

EuropeAid/116247/D/S/TR
Implementation of the Birds and Habitat Directives

CLARIFICATION TO TENDER NO. I

Question 1 - In 'Bands' parts of Technical Specifications Table for Lot 1.3. (page 74), the described specifications explicitly address a specific satellite imagery source which is called 'Quickbird' having images with 0.65 m resolution collected at nadir point (90degrees), and 0.75 m resolution collected at 25 degrees off nadir point. By addressing only one source, this definition causes unfair competition due to the fact that are two other satellites apart from Quickbird which can supply imagery with equivalent characteristics. As an example, IKONOS satellite acquires images with 0.82 m resolution at nadir point and 1 m resolution up to 30 degrees off nadir point. Following table outlines the specifications requested by contracting authority and currently available products in the market for your reference. Since the targeted final map scale is defined as 1/25.000, in common practice, a difference of 0.17 m or 0.25m on the ground is negligible due to the reason that the objects at these sizes on the ground are not considered at this scale of environmental applications. In general international examples of such projects, the technical specifications generally use the term '*1m or better resolution*' in order to support fair competition for all applicable products.

Panchromatic Band (PAN)								
	Specification		IKONOS		QuickBird		Orbview	
Collection Angle:	Nadir	25° Off-Nadir	Nadir	30° Off-Nadir	Nadir	25° Off-Nadir	Nadir	25° Off-Nadir
Resolution:	0.65 m	0.75 m	0.82 m	1 m	0.65 m	0.75 m	1m	1.3 m
Multi-spectral Bands (R,G,B,NIR)								
	Specification		IKONOS		QuickBird		Orbview	
Collection Angle	Nadir	25° Off-Nadir	Nadir	30° Off-Nadir	Nadir	25° Off-Nadir	Nadir	25° Off-Nadir
Resolution	2.44	2.88	3.2 m	4.0 m	2.44 m	2.88 m	4m	>4m

Answer 1: Please refer to Corrigendum No. II, Item 1.3 High Resolution Images.

Question 2 - In addition, explicitly addressed Quick Bird satellite has launched in October 2001 and the first image from the satellite has acquired on January 19, 2002. In other words at the required acquisition time of images from this satellite which is defined as May 2000 (\pm 1Month), the satellite addressed in the tender dossier is not operational yet, so there are no images collected during these dates. In this line, Acquisition Time' item might need to be changed, such as "*Acquired within 2002 or later*".

Answer 2: Please refer to answer 1.

Question 3 - We would like to point out a possible lack of adequate *archive imagery* from any potential supplier for the listed coverage areas. This might cause a need for new image acquisitions in some part of the required areas. Due to weather conditions and satellite imaging dynamics the pre-specified delivery time of 180 days might need reevaluation for a possible extension.

Answer 3: Please refer to answer 1.

Question 4 - Unlike LANDSAT imagery whose technical specifications are defined in Lot 1.1 and Lot 1.2, Quickbird, IKONOS and Orbview3 satellites, do not collect images in a scene concept. They may acquire continuous imagery strips at desired length rather than consecutive scene by scene acquisitions. For example IKONOS can collect a continuous image strips reaching to 1000 km of length with a minimum of 11km width. For this purpose, the scene terminology used in the 'Quantity' is not favorable to beneficiary, since it may increase the area size and the price by adding unnecessary areas in the price calculation. We suggest that the technical specifications should define the required coverage area in '*square kilometers*', so that only the price for necessary areas will be calculated.

Answer 4: Please refer to answer 1. Tenderers shall present their price calculation based on the total coverage area.

Question 5 - 1.1. Item: Topographic raster maps for georeferencing Will these maps supplied to organization by tenderer or will be supplied by organization to tenderer for orthorectification?

Answer 5: Topographic raster maps for georeferencing shall be provided by the tenderer and delivered to the address of the beneficiary after the completion of the image processing at defined form. If any permission is required it shall be provided by the beneficiary.

Question 6 - 1.1. Item: DEM (Digital Elevation Module) for orthocorrection; supply of 1:25 000 scale digital maps Will these maps supplied to organization by tenderer or will be supplied by organization to tenderer for orthorectification?

Answer 6: DEM maps for georeferencing shall be provided by the tenderer and delivered to the address of the beneficiary after the completion of the image processing at defined form. If any permission is required it shall be provided by the beneficiary.

Question 7 - 1.1. Item: Landsat 7ETM &TM coverage. In case of absence of Landsat 7ETM or TM images, will it be possible to supply closest date or image having higher cloud content?

