position and workstation on every BCP does not exceed standard regulations for</p>

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No	Question	Answer
	<p>ii. Is there underground or aerial infrastructure for camera's cabling?</p> <p>iii. If not; is there a need for underground cable conduits?</p> <p>iv. What is the maximum distance for the outdoor cameras?</p> <p>v. Are the indoor cameras in the same building with CCC?</p> <p>vi. If not what is the maximum distance?</p> <p>vii. What is the infrastructure inside the buildings?</p>	<p>network cabling and it could be estimated on 50 to 60 meters for outdoor cameras and around 30 meters for indoor cameras.</p> <p>Not all indoor cameras are in the same building with CCC. Most cameras will be installed in buildings which are different of CCC and the maximum distance is 50-60 meters.</p> <p>The Bidder shall design and install the entire infrastructure for indoor and outdoor cameras.</p>
3.	<p>[R36] It will expectedly have an operational crew of two(2) persons.</p> <p>[R37] It shall accommodate two persons in the drivers's area and shall provide a space in the working area for two persons as well.</p> <p>Table no.1 : Structure for one (1) Mobile surveillance subsystem between BCP (green border"</p> <p>It is required to provide working area for two persons in MSS.</p> <p>Please confirm that inside the van (MSS) only one (1) type1 workstation and three (3) monitors are required to be installed, according to table 1.</p>	<p>Yes, the interpretation of this requirement is correct.</p>
4.	<p>[R318] [R336] [R384]</p> <p>HDD: 3.5 "ITB SATA HDD 7200 rpm, Hot-Swap.</p> <p>[R198]</p> <p>Hard drive configuration support: 3.5" SATA 6.0 Gb/s, 7200 rpm, 2.5" SATA 6.0Gb/s, 10000rpm, 3.5" SAS/2.5" SAS 6.0Gb/s, 15000 rpm, 2.5" SSD SATA 6.0Gb/s, Hot-Swap.</p> <p>For type 1-3 workstations it is required that the hard drive should be Hot-Swap. Workstations have one disk. It is not possible to remove this hard drive while the workstation is running.</p> <p>Please confirm that there is no need for Hot-Swap for workstations.</p>	<p>Requirements regarding "Hot-Swap" for all workstations are referring to "removable hard disk bays".</p> <p>All workstations from MSS and FSS should have removable hard disk for security reason.</p>
5.	[R355]	Yes, the UPS should be rack mountable.

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No	Question	Answer
	<p>The rack and rack-mountable hardware provided shall use the 19 inch size standard compatible.</p> <p>[R358] Maximum dimensions: H85mm, W420 mm, W580mm.</p> <p>[R380]</p> <p>Rack mountable (maximum 2U).</p> <p>In [R358] the dimensions of the UPS are smaller than the ones that correspond to 19" rack and 2U mount.</p> <p>Please confirm that :</p> <p>a) the UPS should be rack mount and fitted in 2U, 19" Rack depth 580mm and</p> <p>b){R358] H85 mm, W420 mm, should be ignored.</p>	<p>Offers that contain floor standing rack will be also accepted, because of the weight of equipment that needs to be accommodated inside the rack.</p> <p>Please consider 2U as maximum height of UPS.</p>
6.	<p>[R162] Fresh air intake system for cab (with activated charcoal canister).</p> <p>Please clarify "charcoal canister". Is an "activated charcoal filter housing" equivalent, acceptable?</p>	<p>All requirements are minimal and mandatory</p> <p>The Bidder can offer any type of product which complies with requirements from Technical Specifications.</p> <p>Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.</p>
7.	<p>[R 402] The bidder shall provide modern methods of training on an eLearning platform with integrated videoconference capacity. The training shall be applied on Regional Border Police facilities.</p> <p>It is mentioned that the training will be applied on Regional Border Police facilities.</p> <p>Please specify if the training has to be performed in 7 circles, one for every RBPP or 1 circle of training in one RBPP.</p>	<p>The training should be performed in one (1) session (circle) per RBPP.</p> <p>The total number of training sessions (circles) using e-Learning platform will be seven (7) for each training level (please see [R401]).</p>
8.	<p>[R141] it shall require a category "B" driver's license to drive it.</p> <p>[R141] Total maximal authorized weight: 5.300kg</p> <p>These two requirements are incompatible since a category "B"</p>	<p>These VAN Vehicles will be operated by MoI authorized personnel who should comply with the Serbian legislation regarding driver's license.</p> <p>There is a typo in [R150] from the Technical Specifications.</p>

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No	Question	Answer
	<p>license is for total maximal authorized weight 3500kg.</p> <p>Please clarify which one of the above requirements is correct.</p>	<p>It shall be read "Total maximal authorized weight: 3.500 kg" instead of "Total maximal authorized weight: 5.300 kg".</p>
9.	<p>1. In the vehicles requirements we can find the following requirements: Item Number : [R141] It shall require a category "B" driver's license to drive it. Item Number : [R150] Total maximal authorized weight: 5.300 kg As far as we know, this is incompatible with the B drivers' licence ? B Drivers' licence: Motor vehicles with a maximum authorised mass <http://en.wikipedia.org/wiki/Gross_combination_mass> not exceeding 3500 kg and designed and constructed for the carriage of no more than eight passengers in addition to the driver; motor vehicles in this category may be combined with a trailer having a maximum authorised mass which does not exceed 750 kg. We suppose that the R150 wants to put 3.500 kg, so please, we need your explanation .</p>	<p>These VAN Vehicles will be operated by MoI authorized personnel who should comply with the Serbian legislation regarding driver's license.</p> <p>There is a typo in [R150] from the Technical Specifications. It shall be read "Total maximal authorized weight: 3.500 kg" instead of "Total maximal authorized weight: 5.300 kg".</p>
10.	<p>2. We need explanation regarding Item Number : [R257] : What did you mean exactly under this request ? That GIS should be compatible with maps that have already Serbian Police? Please, advice.</p>	<p>The GIS system will use existing maps of Serbia provided by MoI (Standard vector and raster format of spatial data can be supported by MoI) or create new ones if the proposed system cannot integrate the existing ones.</p>
11.	<p>3. Regarding Item Number [R168] we need explanation : where do you want the independent heating system? For the cabinet, or for the operators zone? Do you mean heating or cooling?</p>	<p>Heating system is for operator's zone. Heating and cooling functionalities are requested.</p>
12.	<p>1. Requirement 1.1[R4] states InSb detector material. We ask that the contracting authority accepts detectors made with other materials such as MCT, as they comply with the EU regulations and are included in cameras bearing CE marking. Using MCT detectors</p>	<p>All requirements are minimal and mandatory. The Bidder can offer any type of product which complies with requirements imposed by Technical Specifications. Offered solutions will be assessed in detail by the Evaluation Committee. All</p>

