

## **REQUEST FOR QUOTATION**

**RFQ Number: GAPIIM-H-10-31**

### **IT Equipment for Cohort 3 GAP Partner Municipalities**

Chemonics International, (hereinafter referred to as “the Buyer”), acting for the Bosnia and Herzegovina Governance Accountability Project (GAP2), Phase II project, is soliciting offers for the supply of goods described in the attached pages. This project is funded by the U.S. Agency for International Development, the Swedish International Development Co-operation Agency, and the Embassy of the Kingdom of the Netherlands under U.S. Agency for International Development Contract No. 168-C-00-08-00001-00. The project is being implemented in Bosnia and Herzegovina.

Please submit your offer for the goods described in the attached pages in accordance with the terms of the RFQ.

This RFQ includes the following sections:

1. Offer Deadline
2. Reply To
3. Location of Delivery and Installation
4. Eligibility Requirements
5. Required Documents
6. Registration for Notices
7. Chronological List of Events
8. Source and Origin
9. Quotations
10. Award Criteria/Negotiations
11. Technical Specifications

Attachment A: Evidence of Responsibility

Attachment B: Offeror’s Summary Sheet

Attachment C: Statement on Source and Origin

Attachment D: Offeror’s Capability Statement

Attachment E: Minimum Technical Requirements

Attachment F: Commodity Schedule with prices of proposed equipment

Attachment G: Statement of Work: Installation

All correspondence and/or inquiries regarding this Request for Quotation must reference the above RFQ number, and be directed to the attention of the undersigned:

For Chemonics International: Muris Celjo

Koldvorska 12, 71000 Sarajevo, mceljo@bihgap.ba

Tel. 033 722 580, Fax: 033 722 598

Vendors invited to submit proposals are under no obligation to do so. Issuance of this RFQ does not in any way obligate Buyer to award a subcontract nor does it commit Buyer to pay for costs incurred in the preparation, submission, and negotiation of an offer in response to this RFQ.

**1. OFFER DEADLINE**

Offers must be received no later than **14:00 h BiH local time on August 20<sup>th</sup>, 2010.**

**2. REPLY TO**

Three copies of your offer must be identified with RFQ # **GAPIIM-H-10-31** submitted in a sealed envelope to the GAP2 project office located at 12 Kolodvorska, “Exclusive” building, 3<sup>rd</sup> floor 71000 Sarajevo, BiH, attn: Mr. Muris Celjo, Procurement and Contracting Specialist.

**3. LOCATION OF DELIVERY AND INSTALLATION**

All equipment shall be delivered and installed at the following municipal addresses hereinafter referred to as ‘Location’:

	<b>Municipality</b>	<b>Adress</b>	<b>Tel/Fax</b>
1	Ilidza	Samira Catovica Kobre br. 1	033/763-360
2.	Ilijas	126 Ilijaske Brigade br. 6	033/400-505
3	Visoko	Alije Izetbegovica 12A	032/738-111
4	Trnovo	Trnovskog Bataljona 86	057/610-237

**4. ELIGIBILITY REQUIREMENTS:**

A. Offers must demonstrate the following:

- a. Source/origin/nationality requirement (see Section 8 below)
- b. Adequate financial resources to perform the subcontract, or the ability to obtain them (See Section 5 below)
- c. Able to comply with the required or proposed delivery or performance schedule, taking into consideration all existing commercial and governmental commitments (see section 11.3 below)
- d. Satisfactory performance record (see section 5 below)
- e. Satisfactory record of integrity and business (see section 5 below)
- f. Necessary organization, experience, accounting and operational controls, and technical skills, or the ability to obtain them (see section 5 below)
- g. Otherwise qualified and eligible to receive and award under applicable laws and regulations.
- h. Appropriate certifications clearly demonstrating vendor relationship with equipment producer.

B. In addition, to be considered, an Offeror must be:

- a. An *authorized dealer and service provider* for the IT equipment proposed;
- b. Capable of setting up, configuring and installing all proposed equipment;

- c. Capable of providing on-call service to the Locations within 24 hours of notification and must be able and willing to remain responsive to the Municipalities throughout the installation and warranty periods;
- d. Capable, through the availability of sufficient spare parts, of providing repairs for any hardware problems within 3 days; and
- e. Able to provide basic network administrator tutoring on-site as the equipment is being installed and set up.

## **5. REQUIRED DOCUMENTS**

The Offerors must submit sufficient evidence of responsibility for Buyer to make a determination of responsibility. In the absence of sufficient evidence, the Offeror shall be considered to be non-responsive, thereby precluding award of the subcontract. The following documents are required in any offer submission:

### **Documents for qualification:**

In order to qualify the Offerors are expected to submit the following documents:

1. Evidence of Responsibility (**Attachment A**)
2. Evidence of Offeror's registration evidencing the right to pursue the relevant professional activity in accordance with BiH legislation or its country of establishment.
3. Evidence that the Offeror, has not been convicted of any offence regarding its professional conduct within 3 (three) years from the date of the submission of the Offer.
4. Evidence that Offeror is registered for declaration and payment of value added tax in accordance with BiH legislation or its country of establishment
5. Evidence that Offeror is free from debts regarding direct and indirect taxes.

### *Offeror Economic and Financial Standing*

6. Appropriate statement(s) from bank(s) where the Offeror has opened accounts proving Offeror's solvency for last six months or an evidence of relevant professional risk indemnity insurance.
7. Evidence that the Offeror did not operate at loss in the previous reporting period ending on **30.06.2010** (balance sheet).

