



EUROPEAN UNION

DELEGATION TO BOSNIA AND HERZEGOVINA

Clarification No. 3

Project Title: Supply of ICT Equipment for IDDEEA and Judicial Institutions in BiH

Publication reference: EuropeAid/128496/C/SUP/BA

Tender No: EC/BiH/09/034

Question 1: Lot 1:

Please confirm that:

- 1) All civil works are done.
BS and CPE sites are ready to mounting of WiMAX equipment:
 - masts and shelter are installed;
 - lightning rod, cable tray between mast and internal shelter are exist;
 - grounding of cable rods, masts, cable tray and shelter according to local rules are done;
 - shelter and mast has a grounding bolt (D 8 mm)
 - Shelter has main power supply -48VDC
- 2) No cables are in BoM
- 3) Length of BS cables (coax) is less then 60 m
- 4) Length of CPE cables (FTP) is less then 70 m
- 5) Each BS has 4 sectors
- 6) Each sector has 1 ODU
- 7) Bidder is not responsible for getting any permissions, licenses and design documentation according to local rules
- 8) Bidder will supply customer with MIB files for integration of WiMAX system to existing NMS of customer and setting of NMS parameters in BS. Setting of customer NMS is duty of customer and is not included.

Answer 1: For Lot 1, questions are not relevant.

Lot 2

Question 2: As specified in Annex II+ III + technical specifications + Technical offer in the Table under **ID No.:2.6** and 10.1 under Interfaces You required parallel ports on laptops. New technologies of laptops don't offer parallel ports on the motherboard.

Please, can You change or customize Your specifications for 2.6 and 10.1?

Answer 2: Please see Clarification No. 2 – Answer 17

Lot 3

Question 3: Items 3.14 and 3.15: would it be possible to offer servers supporting DDR3 memory as it has superior characteristics compared to DDR2 memory?

Answer 3: Yes.

Question 4: Item 3.10: Router model Ii specifications include a two USB 1.1 ports. Would you accept a router with the same specifications but with one usb port coupled with an enterprise-grade USB port splitter?

Answer 4: No.

Lot 5

Question 5: You require that supplies must originate In a Member State of the European Community or a country covered by the IPA programme with the exception of Lot 13 and Lot 15 only. Some of the supplies (As specified In Annex II + III + technical specifications + Technical offer in the Table under ID No.: **5.8 Document management Scanner**, 10.4 Network printer, 10.5 Cartridge, 10.6 Digital camera, 12.1 UPS 400VA/240 W, 12.8 Individual monochrome Laser printer and 12.9 Network monochrome Laser printer) don't fulfill the condition. Most of mentioned products are originated from the Far East Countries.

Please, can You release mentioned products from requests that they must originate from a Member state of the European Community or a country covered by the IPA programme?

Answer 5: Please see Clarification No. 2 – Answer 145.

Lot 9

Question 6: Could you specify information about hardware and software in control centre (client computers, redundant servers).

Answer 6: Please see Clarification No. 2 – Answer 105.

Question 7: The programming language mentioned in point 9.3 is STEP 7. This language is SIEMENS manufacturer's language and another PLC manufacturers cannot provide this language. Can you consider our offer as valid if we specify another PLC with certain language that can provide all functionalities required in this tender? In the same point the communication module for TCP/IP is mentioned. Is it possible to offer this module as integral part of PLC unit?

Answer 7: Please see Clarification No. 2 – Answer 106.

Question 8: In point 9.5 the GPRS modem is specified as well as additional communication module with RS232 and RJ45 interfaces. Is it possible to avoid this module as external unit if we can provide all functionalities with offered GPRS modem and PLC device?

Answer 8: Please see Clarification No. 2 – Answer 107.

Question 9: This tender specify 6 pieces of GPRS modems for 6 remote sites. What kind of connection from control centre to GPRS network is required? As we also know, supervision of remote sites with GPRS network requires static IP addresses provided by certain telecommunication provider (or user defined virtual static addresses). Who is responsible for providing static IP addresses?

Answer 9: Please see Clarification No. 2 – Answer 108.

Question 10: Can you explain more detail about what specifically works in item 9.12? Is it necessary to connect PLC's on the devices that are in the field, and create process logic for the acquisition, processing and sending data to the application of the control center, or to only install PLC's cabinet requested in item 9.2? On the other hand, whether it is necessary to create process logic, process screens, configure OPC Server, alarms, trends and reports within the application or the control center for just about installing software on the PC. In this regard, documentation and level of training required is significantly different.

Answer 10: Please see Clarification No. 2 – Answer 109.

Question 11: Please, confirm that you request license for 8192 runtime tags.

Answer 11: Please see Clarification No. 2 – Answer 110.