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No	Question	Answer
	<p>improves performance compared to InSb in the required range and also allows more suppliers to enter the competition, ensuring greater competition and leading to a better value for the taxpayer and a better product for the end-user.</p> <p>Re. MCT detectors and their compliance with European directives, please note that infrared devices are categorized as "Monitoring and Control Equipment" as defined by UK WEEE Regulations SI 2006 No. 3289, which implement EU Directive 2002/96/EC. Further to this, as the UK RoHS Regulations SI 2008 No. 37, which implement EU Directive 2002/95/EC do not apply to "Monitoring and Control Equipment", therefore infrared cameras and associated products are permitted the use of lead-based solder (InSb) and MCT.</p> <p>For further reference, the directive 2011/65/EU , art. 16, paragraph 1, regarding presumption of conformity also states that any EEE device bearing the CE mark is presumed to be compliant with the directive until proven otherwise.</p> <p>Also, according to Annex IV in the DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, infrared detectors are specifically exempt from the directive's requirements:</p> <p>Applications exempted from the restriction in Article 4(1) specific to medical devices and monitoring and control instruments:</p> <p>....</p> <p>"Sensors, detectors and electrodes</p> <p>...</p> <p>1c. Lead, cadmium and mercury in infra-red light detectors."</p>	<p>offered products complying with the Technical Specifications will be accepted.</p>

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No	Question	Answer
	For reference: L 174/106 Official Journal of the European Union 1.7.2011 http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:174:0088:0110:en:PDF	
13.	<p>2) Requirements R42 and R184 state "the videos from both cameras should be available in MPEG4 and analogue video PAL."</p> <p>Please clarify whether this is demanded from the camera itself or from the video server of the mobile surveillance unit. For instance our camera provides analogue composite and component video outputs supporting CCIR/STANAG, VESA and HDTV video formats - offering higher quality than requested. Converter modules could provide the requested output - MPEG 4. In the interest of increased competition among European suppliers is it acceptable to use converter modules?</p>	<p>All requirements are minimal and mandatory.</p> <p>The Bidder can offer any type of product which complies with requirements imposed by Technical Specifications.</p> <p>Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.</p>
14.	1. Regarding R141 and R150, do you mean maximum authorized weight of 3.500Kg, as it is required category "B" driver license to drive the vehicle?	<p>These VAN Vehicles will be operated by MoI authorized personnel who should comply with the Serbian legislation regarding driver's license.</p> <p>There is a typo in [R150] from the Technical Specifications.</p> <p>It shall be read "Total maximal authorized weight: 3.500 kg" instead of "Total maximal authorized weight: 5.300 kg".</p>
15.	2. Regarding R168, where do you want the independent heating system, for the driver cabinet or for the operator's zone? Do you mean heating, cooling or both?	<p>Heating system is for operator's zone.</p> <p>Heating and cooling functionalities are requested.</p>
16.	3. Some of the specified products are manufactured outside the EU (180° camera, TETRA terminals), and other EU providers are not fully compliant. What is the prevailing requirement (technical or EU manufactured,	<p>All requirements are minimal and mandatory.</p> <p>Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the</p>

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No	Question	Answer
	regarding IPA)?	<p>Technical Specifications will be accepted.</p> <p>Tenderers shall follow the instructions given in Article 4.1 of the Instructions to Tenderers in this regard. Please note that for some items derogation to the rule of origin was issued for this procurement procedure. Please see the corrigendum published on the relevant EuropeAid website and in the Official Journal of the European Union.</p>
17.	Taking into account the modification brought to the tender for the Border Surveillance Systems, Europe Aid/133145/C/SUP/RS, please let us know if the replies to the clarification notices no 3622/21.11.2012, no. 3980/21.12.2012, no. 4006/28.12.2012 and no 16/08.01.2013 sent by us shall be replied to or we have to reiterate our requests?	Please note that all questions received 21 day before the tender submission deadline are answered by the Contracting Authority. Replies are uploaded continuously to the relevant EuropeAid website. All answers will be published latest by 11 days before the tender submission deadline.
18.	[R402] Q1: What functionalities should the LMS have regarding the videoconferencing (i.e. scheduling, notifications, invitations etc.)?	The videoconferencing module should be able to sustain at least 23 concurrent users. The solution should offer the tutor the possibility to use drawing instruments, share pictures/presentations/documents or parts of his/her desktop.
19.	[R402] Q2: Are the requirements for videoconferencing only for audio and video transmission?	The videoconferencing module should be able to sustain at least 23 concurrent users. The solution should offer the tutor the possibility to use drawing instruments, share pictures/presentations/documents or parts of his/her desktop
20.	[R402] Q3: How many maximum concurrent users are expected to log into a Video Conferencing session?	The videoconferencing module should be able to sustain at least 23 concurrent users.
21.	[R402] Q4: What interaction between trainer and participants should be supported in the Video Conferencing module - one-to-many or many-to-many?	One to many.
22.	[R402] Q5: Is it acceptable to make an	Yes if the licensing model ensures the minimum requirements of the Technical

