



EUROPEAN UNION

Delegation of the European Union to Bosnia and Herzegovina

Clarification No. 1

Project Title: Procurement and installation of 3 (three) integrated security systems and network communications hub in IDDEEA regional centres at Mostar, Bihac and Bijeljina", Bosnia and Herzegovina

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Tender No: EC/BiH/TEN/12/009

Question 1: Point 1.1 – Please specify the type of cameras you are looking for (Dome, Box, Bullet – Indoor or Outdoor).

Answer 1: The type of cameras that are specified under item 1.1 must be appropriate to be mounted on an outdoor wall.

Question 2: Point 1.2 – Please specify the type of cameras you are looking for (Dome, Box, Bullet – Indoor or Outdoor).

Answer 2: The type of cameras that are specified under item 1.2 must be appropriate to be mounted on an indoor wall.

Question 3: If box camera indoor or outdoor, specify the type of housing (heater and blower integrated, defroster) and brackets (ceiling, wall, pole).

Answer 3: Please see answers 1. and 2.

Question 4: Point 1.1 – 1.2 – 1.3 – 1.4 – Please specify distances per sites between cameras and DVR (or general estimation).

Answer 4: Minimal technical requirements for distance per sites between cameras and DVR are listed under item 1.20 and it is written in Annex II+III, "For Item 1.1. and 1.2 future implementator must deliver minimum 50 meter of video cable per one camera (video cable RG59 B/U and power supply 3x0,75 or equivalent)".

Question 5: Point 1.7 – 1.8 – 1.9 – 1.10 – Please confirm that no sounder / beacon is foreseen. Please confirm cable type (fire resistant grade?). Please provide information on cable layout (by the mean of cable trays, flexible pipe, if yes should it be fire resistant?...). Please provide loop length per sites (or general estimation).

Answer 5: No sounder / beacon are foreseen.
Appropriate cabling is to be proposed in the offer.
Loop length per site is cca. 150 meters

Question 6: Point 1.7 – you request to have a fire alarm panel with one extinguishing zone. Professional alarm panel manufacturers such as Edwards, Kentec, Cooper, LST, Xtralis, GE.... make the differences between fire alarm panels and fire extinguishing panels which have different purposes. In addition your technical specifications do not show any reason

to have an “extinguishing zone” as no suppression systems is included. Therefore we kindly ask you to remove this specification from this item.

Answer 6: In light of future upgrades the minimal technical requirements remain unchanged.

Question 7: Point 1.21 – Please provide further information on this item as we are not familiar with this type of local regulation. “In accordance with the law in Bosnia and Herzegovina for installation of fire control system it is mandatory to have a project for implementation of the system signed by licensed Authorized expert for projects fire control”.

What do you mean by “project for implementation” Is that a design which includes cable layout and cable schedule? If yes, we need the ACAD drawings per site.
What do you mean by “signed by licensed Authorized expert for projects fire control”? Is this expert an independent one under the BIH Government responsibility that we submit the design for approval? If yes what is his local cost for such approval?
Or do you mean that the bidder should be authorized by the manufacturer of the fire alarm panel to install its products and you need copy of the certificate and therefore the bidder is authorized to sign its design?

Answer 7: Relevant laws and regulations are available through the following links:

Federation of BiH:

1. Law on Construction (Zakon o građenju FBiH):

http://www.fbihvlada.gov.ba/bosanski/zakoni/2002/zakoni/56_bos.htm

2. Regulation on type, content and maintenance, control and validation of technical documentation (Government of FBiH) (Uredba o vrsti, sadržaju i čuvanju, kontroli i nostrifikaciji investiciono-tehničke dokumentacije, Vlada FBiH):

<http://www.fbihvlada.gov.ba/bosanski/zakoni/2010/uredbe/12.html>

Republika Srpska:

Law on fire protection:

<http://bs.scribd.com/doc/70494519/zakon-o-zastiti-od-pozara>

Remark: Please note that there are no fixed rates for the authorised experts.

Question 8: Item 1.12 "VoIP Router with PBX": In order to do proper sizing and licensing configuration, please advise expected number of users of IP PBX.

Answer 8: The expected number of users of IP PBX is cca 100.