Answer 7: No. Please refer to Annex II-Part 1- Technical Specifications, 1.1 Landsat 7+ETM Satellite Images “Cloud Ratio”

Question 8 - 1.3 Item: High resolution satellite images- Coverage Will coordinates of requested locations or shape files supplied before tender? It is not possible to calculate coverage of existing scenes without knowing coordinates of Area of Interests.

Answer 8: Please refer to answer 1.

Question 9 - 1.3 Item: Acquisition time of very High Resolution Satellite Imageries Only few of the satellite imageries in the world and are capable to satisfy specs but these satellites do not have these areas imageries in specified acquisition time. Especially one of major satellite which satisfies technical specs of very high satellite images, is launched on 2002 therefore it is not possible to supply imagery from year 2000. On the other hand, the AOIs are mainly out of main interest areas therefore it is very little chance to find available imageries in present archives. Those areas may need to programming for new acquisition. VHR (Very High Resolution) Satellites does not like Landsat series satellites, there is no continuous acquisitions all over world. The acquisition date/year have to be change if there is no available data over Area of Interests (a rough survey done and very few possible images found but not in specified month and year) and that can be clear out after supplying of coordinates of the areas.

Answer 9: Please refer to answer 1.

Question 10 - Item: GIS Software

6.1 Number of licenses & users:

6.1& 6.3 Please clarify; number of network license & Users, number of single license & Users

Answer 10: For item 6.1 number of licenses and users shall be 51. For items 6.1 and 6.3 number of network license shall be 5. Each network license shall have the ability to connect 20 users.

Question 11 - 6.2 RS Software: Please clarify mean of radiometric correction; that is to calculate radiances/reflectance and/or eliminate atmospheric effects

Answer 11: No additional feature is needed.

Question 12 - 6.2 &6.3 Q: Please clarify; number of network license & Users, number of single license & Users

Answer 12: Number of network license shall be 5. Each network license shall have the ability to connect 2 image processing users. Number of single license for image processing shall be 8.

Question 13 - 6.4 GPS Software. Quantity of GPS software is indicated as 51 which is equal to quantity of GIS software. That indicates that it will be used with GIS software but "real time GPS link" is requested for RS software. Please clarify, is "real time GPS link" for RS software or GIS software? GPS software is generally part of GPS instrument and its bundled to it. Therefore only tenderers selling GPS instruments in LOT3 may supply appropriate GPS software depending upon hardware.

Answer 13: GPS instruments are bundled with the GPS software together. However, they have limited abilities and just transferring the point features. Beneficiary is asking for another software and/or module of the GPS data transferring software which has the ability to export and import the data from/to GPS, in specified file format including features of points, lines, areas etc.

Question 14 - Annex-2: Part-1- Technical Specifications, 1.1 Landsat 7 ETM + Satellite Images (pp. 71-72 / 275): Please verify if CFCU would like to get 54 scenes of Landsat 7 ETM acquired during May 2000 (± 1 month) and additional 54 scenes of Landsat 7 ETM acquired during September – October 2000 (± 1 month) rather than more recent acquisitions.

Answer 14: Yes, there shall be at least 4 months of period between the first set and the second set.

Question 15 - Annex-2: Part-1- Technical Specifications, 1.2 Landsat 5 TM + Satellite Images (pp. 72-73 / 275): Please verify if CFCU would like to get 54 scenes of Landsat 5 TM acquired during May 2000 (± 1 month) rather than more recent acquisitions.

Answer 15: No Beneficiary would like to get 54 scenes of Landsat 5 TM acquired during May 1990 (± 1 month)

Question 16 - We have currently completed our checks on the Landsat requirements; however the general findings indicate that the requested windows are not enough to allow a full coverage. Therefore we would like to know if an extension of the acquisition window is acceptable, or an increase in cloud coverage percentage (i.e. 0 to 10%) for imagery acquired in the same periods

Answer 16: No extension of the acquisition.

Question 17 - Annex-2: Part-1- Technical Specifications, 1.1 Landsat 7 ETM + Satellite Images (pp. 71-72 / 275) & 1.2 Landsat 5 TM + Satellite Images (pp. 72-73 / 275): CFCU asks the use and delivery of 1/100000 national topographic map series (400 sheets). These maps are provided to government agencies by General Command of Mapping (GCM). Please clarify if i) the bidder will get them through CFCU and pay ii) CFCU will provide them. Please indicate the official costs of these maps in either case.