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No	Question	Answer
	integration of the LMS with 3rd party videoconferencing software such as Cisco WebEx, Microsoft Lync or Adobe Flash Media Server?	Specifications and is perpetual without any supplementary costs for the Beneficiary. The integration should be at least at Single Sign On level.
23.	[R404] Q1: Is it required that offline course tracking is supported and offline test results are recorded?	No.
24.	[R404] Q2: On what devices (phones, tablets) is expected the content to be used?	Tablets.
25.	[R404] Q3: What versions of the mobile platforms should be supported?	Latest stable release.
26.	[R404] Q4: What is meant by "Windows mobile platform" - Windows Phone or Windows Mobile or Windows RT?	Latest stable version of Windows RT.
27.	1. Taking into account the level of specific project details necessary to draft the work procedures, please clarify which work procedures and instructions have to be submitted now, in the qualification phase, and which are requested only from the winning bidder?	All requirements are minimal and mandatory. All work procedures and instructions requested shall be submitted by the tenderer as part of its offer.
28.	2. Please specify if template tender document 7 TENDERER'S DECLARATION(S), which includes at item 3 information about the price of the tender, shall be included in the eligibility documentation or in the financial offer?	The Tenderer's Declaration may be included in the eligibility (general) information, however, there is no specific requirement in this regard.
29.	3. Taking into account that in the above mentioned tender is not divided into lots, please clarify the item 4 from document 7 TENDERER'S DECLARATION(S), where the bidder is requested to "grant a discount of [%], or [J [in the event of our being awarded Lot No... and Lot No]. ". Please clarify this request. Please state if a discount is requested or not from the bidder.	Discount might be granted by the bidder or not, even in case there is one lot.
30.	4. In the situation where Euro is not the national currency, in order to calculate	It is acceptable to use the Romanian National Bank's annual medium

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No	Question	Answer
	the annual turnover for the last 3 years, is it acceptable to use the Romanian National Bank's annual medium currency rate issued for each year? if not please state an exchange rate from the Romanian Leu to Euro for each year.	currency rate issued for each year for calculating the annual turnover for the last 3 years.
31.	5. Please clarify how can the Bidder demonstrate that the proposed methodology and the procedures which shall be used shall fully cover the theme of the project so that it would be possible to test all the functionalities identified in the analysis and design phase, namely item R125 from the Technical specification?	Every Bidder can use own methodology and the procedures to comply this requirement. Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.
32.	6. In order to eliminate any according to which the development/configuration and internal testing activities will be conducted and they will demonstrate the integration of these procedures with the analysis and design procedures, requested at item R117 from the Technical specifications.	Every Bidder can use own methodology and the procedures to comply this requirement. Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.
33.	7. Regarding the item R66 from the Technical specification that states "All cameras should have sound record capability", please clarify; 7.1 Should the cameras have the capacity to accept a microphone? 7.2 Should the cameras include the microphone?	Both situations will be accepted.
34.	8. Regarding the item R184 from the Technical specification that contains the requested performances of the thermal camera, please clarify if only the thermal camera should have Dual digital MPEG and dual analog PAL"?	The requirement is referring to the thermal camera.
35.	9. Regarding the item 191 from the Technical specification containing the CPU details, please specify how many processors shall be supplied/offered at the workstation for operation type 1?	The Bidder should offer a configuration which to ensure system functionality. All requirements are minimal and mandatory. Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.

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No	Question	Answer
36.	10. Regarding the item 192 from the Technical specification containing the memory controller details, what amount of RAM has to be installed?	The memory for workstation for operation type 1 should be established by the Bidder in order to ensure system functionality for all types of operation. Our recommendation is to use of minimum 8 GB.
37.	11. Regarding the item 198 from the Technical specification containing the hard drive configuration support details, please clarify the following aspects: 11.1 How many HDD should be delivered/contained in the offer? 11.2 Which is the minimum storage capacity for one single HDD for the workstation for operations type 1 ?	The Bidder could use any combination of the presented HDD types in order to ensure necessary storage capacity and system functionality. The Bidder should calculate the necessary capacity for HDD in order to store information (image, sound, data etc.) for 30 days (24 hours per day).
38.	12. Regarding the item 283 from the Technical specification about the high-level protection, in order to clear of confusion or uncertainty, please answer the following 12.1 Should the outdoor cameras be type dome? 12.2 Can it be acceptable for the outdoor fix video cameras to be box type and to be supplied in a thermostat exterior housing?	The Bidder should offer a configuration ensuring system functionality. All requirements are minimal and mandatory. Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.
39.	13. Regarding the item 292 from the Technical specification where you request "Support for at least two six-core (up to 2.46 GHz) Intel Xeon series processors or equivalent please clear up how many processors shall be supplied/offered for the server with storage capabilities?	Two is minimum required CPU.
40.	14.Regarding the item 232 from the Technical specification that states the minimum camera requirements, would you accept JPEG2000 compression coding that is used for high resolution cameras, because H.264 is not adequate to this situation?	The Bidder should offer a configuration which to ensure system functionality. All requirements are minimal and mandatory. All offered products complying with the Technical Specifications will be accepted.
41.	15. Regarding the requested letter from the manufacturer that guarantees that "genuine accessories, spare parts, genuine software security and other critical software patches will be available for a minimum of 10 years	As written in the Technical Specifications the Bidder shall provide the manufacturer's guarantee. A prior opinion can not be provided by the Contracting Authority. Offered