Question 12: Also regarding license for GPRS OPC, confirm that license which you request is license for 64 stations, which can be upgraded to license for 256 stations.

Answer 12: Please see Clarification No. 2 – Answer 111.

Question 13: HMI license: Do you request license for redundant server and license for X clients (please write how many clients) separate or you need just one license for stand alone application.

Answer 13: Please see Clarification No. 2 – Answer 112.

Lot 10

Question 14: As specified in Annex II+ III + technical specifications + Technical offer in the Table under ID No.:2.6 **and 10.1** under Interfaces You required parallel ports on laptops. New technologies of laptops don't offer parallel ports on the motherboard.

Please, can you change or customize your specifications for 2.6 and 10.1?

Answer 14: Please see Clarification No. 2 – Answer 17.

Question 15: You require that supplies must originate In a Member State of the European Community or a country covered by the IPA programme with the exception of Lot 13 and Lot 15 only. Some of the supplies (As specified In Annex II + III + technical specifications + Technical offer in the Table under ID No.: 5.8 Document management Scanner, **10.4 Network printer, 10.5 Cartridge, 10.6 Digital camera**, 12.1 UPS 400VA/240 W, 12.8 Individual monochrome Laser printer and 12.9 Network monochrome Laser printer) don't fulfill the condition. Most of mentioned products are originated from the Far East Countries.

Please, can You release mentioned products from requests that they must originate from a Member state of the European Community or a country covered by the IPA programme?

Answer 15: Please see Clarification No. 2 – Answer 145.

Lot 11

Question 16: Item 11.1 Wireless Access Points

a) Quantity is 10, wireless interface card says quantity 2. Does that mean 2 per access point, so total would be 20?

b) Antenna cable. What length of cable is required?

Answer 16: a) Yes.

b) One meter.

Lot 12

Question 17: Item 12.5: Request is: "Minimum Total of Disk bays: 12 x 2.5" hot-swap". Would it be possible to offer solution with 3,5" hot swap drives? Size of drives does not have any effect on total RU size or effective performance or functionality of the offered server.

Answer 17: No.

Question 18: Items 12.4 & 12.5: According to our research, there are only a few manufacturers that produce RAID controllers with support for RAID 1E on older controller cards, and without support for RAID 1E on new controller cards. Will it be acceptable to offer RAID controller with superior raid level such as RAID 50 or RAID 60 instead of RAID 1E?

Answer 18: No, the controller with RAID 1E is required.

Question 19: Item 12.1: you specified in technical specification, and in clarification No 1 Final in Answer 74 that you want to have toolless mainboard replacement option. In case of motherboard failure, usual recommended and/or mandatory service procedure is to perform mainboard replacement in service environment and by authorized service technician. Customer shouldn't change mainboard by himself in any case and condition. On the other hand, any action regarding motherboard removing from the housing during

warranty period will cause loss of standard warranty. Also this feature is advertising just from one vendor and narrows the selection to a single manufacturer. Therefore, can You please confirm that You will not consider possibility to change motherboard without using tools as a mandatory technical condition.

Answer 19: The toolless motherboard replacement option is mandatory condition. The losing of warranty due to mainboard replacement is the responsibility of the beneficiary.

Question 20: Item 12.6: one of requests for Server Type III was that they must be Rack mountable / max 4U with minimum 8 CPU slots. There is no servers with 4U which have 8 CPU slots, only servers with 4 CPU slots. It is not possible to put 8 processors In server with 4U.

Answer 20: Please, can you change or customize your specifications for 12.6?
Please see Clarification No. 2 – Answer 126.

Question 21: Item 12.6: one of requests for Server Type III was that RAM installed/max; 64 GB DDR3 ECC/256 via 32 DIMM slots. If we offer Server with DDR2 memory which satisfied all required specifications, would it be acceptable?

Answer 21: Yes, DDR2 RAM for server type III is fully acceptable.

Question 22: As specified in Annex II+ III + technical specifications + Technical offer In the Table under ID No.:12.6 one of requests for Server Type III was that *Expansion slots minimum: 7xPCI-express x8*. If we offer Server with 7xPCI-express x8 in total, would it be acceptable?

Answer 22: Please see Clarification No. 2 – Answer 127.

Question 23: You require that supplies must originate In a Member State of the European Community or a country covered by the IPA programme with the exception of Lot 13 and Lot 15 only. Some of the supplies (As specified In Annex II + III + technical specifications + Technical offer in the Table under ID No.: 5.8 Document management Scanner, 10.4 Network printer, 10.5 Cartridge, 10.6 Digital camera, **12.1 UPS 400VA/240 W, 12.8 Individual monochrome Laser printer and 12.9 Network monochrome Laser printer**) don't fulfill the condition. Most of mentioned products are originated from the Far East Countries.