Answer 17: Please refer to answer 5.

Question 18 - Annex-2: Part-1- Technical Specifications, 1.1 Landsat 7 ETM + Satellite Images (pp. 71-72 / 275) & 1.2 Landsat 5 TM + Satellite Images (pp. 72-73 / 275): CFCU asks the use and delivery of DEMs derived from 1/125000 national topographic map series (about 5200 vector sheets). These sheets are provided to government agencies by GCM. Please clarify if i) the bidder will get them through CFCU and pay ii) CFCU will provide them. Please indicate the official costs of these sheets to the bidder in either case.

Answer 18: Please refer to answer 6 and note that DEMs derived from 1/25.000.

Question 19 - Annex-2: Part-1- Technical Specifications, 1.1 Landsat 7 ETM + Satellite Images (pp. 71-72 / 275) & 1.2 Landsat 5 TM + Satellite Images (pp. 72-73 / 275): It is stated that DEMs will be derived from 1/25000 vector maps. It is also stated that the accuracy of DEM maps as 100 m grid with horizontal accuracy of maximum 50 m or higher resolution with 90% confidence and with vertical accuracy of maximum 30 m or higher resolution. It is technically known that DEMs derived from 1/25000 maps can yield 10 m with horizontal accuracy and 5 m with vertical accuracy. So, if we consider the DEM accuracy requirements specified in the tender documents, then it is possible to compile DEMs much more economically and faster in comparison to those derived from 1/25000 maps. Please clarify if CFCU priority is for i) DEMs from 1/25000 maps or ii) DEM accuracy requirements as specified in the tender documents. In case of (i) please indicate if the bidder will get them through CFCU and pay or CFCU will provide maps of digital contours together with official costs to the bidder.

Answer 19: Please refer to Corrigendum No. II, Item 1.1 Landsat 7 ETM + Satellite Images

Question 20 - Annex-2: Part-1- Technical Specifications, 1.3 High resolution Satellite Images (pp. 74-75 / 275): The only high resolution satellite (HRS) images satisfying the resolution and band specified in the tender document is QUICKBIRD, which commercially started acquiring images since 19.01.2002. It is, therefore, not possible to provide 100 frames of HRS images belonging to May 2000 (± 1 month) as specified in the tender document. Please clarify the modified acquisition dates acceptable to CFCU. In any case, it is very likely that the archival QuickBird data will not cover the entire AOI, requiring substantial new acquisitions.

Answer 20: Please refer to answer 1.

Question 21 - In view of the discussions in (7), in order to identify the archive coverage (if any) and the exact extent of each area required for the new acquisitions, you are kindly requested to provide coordinates of closed polygons belonging to 100 frames.

Answer 21: Please refer to answer 1.

Question 22 - Annex-2: Part-1- Technical Specifications, 1.3 High resolution Satellite Images (pp. 74-75 / 275): For HRS images AOI, It is stated that DEMs will be derived

from 1/25000 vector maps. It is also stated that the accuracy of DEM maps as 100 m grid with horizontal accuracy of maximum 50 m or higher resolution with 90% confidence and with vertical accuracy of maximum 30 m or higher resolution. It is technically known that DEMs derived from 1/25000 maps can yield 10 m with horizontal accuracy and 5 m with vertical accuracy. So, if we consider the DEM accuracy requirements specified in the tender documents, then it is possible to compile DEMs much more economically and faster in comparison to those derived from 1/25000 maps. Please clarify if CFCU priority is for i) DEMs from 1/25000 maps or ii) DEM accuracy requirements as specified in the tender documents. In case of (i) please indicate if the bidder will get them through CFCU and pay or CFCU will provide maps of digital contours together with official costs to the bidder.

Answer 22: Please refer to answer 1.

Question 23 - Having said the points in (9), we are in the opinion that the standard QuickBird images already have geometric accuracy stated in the tender document without requiring additional orthorectification. The Ground Control Points (GCPs) obtained from 1/100000 maps are expected to have 30 m accuracy. Besides, these maps will not contain adequate features for post identification purposes. DEM accuracy specified in the tender document is also very low for orthorectifying HRS images. Owing to reasons outlined above, we strongly recommend that the ortho-ready image of QuickBird to be acquired and processed / orthorectified using a) 10 m spacing DEMs with 5 m vertical accuracy b) GCPs to dm-accuracy (by field surveys or large scale maps). Thus it will be possible to orthorectify and georegister such a valuable HRS image product to the 1-2 pixel size, i.e. 0.75 – 1.50 m accuracy level. Such a product can also serve as large scale basemap.