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No	Question	Answer
	after the acceptance", item [R22]. Taking into account the long period of time and the inevitable technical developments, please accept such a letter from the manufacturer that guarantees that fully compatible such equipment to those supplied/included in the offer shall be available for the 10 year period.	solutions will be assessed in detail by the Evaluation Committee.
42.	16. In the tender's technical specifications at chapter 1.4, item R7, you state that the digital maps will be provided by the care of the Beneficiary. 16.1 Please state which shall be the format for the maps provided for the bidder?	The digital maps and data will be provided by the care of beneficiary. Data and format of the maps will be established by MoI and Contractor in the design phase (Standard vector and raster format of spatial data can be supported by MoI).
43.	17. In the tender's technical specifications at chapter 2.3, item R58 it is stated that all imagines shall be displayed simultaneously locally in Command and Control Center (CCC). In table no. 3 this location is not specified. 17.1 Please specify the location (town/city) where the CCC is located. 17.2 Please specify if any communication currently exists between the CCC and the RBPP. If such communication exists, please specify its type: optic fiber, radio, etc. Please specify the available bandwidth that can be used by the fixed surveillance system, between the CCC and the RBPP	There are three levels of the Command and Control Center (CCC) depending on responsibility area. CCC-Locally: CCC from each 22 BCP responsible with the coordination of daily operation. CCC-Regional: CCC from each 7 Regional Border Police Points (RBPP). CCC-Central: CCC from Belgrade in HQ of Border Police Department. Topology of MoI intranet network is based on extended star in sense that all of police stations in one region (regular or BPS) are connected to regional regular Police department. Those Police departments are then connected to central location (CCC - Belgrade). Bandwidth available on these links is at least 2 Mbps. Cabling inside the BCP (from cameras to CCC-locally) must be realized in this project. Cabling between CCC-locally and CCC-Regional is out of the scope of this project. Cabling between CCC-Regional and CCC-Central is out of the scope of this project.
44.	18. In the tender's technical	RBPP Hungary: BCP Horgoš. BCP

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No	Question	Answer
	<p>specifications at chapter 2.3 at item R59 you request that all images should be displayed simultaneously in CCC from all 7 (seven) Regional Border Police Points (RBPP).</p> <p>In table no. 3 this location is not specified.</p> <p>Please specify the locations (town/city) where the RBPP are located.</p> <p>Please specify if any communication currently exists between the RBPP and the BCP (Border Control Point).</p> <p>If such communication exists, please specify its type: optic fiber, radio, etc.</p> <p>Please specify the available bandwidth that can be used by the fixed surveillance system, between the RBPP and the BCP.</p>	<p>Kelebija, BCP Bački Breg</p> <p>RBPP Romania: BCP Vatin, BCP Kaluđerovo, BCP Srpska Crnja, BCP Kusjak, BCP Đerdap</p> <p>RBPP Bulgaria: BCP Mokranje, BCP Gradina</p> <p>RBPP Croatia: BCP Batrovci, BCP Šidrumski, BCP Bogojevo, BCP Bačka Palanka</p> <p>RBPP Bosnia and Herzegovina: BCP Sremska Rača- drumski, BCP Mali Zvornik- novi most, BCP Trbušnica, BCP Badovinci</p> <p>RBPP Montenegro: BCP Jabuka, BCP Gostun, BCP Špiljani</p> <p>RBPP Macedonia: BCP Preševo.</p> <p>Topology of MoI intranet network is based on extended star in sense that all of police stations in one region (regular or BPS) are connected to regional regular Police department. Those Police departments are then connected to central location (CCC - Belgrade). Bandwidth available on these links is at least 2 Mbps.</p> <p>Cabling inside the BCP (from cameras to CCC-locally) must be realized in this project.</p> <p>Cabling between CCC-locally and CCC-Regional is out of the scope of this project.</p> <p>Cabling between CCC-Regional and CCC-Central is out of the scope of this project.</p> <p>Communication between CCC and any other location incorporated in this project exists and it is implemented, mostly using optic fibres.</p>
45.	<p>19. In the tender's technical specifications at chapter 2.3, item R62 you request that the cameras shall be wired to CCC and that the local network shall be built by the Supplier according with ANSI/TIA/EIA 568-B standard,</p>	<p>The cameras with PoE capabilities and switches will be installed only in the BCPs.</p>

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No	Question	Answer
	<p>with PoE capabilities for cameras and switches.</p> <p>There is no specification in the technical specifications for installing cameras with PoE capabilities for cameras and switches in the CCC. In the technical specifications all the requests for fixed surveillance systems are made only for the BCP. Please clarify this request.</p>	
46.	20. In order to configure the software necessary for the fixed surveillance system, please specify how many cameras are now installed and operational in each of the 22 BCP presented in table 3.	There are around 130 cameras installed in all 22 BCPs which should be integrated in the new system.
47.	In order to provide compatible software to the one already existing in your system, please specify what kind of software is used in every location presented in table 3.	<p>Existing video surveillance donated by the EU consists of BOSCH video camera model SNBN-498-11P (that supports ONVIF standard). Software which is being used is BOSCH factory software.</p> <p>MoI does not have licensed software such as Bosch Video management System. The version of Bosch client video software that MoI uses is freeware version that can be downloaded from the Internet and currently it is Bosch Video Client V1.3.</p>
48.	Please specify the number of licensed cameras in the existing software used in every location presented in table 3.	There are around 130 cameras installed in all 22 BCPs which should be integrated in the new system.
49.	Please specify a date on which a visit is possible in the site in order to visit certain locations. A visit is impetuous necessary in order to draft a coherent financial and technical offer, taking into account that the specific details of the locations can alter the meaning of the requirements included in the technical specifications. The bidder is required to take responsibility for the operability of the offered systems in the Beneficiary's locations, which implies automatically	In accordance with Article 14.1 of the Instructions to Tenderers: "No clarification meeting / site visit planned. Visits by individual prospective tenderers during the tender period cannot be organized."