Please, can you release mentioned products from requests that they must originate from a Member state of the European Community or a country covered by the IPA programme?

Answer 23: Please see Clarification No. 2 – Answer 145.

Question 24: Item 12.4: would it be possible to offer servers supporting DDR3 memory as it has superior characteristics compared to DDR2 memory?

Answer 24: Yes.

Lot 13

Question 25: Regarding our recent market research we would like you to clarify some points mentioned below: Lot 13 –Scanners Question for item 13.1

Instead of pointing out one brand, to increase the competition and not to exceed budget of the project we would like the features to be changed as follows:

- USB 2.0 is enough for a scanner to connect other devices so we would like you to remove SCSI interface from the specifications.
- Decrease the duty as 5000 scans/day
- Decrease the capacity of feeder as 100 pages
- Swivel ADF has no advantage since high capacity of the scanner since it is going to be used at main points.
- Since the stated features are characteristics of a brand we would like you to remove features "Automatic color detection, content-based rotation, intelligent blank page deletion, background saturation, advanced clarity, selectable background, onboard JPEG compression"

from the specifications.

Answer 25: This proposal is not acceptable. Please refer to the technical specification and the corrigendum.

Question 26: Item 13.2: As you see the enclosed references according to scientific literature CCD has higher technology than CIS has. In order to increase the competition we would like you to add CCD to the technical specifications as you stated in the technical specifications of item 13.1

Answer 26: The CCD sensors are acceptable.

Lot 16

Question 27: Item 16.1: Is it correctly to assume, that what is described as "online insertion and removal" is equivalent to hot swapping?

Answer 27: Yes.

Question 28: Is it correctly to assume, that the provision of a total of 6 or more Ethernet interfaces of which at least 2 at Gigabit speed is equivalent or better than the requirement of "2 fixed and one switch card with 4 x 10/100" as long as the proper number of free slots remains available?

Answer 28: No it is not acceptable. The switch card with 4 x 10/100 is required.

Question 29: Item 16.2: Is it correctly to assume, that the supply of the router together with an injector represents a satisfactory solution to the requirement for "PoE support"?

Answer 29: Yes. The router together with an injector represents a satisfactory solution to the requirement for "PoE support".

Lot 17

Question 30: Please confirm that:

- 1) All civil works are done. BS and CPE sites are ready to mounting of WiMAX equipment:
 - masts and shelter are installed;
 - lightning rod, cable tray between mast and internal shelter are exist;
 - grounding of cable rods, masts, cable tray and shelter according to local rules are done;
 - shelter and mast has a grounding bolt (D 8 mm)
 - Shelter has main power supply -48VDC
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- 5) Each BS has 4 sectors
- 6) Each sector has 1 ODU
- 7) Bidder is not responsible for getting any permissions, licenses and design documentation according to local rules
- 8) Bidder will supply customer with MIB files for integration of WiMAX system to existing NMS of customer and setting of NMS parameters in BS. Setting of customer NMS is duty of customer and is not included.

Answer 30: In the technical specification it is stated: Contractor must also perform the following works and include the following material/works in the offer:

1. All necessary cables, connectors, mounting and grounding equipment. It is understood that the station infrastructure is prepared in all locations prior to installation (Primary power supply, positions for housing of devices and equipment, grounding, etc.).
2. All necessary cables, connectors, mounting and grounding equipment.

3. Length of cables depends on the site location. Information on the length of cable for each site location could have been collected by the bidders on the site survey organized as part of the tendering procedure.
4. Length of cables depends on the site location. Information on the length of cable for each site location could have been collected by the bidders on the site survey organized as part of the tendering procedure.
5. The number of sectors per Base Station is specified in the technical specification.
6. The number of ODU per sector is specified in the technical specification.
7. Bidder is not responsible for getting site permissions and frequency licences.
As it is stated in the technical specification: Contractor must also perform the following works and include the following material/works in the offer:
 - a. Installation, measurement, putting into operation and integration into existing network;
 - b. Measurement on the system (end-to-end) in accordance with the recommendations ITU-T and ITU-R;
 - c. Provide Technical Documentation (Operating and Technical Manuals) including technical schemes and drawings.
8. Offered equipment should be integrated in existing network management system.

All lots

Question: On some of Certificate of Origin in field No. 6 of the COO (*item no, marks, nos, number and kind of packages, description of goods*) there is specified products „as per attached invoice" with Invoice's date and Number.

Is it necessary to provide you original Invoice that was mentioned *on* Certificate of Original if it is issued on the above mentioned way?

Answer: Please see Clarification No. 2 – Answer 93.