Answer 23: Accuracy requirements shall be kept as defined in the tender dossier. Any higher resolution is accepted.

Question 24 - 7.3. Over Snow Vehicle

- Hydraulic foot type brake is requested in tender technical specification. The snow vehicle, which we are planning to quote have hydrostatic transmission so, does not have such a brake.
- In tender technical specification "Wheels: Tires should be suitable for conditions of road operation in winter" is written. Snow type vehicle, which we are planning to quote does not move on its wheels (tires), it moves on its tracks in snow. Rubber tracks are also available (optional) for conditions of road operation in winter where there is no snow.
- In tender technical specification front seats are requested as bucket. We could not understand what is meant by bucket, could you please clarify.

Answer 24: Please refer to Corrigendum No. II, Item 7.3 Over Snow Vehicle

Question 25 - For which taxes do you have exemptions (like ÖTV and KDV), how would you supply us with official exemption, legislations.

Answer 25: Please refer to “Annex VI Tax and Customs Provision”

Question 26 - For 4x4 vehicles: Besides manual transmission, is extra automatic transmission allowed. (triptronic)

Answer 26: Please refer to Corrigendum No. II, Item 7.1 - 4 x 4 Vehicles

Question 27 - For “Over Snow Vehicles” is there any supplementary technical data? For example can these vehicles be with palettes.

Answer 27: Please refer to answer 24.

Question 28 - For “Over Snow Vehicle” and “All Terrain Vehicle” if there or not any Europe make vehicle, can offer other makes, like USA, Japan etc....

Answer 28: No. Please refer to “Draft Contract, Article 2”

Question 29 - For inflatable boat can the engine be or other make such as USA or Japan

Answer 29: No. Please refer to “Draft Contract, Article 2”

Question 30 - Can we bid alternative prices for each item?

Answer 30: No. Please refer to “Special Conditions, Article 22”

Question 31 - For the motorcycles, are the following criteria acceptable?

Height: 1275mm instead of 1300mm

Fuel tank: 17.3 instead of 20 lt.

Are smaller wheels acceptable?

(i.e. front tires : 19 x 2.15

rear tires : 17 x 3.00)

Answer 31: Please refer to Corrigendum No. II, Item 7.2 Motorcycle

Question 32 - For 4x4 Jeeps, is 1750mm height acceptable instead of 1752mm?

Answer 32: Please refer to Corrigendum No. II, Item 7.1 - 4 x 4 Vehicles

Question 33 - With what main purpose will the "over snow vehicle" be used (rescue, carrying, snow clearance etc)? We have difficulty finding any snow vehicle which can fulfill the specifications of the specified tender vehicle. Are there any supplementary

technical data? For example can these vehicles be with palettes? If there are not any Europe make vehicles, can we offer other makes like USA, Japan etc?

Answer 33: Please refer to answers 24 and 28.

Question 34 - All Terrain Vehicle: They should be “Air and oil cooled” instead of “Liquid Cooled”? (Because freezing danger)

Answer 34: Liquid cooled covers oil and water type cooling. In case of water cooled type anti freezer could be used to prevent freezing.

Question 35 - Inflatable Boats:

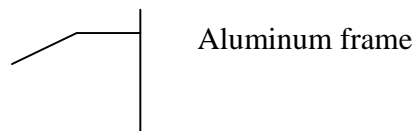
- a) Can the engine of the boats be of other make such as USA or Japan(YAMAHA, JOHNSON, etc)
- b) Airtight compartments are given as 3+1; can it be 4 compartments instead?
- c) What does “frame with the down rail system” mean?
- d) 2 x 1100 Deciex material is this material with double layers?
- e) Polyamide lacing cuff and safety grab lines:
 - 1) What should be made of?
 - 2) On what side of boat should be connected?

Answer 35:

a) No. Please refer to “Draft Contract, Article 2”.

b) It could be accepted if the compartments could be inflated independently from each other.

c) The assembled parts of the floor pieces could be mounted with a rail bar with the aluminum frame having the sketch below.



d) Yes.

f) It shall be polyamide and connected at the outside of Buoyancy tube.

Question 36 - We think that a clarification is necessary referring to the expression “The supplies must originate in the European Community or a country that is a beneficiary of the PHARE, MEDA or CARDS programme”. Although it is written as indicated above, none of the supplies of Lot-1 : Landsat Satellite Images, and High Resolution Satellite Images (have only two alternatives: QUICKBIRD and IKONOS which belong to American companies and have distributors in Europe) are originated in the relevant countries. As in this example, is it possible to submit application software which originate in USA?