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No	Question	Answer
	that the bidder is familiarized with the environment of the locations.	
50.	Is it possible to use a MCT detector, for the Thermal Cameras of the Mobile Surveillance Subsystem, instead of an InSb detector, in the condition of the same wave band, 3-5 μm ?	<p>All requirements are minimal and mandatory.</p> <p>The Bidder can offer any type of product which complies with the requirements imposed by the Technical Specifications.</p> <p>Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.</p>
51.	25. In chapter 2.3, item R67 you request that the UPS shall support surveillance subsystem operation for a period of one (1) hour and in chapter 4.8. item R357 you request an UPS who can maintain the system at least 5 minutes at 1900 Watts load. Can you please clarify this issue?	<p>For every FSS per BCP the UPS should support the following equipment:</p> <ul style="list-style-type: none"> - Server with storage; - Switch; - Indoor and Outdoor cameras through PoE. <p>The UPS capacity could vary from site to site depending of the power consumption.</p> <p>The Bidder can offer any type of UPS which complies with requirements from Technical Specifications.</p> <p>Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.</p>
52.	26. In the tender's technical specifications at item R14I, is written "/f shall require a category "B" driver's license to drive it" and the R150 states that the "Total maximal authorized weight: 5.300 kg". These two requirements are not corresponding, because for a driving license category "B", the maximum authorized weight is 3.500 kg. 1.1 Please state which shall be the authorized weight for the car, or authorized driving license category.	<p>These VAN Vehicles will be operated by MoI authorized personnel who should comply with the Serbian legislation regarding driver's license.</p> <p>There is a typo in [R150] from the Technical Specifications.</p> <p>It shall be read "Total maximal authorized weight: 3.500 kg" instead of "Total maximal authorized weight: 5.300 kg".</p>
53.	27. In the tender's technical specifications item R178 it is stated that	Yes.

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No	Question	Answer
	<p>"Лја additional two (2) sockets of 220V and 12V in the back side of the vehicle shall be installed". If we add this additional socket it is impossible to calculate the power balance for the battery.</p> <p>27.1 Please specify if you still want to have installed these 2 sockets in the back side of the vehicle.</p>	<p>All requirements are minimal and mandatory.</p> <p>The sockets of 220 V and 12 V will be used for connecting external equipment.</p> <p>Please don't consider these sockets to calculate the power balance for the battery.</p>
54.	<p>28. In the tender's technical specifications item R 238 it is stated that "The accumulator shall be Li-Ion technology or better/newest "Following our past experience, our point of view is that this new technology is not suitable for the mobile applications. 28.1 Please state if you accept also, other kind of battery, with a robust construction, special assigned / used for mobile applications</p>	<p>The Bidder should offer a configuration which to ensure system functionality. All requirements are minimal and mandatory.</p> <p>Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.</p>
55.	<p>In the tender's technical specifications item R 247 it is stated that "The software shall make possible the real time imaging of the pictures of the cameras according to the mode and configuration defined by the operator (separately or in the case of named fields of vision in a picture-fusion - picture in picture - format) ". 4.1 Please state if you accept the performing of this functionality on a digital video recorder.</p>	<p>Requirement in the Technical Specifications remain unchanged.</p> <p>Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.</p>
56.	<p>In the tender's technical specifications item R 248 it is stated that "// shall ensure the display of the side angle and location, angle data the coordinates, the direction data, and the measuring results provided by the laser meter related to the measure point from its own coordinates and also the calculation of the coordinates". Because usually, in our applications / projects, we are supporting the maps in MapInfo format, we need a few more details. Please specify who will deliver the requested map's data. Please specify what kind of data format</p>	<p>Data and format of the maps will be established by MoI and Contractor in the design phase (Standard vector and raster format of spatial data can be supported by MoI).</p>

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No	Question	Answer
	should be provided for the maps	
57.	<p>31. In the tender's technical specifications item R 254 it is stated that "It shall ensure the possibility of saving and exportability of the visual information marked with timestamps and with a possibility of checking authenticity, and if needed by the operator the saving on individual shots. A standard format saving shall be made possible as a minimum in the case of video in H.264, in the case of still-shots and screen savings in JPEG format". The expression "checking authenticity" it is not clear.</p> <p>31.1 Please provide more details regarding the customer's requests/needs, for the authenticity checking.</p>	<p>The export of imaging shall be over any doubt regarding authenticity in case of using it in other legal purposes.</p> <p>The Bidder shall propose the best solution to insure the request.</p>
58.	<p>32. In the tender's technical specifications item R 255 it is stated that "Without charging an extra fee the bidder takes the obligation of adapting the command software of the system to the Buyer's needs one time within the duration of the warranty time upon written requests of the Buyer (software updating), and also will take care of the upgrading of the map database applied during the warranty time as a minimum". I(one) free cost upgrading for the map database, understood correctly this statement/request, or the customer requests more than 1 (one) free cost upgrading for the command software and the map database.</p>	Yes, it is confirmed.
59.	<p>In the tender's technical specifications item R 257 it is stated that "Display possibility on a digital map based upon DTA-SO (1:50000 size) suitable for displaying reconnaissance information and also used by the Police". Because usually, in our applications / projects, we are supporting the maps in MapInfo format, we need a few more details.</p> <p>33.1 Please specify who will deliver the requested map's data.</p> <p>33.2 Please specify what kind of data</p>	<p>The digital maps and data will be provided by the care of beneficiary.</p> <p>Data and format of the maps will be established by MoI and Contractor in the design phase (Standard vector and raster format of spatial data can be supported by MoI).</p>