Answer 36: Please refer to Corrigendum No. II, Article 10 Origin

Question 37 - Lot-6 is listed as: GIS Software, Image Processing Software, and Software Licenses for data management and network, GPS Software. The software, which we will submit, has not a modular structure. Therefore we are able to execute GIS, Image Processing, and GPS applications using only one software. In such a situation, how shall we prepare our tender?

Answer 36: The proposal shall explain the availability of specs stated in the tender document. A total price shall be given for Lot 6.

Question 38– Article #2.1 Application Servers. General As indicated in “Chapter A – Instruction to Tenderers” Article #1.4 and #11.8, no variants are allowed for the bid. However, in the technical requirements of the Application Servers #2.1, it is stated in paragraph ‘Availability’ and paragraph ‘RAID Controllers’ that optional items are required, please clarify this statement.

Answer 38: Please refer to Corrigendum No. II, Item 2.1 Application Servers

Question 39 - Paragraph ‘RAID controllers’, bid requirement for different optional PERC RAID controllers: we would like to mention that PERC is a brand name of DELL Computers, therefore this requirement is limiting competition. Dell is not producing such RAID controllers, but purchasing from other manufacturers of RAID controllers and rebranding, To allow competition, it should just be stated that:

- A) RAID controller is required
- B) Number of disk channels required (1/2/3/4 etc)
- C) Amount of cache RAID memory required (64/128/256MB etc)
- D) If battery backup unit is required

Answer 39: Please refer to answer 38.

Question 40 - Paragraphs ‘Processor’, ‘Front Side Bus’, ‘Cache’, ‘Memory’, ‘I/O Slots’:

In order to allow open competition on the Servers, we kindly suggest following open specifications:

In case of Dual Xeon DP architectures:

Processor	Two Dual Intel Xeon 3.06 GHz or equivalent
Front Side Bus	533 Mhz
Cache	512K L2 and 2MB L3 (NB: 2MB L3 is supported only by Xeon DP 3.2GHZ!!)
Memory	12 GB DDR ECC SDRAM installed
I/O Slots	Six Expansion Slots, of which minimum 3x64-bit Additional 2X10/100/1000 embedded NICs
Availability	Hot-plug hard drives ECC memory, Chip Kill technology Hot-plug ,redundant power and cooling Embedded RAID with battery backed cache
Graphics Card	8 MB Ram

Drive Controllers	Embedded dual integrated PCI Ultra320 LVD SCSI Controller
RAID Controllers	Embedded RAID Dual Channel U320 with 128 MB of battery-backup cache

In case of Xeon MP architectures:

Processor	Two Dual Intel Xeon 3GHz or equivalent
Front Side Bus	400 Mhz
Cache	512K L2 and 2MB L3
Memory	16 GB DDR ECC SDRAM installed
I/O Slots	Six Expansion Slots, of which minimum 6x64-bit Additional 2x10/100/1000 embedded NICs
Availability	Hot-plug hard drives ECC memory, Chip Kill technology Hot-plug ,redundant power and cooling Embedded RAID with battery backed cache
Graphics Card	8 MB Ram
Drive Controllers	Embedded dual integrated PCI Ultra320 LVD SCSI Controller
RAID Controllers	Embedded RAID Dual Channel U320 with 128 MB of battery-backup cache

Answer 40: Please refer to Answer 38.

Question 41 - Article #2.2 Technical Workstations - Requirement for Dual Pentium 4 processor with Intel i845 chipset and 64bit PCI slots: such requirements are not compatible with each other (Pentium 4 processors are not supporting dual processor architectures, in addition i845 chipset is a PC chipset not supporting dual processors and 64-bit PCI slots...)

Please clarify what specifications are mandatory to have (if dual processor is a must, in this case processor should be Intel XEON DP type, not Pentium 4).

Answer 41: Please refer to Corrigendum No. II, Item 2.2 Technical Workstation

Question 43 – Our Company expresses interest in attending the above mentioned project LOT2 however after careful review of the technical specifications of items 7, 9, 12, 13, 19, 20, 21 under LOT’ it’s been seen that those items are sourced by major European Electronic Companies in the Far-East (China-Korea-Japan) not within the EU or MEDA countries. Would you please advise us how to proceed?