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No	Question	Answer
	format should be provided for the maps.	
60.	34. Are the CE/conformity declarations enough to prove that the ROHS and WEEE standards are applied are respected?	Certificate of conformity can be international/EU recognized certificate issued by the manufacturer.
61.	35. Is the partial reception mentioned at item R108 {from ANNEXII + 111: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER) similar with the provisional acceptance from the Draft Contract?	Yes, the partial reception (partial provisional acceptance) from the Technical Specifications is similar with provisional acceptance from the Draft Contract.
62.	36. Regarding item R73 from ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER, that states that "the Bidder shall provide a certificate of conformity, issued by a regulatory agency of recognized competence, for each equipment/ category of equipments from the system", can you please specify what exactly is requested? 36.1 Is the Declaration of Conformity issued by the producer enough to cover this request?	Certificate of conformity can be international/EU recognized certificate issued by the manufacturer.
63.	37. Item R32 from ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER states that the representatives of Mol will be invited at the first car installation. Does this issue refer to the car integration at the producer's location, or does it refer to the installation on the first site (at the beneficiary's location).	The request is referring to the car integration in the location proposed by the tenderer and accepted by the MoI. Location to be agreed after the signature of the contract with the Contractor.
64.	38. For some of the requested procedures and methodologies there is clearly mentioned that they need to be submitted with the proposal, but for some of them there is no express specification of when to be submitted. In consequence, those which don't have the express request to be submitted along with the tender documents have to be submitted after the tender is submitted? Please clarify.	The Bidder must prove compliance with all requirements from the Technical Specifications. All offers will be assessed in detail by the Evaluation Committee and it is important that the offers to be complete.
65.	n.a. How many sensors will be installed on top of existing pole? Which is the	The number of sensors and the altitude of the pole are in the Bidder

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No	Question	Answer
	mean altitude of the pole?	responsibilities. These should be determined after the system design phase.
66.	4. Could you give the details about software for the fixed systems? Is a software already available? What kind of compatibility is requested?	<p>Software for unified monitoring controlling and viewing does not yet exists as integrated solution, so main goal of this project when it comes to fixed surveillance subsystem is to accomplish integrated software solution for managing entire fixed surveillance subsystem. It is necessary to achieve local monitoring and storing of video materials from local BCP and to assure transition of video signal to a remote location such as CCC-Regional and CCC-Central.</p> <p>Existing video surveillance donated by the EU consists of BOSCH video camera model SNBN-498-11P (that supports ONVIF standard). Software which is being used is BOSCH factory software.</p> <p>MoI does not have licensed software such as Bosch Video management System. The version of Bosch client video software that MoI uses is freeware version that can be downloaded from the Internet and currently it is Bosch Video Client V1.3.</p>
67.	4.2. For outdoor cameras, are there any existing underground pipes, canalizations or conduits? 4.2 For outdoor cameras, is there any network cabling already in place?	<p>For outdoor and indoor cameras there is already some network cabling, but quality of those wiring needs to be tested and certified so that cabling would be good enough for transmitting video stream. Also there are some existing pipes, canalizations and shafts, but possibility of using this infrastructure is very questionable.</p> <p>Our recommendation is to take into consideration to design the LAN in every BCP location. In every BCP a separate LAN will be built.</p>
68.	4.1 For indoor cameras, are there any existing pipes, canalizations or shafts in	Please see the answer to question nr 67 above.

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No	Question	Answer
	the false ceiling or in the raised floor? 4.1 For indoor cameras, is there any network cabling already in place?	
69.	R7 What is the format of the digital maps provided by the beneficiary?	Format of the maps will be established by MoI and Contractor in the design phase (Standard vector and raster format of spatial data can be supported by MoI).
70.	n.a. Which procedure we expect to recover the VAT for local services and local goods?	VAT recovery procedures will be in line with the Framework Agreement signed between the European Commission and the Republic of Serbia. Serbia national authorities will be dealing with the tax and customs exemptions requests of the Contractor. Further details will be communicated to the awarded tenderer after the signature of the contract.
71.	R3 Is it possible have the exact positions (coordinates) about the fixed subsystems?	Please see Table 3 from Technical Specifications. Further information will be provided to the awarded tenderer.
72.	R6 Tender specifications list only the requested equipments. Services such as installation are not mentioned: are they requested?	Please see paragraph 2.8 Delivery conditions from the Technical Specification. Please also see Article 1.1 of the Instructions to Tenderers: "The subject of the contract shall be the supply, delivery, installation, commissioning, maintenance, and related training of beneficiary personnel of the following supplies"
73.	R7 What is the format of the digital maps provided by the beneficiary?	Format of the maps will be established by MoI and Contractor in the design phase (Standard vector and raster format of spatial data can be supported by MoI).
74.	R8 Which is the longest distance between the location to be controlled and the switch?	Average cable length between camera position and workstation on every BCP does not exceed standard regulations for network cabling and we could estimate it on 50 to 60 meters for outdoor cameras and around 30 meters for indoor cameras.
75.	R17 Will the provided PC have access to internet for automatic antivirus update?	Provided PC's will not have direct access to the internet, so update of the antivirus database will be done from the Update server of the MoI located in

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No	Question	Answer
		Belgrade for the fixed subsystem, and manually (for example from USB flash memory) for the mobile subsystem.
76.	R21 Are cables, patch cords, power cords, Ethernet cables, accessories and other physical modules requested only for server, workstation and switches or are cables to link the cameras requested too?	For all equipment supplied. Cables to link the cameras are requested too.
77.	R25 Is the software described used only for the project activities (till commissioning) or is it will be used to track events related to system use?	The software application is referred to registering and tracking events that are related to incidents on the delivered system and not about border incidents. The mentioned requirements are related with Integrated Logistic Support.
78.	R57 What is the existing MoI software application? Does this tender request the supply of software in addition to OS, Office and antivirus?	This tender requires the supply of software for MSS and FSS management in addition with the OS, Office and antivirus.
79.	R39 What is meant by relocation maximum time? The total needed time to be able to start?	The time needed to bundle all equipment and be ready to march to a new location.
80.	R41 Is the camera 360° not included in the BVS? What kind of link to the workstation is requested?	Camera 360° is for MSS physical security. The Bidder shall propose the most suitable configuration.
81.	R43 What is the maximum time the mobile system is performing surveillance activities in a day?	The maximum time for surveillance per day is 24 hours.
82.	R59 Are the BCP already connected to the RBBP? What kind of link is available? What kind of software is requested for the workstation for monitoring (in addition to OS, Office and antivirus)?	Topology of MoI intranet network is based on extended star in sense that all of police stations in one region (regular or BPS) are connected to regional regular Police department. Those Police departments are then connected to central location (CCC - Belgrade). Bandwidth available on these links is at least 2 Mbps. This tender requires the supply of software for MSS and FSS management in addition with the OS, Office and antivirus.
83.	R62 Considering that all cameras will be wired to CCC switches in PoE, should we assume that the power supply will be provided only by the PoE switch and, consequently, that the maximum	Power supply is available on locations (control rooms, racks) where the network, server and any other active equipment will be installed.