Answer 43: All these items can be provided from eligible countries. Please refer to “Draft Contract Article 2”

Question 44 - On the Annex II, Part 1 Technical Specification, LOT 6 Application Software, Article 6.3 the following statement was written: “5 Licenses for data management for 20 users per each licenses”. As we understood above statement, 100 Relational Database Management System (RDBMS) licenses are required. The 8 licenses from this total 100 RDBMS licenses will be used for Image Processing Software. Also 51

licenses will be used for GIS software. What kind of users will use the remaining 41 RDBMS licenses?

Answer 44 - There are existing GIS users within the beneficiary institution; therefore remaining RDBMS licenses shall be used by these users.

Question 45 - On the Annex II, Part 1 Technical Specification, LOT 6 Application Software, Article 6.3 Software and Licenses the following statement was written; “Min 20 Single place licenses for GIS” Does this statement describe GIS Software License or Relational Database Management System License? If it describes GIS Software License, are additional 20 GIS Software Licenses required? If it describes RDBMS License, are Additional 20 RDBMS Licenses required?

Answer 45: The GIS software has a modular structure. This part defines the requirements of net license and GIS software user connection relations. Each network license shall have the ability to connect 20 GIS software users. No additional licenses are required.

Question 46 - On the Annex II, Part 1 Technical Specification, LOT 6 Application Software, Article 6.3 Software and Licenses the following statement was written; “2 single place licenses for image processing per each license” Does this statement describe additional RDBMS licenses per each server? In that case are we supposed to quote $20+2=22$ RDBMS licenses per server? Please confirm.

Answer 46: The image processing software has a modular structure. This part defines the requirements of net license and image processing user connection relations. Each network license shall have the ability to connect 2 GIS software users. No additional licenses are required.

Question 47 - On the Annex II, Part 1 Technical Specification, LOT 6 Application Software, Article 6.4 GPS Software GPS software is dependent on the GPS device purchased. Therefore this software should be requested in LOT 3- Audio Visual Equipment. Otherwise it is uncertain which brand of GPS software will be quoted. Please clarify.

Answer 47: Various types of GPS data transfer software exist within the market. The GPS bundled software usually has limited abilities. Therefore the beneficiary asks for a special type of software with given specs at Annex II-Part 1-Technical Specifications, Item 6.4.

Question 48 - On the Annex II, Part 1 Technical Specification, LOT 6 Application Software, General Conditions, the following statement was written. “For the provisional acceptance, the software shall be installed to the hardware stated by the Ministry of Environment and Forestry; functioning tests and training shall be carried out within the provisional acceptance period” On the Annex II, Part 1 Technical Specification, LOT 6 Application Software, 6.5 Other requirement, 6.5.1 Training, the following statement was

written. "Training shall be completed in the delivery period" Which of the above statements is valid? Please clarify.

Answer 48: Please refer to Corrigendum No. II, Item 6.5.1 Training, second paragraph.

Question 49 - On the A.Instructions to Tenderers, 3. Participation, 3.2 Article which documents will be submitted to provide evidence of our status? Please list the possible documents to be submitted.

Answer 49: Please refer to "Instructions to Tenderers Article 11"

Question 50 - Are we in a position to submit standard Application forms service which is maintained by EuropeAid G2, in addition to the forms in the tender document?
We access these forms on http://europa.eu.int/comm/europeaid/tender/index_en.htm

Answer 50: Please refer to "D. Tender form for a supply contract" page 271.

Question 51 - We would like to make a bid regarding the Lot-3 Audio Visual Equipment. Moreover, we have some questions according to the specifications of the 5th item, Hand Held GPS determined in 3.5 Hand Held GPS Part, as follows:

- Display: It is determined as 240x320 pixel colour display. Leica's Hand Held GIS (GS20) has a 240x240 pixel graphical LCD, 16 grayscale with backlight screen. However this never creates a problem for your field application and we believe that the colour display causes some problems when using under direct sunlight.
- Memory: Leica Hand Held (GS20) does not contain RAM memory, but it contains 128 mb compact flash memory which can be extendable to 2GB.
- Battery: We have integrated lithium ion battery for the Hand Held GPS (GS20), but not in AA size, it is capable to provide 15 hours power to the GPS receiver.
- Connectivity: We do not have USB connection but we have serial connection (RS232) and Bluetooth cable-free connection to transfer data.
- Extra Accessories: We cannot provide USB data cable because our Hand Held GPS receiver has no USB connection. We also cannot provide the stylus because our Hand Held GPS receiver has no touch-screen display.