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No	Question	Answer
	distance between the camera and switch will be 90-100mt (UTP cable). n.a Is already available power supply for all equipment that will be installed in the fixed sites control room/racks (switches, workstation, server and monitors)?	
84.	R92 Tender specification lists only the requested equipment. Services such as installation are not mentioned: are they requested?	Please see paragraph 2.8 Delivery conditions from the Technical Specification. Please also see Article 1.1 of the Instructions to Tenderers: "The subject of the contract shall be the supply, delivery, installation, commissioning, maintenance, and related training of beneficiary personnel of the following supplies"
85.	BCP list Could you give us more information about BCP, their characteristics, their buildings and booths and their security requirements?	This information will be provided to the awarded tenderer after the signature of the contract.
86.	R 196 What kind and what number of graphics card are requested?	All requirements are minimal and mandatory. The Bidder should offer a configuration which to ensure system functionality and complying with requirement [R48] ("Maximum point to point latency in the video must be under 700 ms"). All offered products complying with the Technical Specifications will be accepted.
87.	R198 How much hard drive capacity is requested? Of what kind?	The Bidder could use any combination of the presented HDD types in order to ensure necessary storage capacity and system functionality. The Bidder should calculate the necessary capacity for HDD in order to store information (image, sound, data etc.) for 30 days (24 hours per day).
88.	R215 Is the third monitor normally off and used only in the case of failure of one of the other two?	Normal operation: <ul style="list-style-type: none"> • The first monitor is the main monitor; • The second monitor is used to display an image from a camera 360° and to display GIS map showing the angle cameras

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No	Question	Answer
		<p>watching;</p> <ul style="list-style-type: none"> The third monitor is used as an auxiliary monitor for the first monitor. <p>Emergency operation:</p> <ul style="list-style-type: none"> The third monitor will be used to replace first monitor or second monitor in case of emergency.
89.	R231 Is the camera 360° intended to be mounted as part of the BVS? Otherwise where is it intended to be mounted? What kind of interface to the workstation is foreseen?	<p>Camera 360° is for MSS physical security.</p> <p>The Bidder shall propose the most suitable configuration.</p>
90.	R259 Are installation services for cameras requested? What kind of services? Mounting, where to mount, connecting existing cables, put cables in place, etc?	<p>Please see paragraph 2.8 Delivery conditions from the Technical Specification.</p> <p>Details of installation shall be agreed after the contract signature.</p>
91.	R259 What about the power supply of the cameras? Is it available? At what distance? Could you give more information about this?	<p>For every indoor camera only PoE power supply is needed, however for every outdoor camera besides PoE power supply it is necessary to provide AC or DC power supply for camera case housing (heater, glass defrost etc.). The power supply is already available inside the BCPs and the distance is maximum 50 m.</p>
92.	<p>n.a. IF For the tender guarantee the following will apply:</p> <p>(a) at the Bidder's option, be in the form of either a certified chec, Letter of credit, or a bank guarantee form a banking institution, or a bond issued by a surety;</p> <p>(b) be issued by a reputable institution selected by the Bidder and located in any eligible country; if the institution issuing the security is located outside the Purchaser's Country,it shall have a correspondent financial institution located in the Purchaser's Country to make the security enforceable;</p> <p>DO YOU MENA A SERBIAN BANK/INSTITUTE LOCATED IN BEOGRAD ISSUING THE</p>	<p>There is no requirement regarding the location of the financial institution issuing the tender guarantee.</p> <p>A guarantee is a form of financial security making a third party irrevocably liable to pay a sum of up to the limit of the guarantee at the first request by the Contracting Authority. The Contracting Authority will analyse in detail the financial guarantee submitted by the awarded tenderer. It may refuse any guarantee considered unsatisfactory to fulfil its role.</p>

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No	Question	Answer
	SECURITY INB NAME AND FOR A BANK INSTITUTE FROM EU?	
93.	n.a. As stated in Article 11 'Performance Guarantee' point 11.3 of ANNEX I: GENERAL CONDITIONS If the performance guarantee is to be provided in the form of a bank guarantee, a banker's draft, a certified cheque of bond, it shall be issued by a bank or bonding and/or insurance company approved by the Contracting Authority. It is possible to have the list of Bank and Bonding Insurance Company approved by 'Contracting Authority' resulting as The Delegation of the European Union to the Republic of Serbia valid both for TENDER GUARANTEE and PERFORMANCE GUARANTEE?	There is no list containing financial institutions approved by the Contracting Authority. A guarantee is a form of financial security making a third party irrevocably liable to pay a sum of up to the limit of the guarantee at the first request by the Contracting Authority. The Contracting Authority will analyse in detail the financial guarantee submitted by the awarded tenderer. It may refuse any guarantee considered unsatisfactory to fulfil its role.
94.	n.a LAW GOVERNING TENDER AND CONTRACT: Do you confirm that the Law which applies to the Tender and the contract is EU law, complemented, where necessary, by Belgian Law as stated in tender Guarantee form.	Yes, it is confirmed in line with Article 41 of the General Conditions.
95.	R228Could you clarify what you mean by position deviation? Are you asking for an accuracy of 1(one) meter? How can that be applied to the compass whose output is in degrees?	There is a typo in [R228] from the Technical Specifications. It shall be read "1 degree" instead of "1 m".
96.	R259-R283 Is it mandatory that indoor and outdoor camera have dome form factor?	All requirements are minimal and mandatory. Offered solutions will be assessed in detail by the Evaluation Committee. All offered products complying with the Technical Specifications will be accepted.
97.	INSTRUCTIONS TO TENDERERS 12. Taxes and other charges The applicable tax and customs arrangements are the following: The European Commission and the Republic of Serbia have agreed in the Framework Agreement signed on 29/11/2007 to fully exonerate the following taxes: customs duties, import	As clearly mentioned in the Framework Agreement concluded by the European Commission and the Republic of Serbia on 29/11/2007 all EU funded projects (performed directly by the contractor or by a sub-contractor) are fully exempted from VAT. It is the responsibility of the Contractor or sub-contractor to comply in due time

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No	Question	Answer
	<p>duties, taxes or fiscal charges in connection with import, value added tax, documentary stamp or registration duties or fiscal charges having an equivalent effect.</p> <p>SPECIAL CONDITIONS</p> <p>Article 16 Tax and customs arrangements</p> <p>The European Commission and the Republic of Serbia have agreed in the Framework Agreement signed on 29/11/2007 to fully exonerate the following taxes: customs duties, import duties, taxes or fiscal charges in connection with import, value added tax, documentary stamp or registration duties or fiscal charges having an equivalent effect.</p> <p>According to the aforementioned articles it is concluded that the contractor is fully exempted from taxes (VAT, import, etc.) imposed by the government of Serbia.</p> <p>In case the contractor wishes to cooperate with a Serbian subcontracting company for the procurement of materials and services, in their invoices should they add to their net prices 20% VAT?</p> <p>Considering the aforementioned tax exemption, is it possible to purchase the services and materials from these companies without paying the VAT? In case this is not feasible and the contractor has to pay the VAT to these companies, is there any procedure that could be followed in order to have repayment of duties from the European Commission or from the Republic of Serbia</p>	<p>with the legislation in force to get VAT exempted.</p>
98.	<p>SPECIAL CONDITIONS Article 22 Variations</p> <p>The Contracting Authority reserves the right to vary the quantities specified for items by +/- 100 % at the time of contracting and during the validity of</p>	<p>Please note that the unit prices used in the tender shall be applicable to the quantities procured under the variation. The given limits are maximum limits, and any variation shall be within both</p>

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No	Question	Answer
	<p>the contract. The total value of the supplies may not rise or fall as a result of the variation of the quantities by more than 25 % of the tender price. The unit prices quoted in the tender will be multiplied by the revised quantities procured under the variation.</p> <p>It is mentioned that the Contracting Authority reserves the right to increase the quantities of the items by 100 % but the total value of the supplies may not surpass the 25% of the tender value.</p> <p>Given that the main cost factor of the offer is the items, it seems incompatible that the items can be increased up to 100% whereas the increase of our offer cannot exceed the 25%. Please clarify.</p>	<p>limits.</p>
99.	<p>SPECIAL CONDITIONS Article 25</p> <p>Inspection and testing</p> <p>Contractor shall perform work for the electrical installation, connection and grounding of all electrical equipment, installations, fittings, socket, to the level necessary for a fully operational installation of supply</p> <p>What kinds of infrastructures are available for cameras' installation?</p> <p>Where should outdoor cameras be mounted? On existing masts and buildings? or new masts should be provided? If so, define the number of masts and their height. What is the average distance between an outdoor camera and the power supply point?</p>	<p>There is no infrastructure for cameras installation.</p> <p>Camera installation on BCPs is part of Bidders obligations. It is recommended to install cameras on existing poles where possible or on BCPs buildings. The Bidder shall propose the most suitable solution about cabling for cameras.</p> <p>Average cable length between camera position and workstation on every BCP does not exceed standard regulations for network cabling and it could be estimated on 50 to 60 meters for outdoor cameras and around 30 meters for indoor cameras.</p> <p>Not all indoor cameras are in the same building with CCC. Most cameras will be installed in buildings which are different of CCC and the maximum distance is 50-60 meters.</p> <p>The Bidder shall design and install the entire infrastructure for indoor and outdoor cameras.</p> <p>For every indoor camera only PoE power supply is needed, however for every outdoor camera besides PoE</p>

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No	Question	Answer
		power supply it is necessary to provide AC or DC power supply for camera case housing (heater, glass defrost etc.). The power supply is already available inside the BCPs and the distance is maximum 50 m.
100.	1. Network Switch - Technical characteristics best matches Cisco WS-C2960S-24PS-L, but this switch does not have European origin. There is no any similar switch with European origin. Can we use this switch with non EU origin for official offer?	Tenderers shall follow the instructions given in Article 4.1 of the Instructions to Tenderers in this regard. Please note that for some items derogation to the rule of origin was issued for this procurement procedure. Please see the corrigendum published on the relevant EuropeAid website and in the Official Journal of the European Union.
101.	2. Monitors – There are no monitors (all types - 19", 22", 42''), which are part of server and workstations configurations, with European origin. Can we use monitors with non EU origin for official offer?	Tenderers shall follow the instructions given in Article 4.1 of the Instructions to Tenderers in this regard. Please note that for some items derogation to the rule of origin was issued for this procurement procedure. Please see the corrigendum published on the relevant EuropeAid website and in the Official Journal of the European Union.
102.	3. Specified rack (19'' wall mounted) can not accommodate all indoor equipment as requested in [R68] of technical specification, due to dimensions and weight of server and UPS. Can you give to use more clarifications for that item please?	Offers that contain floor standing rack will be accepted, because of the weight of equipment that needs to be accommodated inside the rack.