We believe that the acceptance of the items mentioned above will provide better competition conditions for you and for bidders.

Answer 51: The specs shall be kept as they are except the connectivity. Please refer to Corrigendum No. II, Item 3.5 Hand Held GPS.

Question 52 - Special Conditions, Article 26: Methods of Payment: “For Domestic Contractors, Payments shall be made in TL as an equivalent to the EUR value of the contract, calculated at the exchange rate of the bank from which payments are made”:
Please inform us about the date of the exchange rate that you are going to make your calculations with.

Answer 52: The actual payment day shall be taken into consideration.

Question 53 - Lot 4, Item 4.1: Copy Machine Accessories: “Automatic Document Feeder (ADF), Automatic Sorter Specification (ESS)”: Although most of copy machines usually have electronic sort specification, finisher unit is an optional accessory. Do you need only “sorter” or both sorter and finisher unit? Is it acceptable; If Turkey distributor of copy machine confirms any specification, which is not written on the technical brochure of copy machine?

Answer 53: Both sorter and finisher units are required.

Question 54 - Page 12 of the Tender Dossier: Do we have to include the CVs of the trainers, just for Lot 1?

Answer 54: Not necessarily

Question 55 - Page 12: For which lots do you require a periodic maintenance during the warranty period? How often should we provide maintenance (for instance 2 times/year)?

Answer 55: Please refer to “Instructions to Tenderers Article 11.1.e, Special Conditions Article 32 and General Conditions Article 32”

Question 56 - Page 112, Item 3.10 (Type II - Digital Video Camera): We couldn't find any product in the market with 800.000 pixel, 1360*1020 pixel resolution, and 20X optic 700X digital zoom. The product Sony Digital 8 has 20X optic 700X digital zoom, but this model doesn't satisfy the other criteria. Could you please review the technical specifications, so that we will be able to find a product in the market?

Answer 56: The described product already exists in the market and can be provided from eligible countries. Please refer to “Draft Contract Article 2”

Question 53 - Page 103, Item 3.1 (Dia and Film Scanner): It is written that the memory should be 128 MB. But there is not any scanner with memory. Can you please review the technical specifications?

Answer 56: This is a special type of scanner for Dia and film.

Question 57 - Page 115, Item 3.13 (Combined TV+DVD): If the TV, DVD and VHS are combined, we are not able to find a product with EU, MEDA or PHARE origin. Is it possible to offer separated TV, DVD and VHS, instead of a combined one?

Answer 57: The described product already exists in the market and can be provided from eligible countries. Please refer to “Draft Contract Article 2”

Question 58 - Lot 3: Most of the items that we will offer will be imported. Will the Contracting Authority or the Beneficiary assist the Contractor in getting the customs & imports authorizations?

Answer 58: Please refer to answer of question 25

Question 59 - Lot 5 and Lot 8: In general, CE marking is required for electrical and electronics equipments. For furniture and clothes (i.e. Lot 5 and Lot 8), we are not able to find products having CE marking. Can we offer products without CE marking for these lots?

Answer 59: Please refer to Corrigendum No. II, Item 5.1 TYPE II - Office Furniture (Set), Item 5.2 TYPE II - Office Furniture (Set), Item 8.1 Hiker Boot, 8.2 Boot-foot Wader / Chest, 8.3. Rain Wear, 8.4 Pants, 8.5 Cap, 8.6 Jacket, 8.7 Parka, 8.8 Polar Jacket, 8.9 Flashlight, 8.10 TYPE I – Tent (Big), 8.11 TYPE II – Tent (Small), 8.12 Tent’s equipment Set, 8.13 Body Mat, 8.14 Backpack

Question 60 - Page 122, Item 5.1: Is the structure of the table 18 mm, on top laminate panel press on it? Or is it melamine covered on MDF ready production?

Answer 60: 18 mm laminate panel press.

Question 61 - Lot 5: Is there any allowance of deviation of measures (for example $\pm 5\%$)?

Answer 61: Yes.

Question 62 - Lot 5: Will the edges of the tables be covered with PVC? If yes, what should be the thickness of PVC?

Answer 62: Yes. Thickness is not important.

Question 63 - Page 124, Item 5.2: Could you please explain what “Not Table” is? Moreover, it is written that “the heights of the tables are adjustable to user”. Is 2-3 cm of adjustment enough?

Answer 63: Please refer to Corrigendum No. II, 5.2 TYPE II - Office Furniture (Set)

Question 64 - Lot 8: Do you require a 2-years warranty for items of Lot 8, such as boots, pants, jackets, tents, etc?

Answer 64: This lot includes only warranty of fabrication and water proof ability where applicable.

Question 65 - Item 3.3 (Night Vision Binoculars): We need an authorisation from Turkish authorities to import this item. Will the Contracting Authority help the Contractor in getting these authorisations?

Answer 65: The beneficiary shall provide the necessary permissions.

Question 66 - Lot 8 (Items 8.3, 8.6, 8.7, 8.8): **Can we** offer any other colour than “half quantity forest, other quantity navy”, for instance red-black, blue-black or orange-black?

Answer 66: No. The colour will be only one type; half quantity forest, other quantity navy

Question 67 - Shall derogation from the rule of origin be apply if there are no technical compliant products from eligible origin at the time of tendering for the items 7 (Plotter), 8 (Scanner), 9 (Colour Inkjet Printers), 10 (Colour Laser Printers), 11 (Laser Printer) of LOT-2?

Answer: No. All these items can be provided from eligible countries. Please refer to “Draft Contract Article 2”

Question 68 - Is it possible to change the technical requirements for the following items of LOT-2 as mentioned for more competition?

Item	Description	Current Requirements	Suggested Requirements
1	Application Server	I/O Slots : Seven Expansion Slots : 2x64-bit/133 MHz PCI-X: 3X64-bit/100 MHz PCI-X: 2X10/100/1000 embedded NICs	I/O Slots : Six Expansion Slots : 6X64-bit/100 MHz PCI-X; 2X10/100/1000 embedded or in a slot NICs
1	Application Server	Availability : Hot-plug hard drives ECC memory Spare bank memory Chip Kill technology Hot-plug ,redundant power Hot-plug, redundant cooling Embedded RAID with battery backed cache(optional)	Availability : Hot-plug hard drives ECC memory Spare bank memory Chip Kill technology Hot-plug ,redundant power Hot-plug, redundant cooling RAID Controller in a slot or embedded with battery backed cache
1	Application Server	Graphics Card 16 MB Ram	Graphics Card 8 MB Ram
1	Application Server	RAID Controllers Embedded PERC4/Di(Dual channel Ultra320 Raid with 128 MB of battery-backup cache; Optional PERC3/DC (Dual- channel PCI RAID	RAID Controllers 128 Mb Dual Channel Raid Controller with battery backed cache Cache

		controller); Optional PERC3/QC (quad-channel PCI RAID controller)	
2	Technical Workstation	Processor 2 Units of Pentium 4 3.0 GHz or equivalent	Processor 2 Units Intel® Xeon processors 3.0 GHz, or equivalent
2	Technical Workstation	Chipset Chipset type Intel 845 G or equivalent	Chipset Chipset type Intel E7505 or equivalent
2	Technical Workstation	Hard Drive 160GB, 7200 rpm EIDE, SCSI, 7200 rpm Hard Drive controller EIDE, SCSI, 7200 rpm	Hard Drive 160GB, 7200 rpm SATA, SCSI, 7200 rpm Hard Drive controller SATA, SCSI, 7200 rpm
2	Technical Workstation	Slots 4 PCI (with minimum 2X64bit/66 MHz), 1 AGP	Slots 4 PCI (with minimum 2X32bit/33 MHz), 1 AGP
3	Office Computer	Chipset Chipset type Intel 845 G or equivalent	Chipset Chipset type Intel 865G or equivalent
4	TYPE1-Laptop-Notebook	Processor Intel Pentium IV 2.2 GHz or equivalent	Processor Intel Pentium M 1.5 GHz or equivalent
4	TYPE1-Laptop-Notebook	FDD 1,44 MB 3.5"	FDD External through USB connection
4	TYPE1-Laptop-Notebook	External ports 25-pin parallel (printer) port 15-pin port to external monitor 2 USB 2.0 ports, both of them could be usable at the same time IrDA 1.1 (4Mbps) or higher PCMCIA Slot 1 PS/2 mouse connector	External ports 25-pin parallel (printer) port 15-pin port to external monitor 2 USB 2.0 ports, both of them could be usable at the same time IrDA 1.1 (4Mbps) or higher

		1 Keyboard connector Digital and analogue video out 1 x S-Video out, 1 x microphone in, 1 x headphone out	PCMCIA Slot Digital and analogue video out 1 x S-Video out, 1 x microphone in, 1 x headphone out
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Answer: Please refer to answers 38, 39, 40 and 41. All of the other specs shall be kept as they are.