Buyer shall accept by an Offeror as sufficient the following evidence: In cases referred to in items 2-5 above the production of an extract from the judicial record or an equivalent document issued by competent or administrative authority of BiH or the Offeror's country of establishment. The documents requested under 2-5 above shall not be older than three months from the date of submission. Originals or certified copies of the specified documents are required.

### *Offeror's Technical and Professional Ability*

8. Offeror's Summary Sheet (**see Attachment B**).
9. Certificate that Offeror is an Authorized Dealer for the IT equipment being proposed.

10. Certificate that equipment producer will support the vendor/dealer through its distributor for entire duration of this assignment
11. Certificate that the Offeror is certified service provider or has a certificate for providing full service support from a producer/distributor
12. Offerors are expected to study carefully Section 8 below and provide a Statement of Source and Origin (**Attachment C**).
13. Offeror's Capability Statement (**Attachment D**).

*The Offer must also include the following:*

14. Proposed equipment meeting the Minimum Technical Requirements (**Attachment E**)
15. Commodity Schedule with prices of proposed equipment (**see Attachment F**)
16. Official offer on the Vendor' memo (see Section 11.11)
17. Statement of Work: Installation (see Section 11.4, **Attachment G**)

**A complete offer must include all of the above.** The Offer (except for qualification documents) must be in English.

## **6. REGISTRATION FOR NOTICES**

Each offeror who intends to submit an offer to this RFQ **MUST** register immediately with GAP2 in order to receive notices and further clarifications to this RFQ should such additional information need to be issued. To register, a vendor representative should send an email to [mceljo@bihgap.ba](mailto:mceljo@bihgap.ba) with a subject "GAPIIM-H-10-31" and the name of the company, contact person and contact information.

## **7. CHRONOLOGICAL LIST OF EVENTS**

- |    |                                               |                                              |
|----|-----------------------------------------------|----------------------------------------------|
| 1. | RFQ Released                                  | <b>August 13<sup>th</sup>, 2010</b>          |
| 2. | Registration for notices                      | <b>August 18<sup>th</sup>, 2010</b>          |
| 3. | Deadline for written questions/clarifications | <b>August 18<sup>th</sup>, 2010</b>          |
| 4. | Answers provided for questions/clarifications | <b>August 19<sup>th</sup>, 2010</b>          |
| 5. | Quotation due date                            | <b>August 20<sup>th</sup>, 2010 at 14:00</b> |
| 6. | Decision                                      | <b>By August 25<sup>th</sup>, 2010</b>       |

## **8. SOURCE AND ORIGIN**

Any order resulting from this RFQ will be financed (in part) by USAID and will therefore be subject to USAID regulations and approval. All goods and services proposed must meet a source/origin/nationality requirement allowing for services and commodities to be procured from firms whose source, origin, and nationality is in countries party to the WTO Government Procurement Agreement (GPA) and the cooperating country of Bosnia and Herzegovina. 37 countries—including European Union (EU) member states and the United States—are parties to the Agreement. Those countries are: Canada, European Communities (including its 25 member States: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France,

Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Netherlands, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, United Kingdom), Hong Kong China (the semi-autonomous region of Hong Kong, but not the entire mainland of the People's Republic of China), Iceland, Israel, Japan, Korea (South Korea only), Liechtenstein, Netherlands with respect to Aruba, Norway, Singapore, Switzerland, and the United States.

While this project requires that IT equipment be **made** in the United States, Bosnia and Herzegovina and/or the above listed 37 countries, many hardware items such as monitors, keyboards, and printers are not made in the US. Please note that even if a piece of equipment is made by a US company (e.g. HP or Dell), this does not necessarily mean that the equipment was manufactured in the US. When including origin information, the Offeror must list the country of manufacture marked on each piece of equipment. Each individual piece of equipment (monitors, keyboards, mice, etc.) must have their origin listed separately.

In order to procure items outside the US, Bosnia and Herzegovina or the above 37 countries, Buyer uses the USAID concept of "system" as described in [CFR §228.11\(e\)](#). This system rule allows computer hardware within a single transaction to constitute a system. As such, it will be considered and evaluated as a single produced commodity or computer system. This means that countries outside of the US, BiH or the above 37 countries may be included, but the total cost of these items may not exceed fifty percent (50%) of the total price of the system. Vendors will be required to list the origin of each piece of equipment specified in the Attachments E and F. The Buyer will inspect all equipment to make sure it complies with origin requirements.

**No items or items with components from the following countries will be offered or supplied: Cuba, Iran, Iraq, Laos, Libya, North Korea, Syria.**

## **9. QUOTATIONS**

**Prices must include delivery and installation of goods to the Locations.** VAT and all other fees and duties shall not be included in the cost, as VAT exemption will be facilitated by the project. Offers must show unit prices, extensions, and total price as required in Attachment F. Quotations must be fixed price, expressed in BAM currency.

Offerors shall fill in the unit price for each item in the **Commodity Schedule with Specifications (see Attachment F)**. For each item, the quantity given in the "Quantity" column shall be multiplied by the unit price and the result entered in the "Total Amount" column. In case of any discrepancy between a unit price and an amount, the unit price will be taken as correct and the amount adjusted accordingly. For any item for which a unit price or amount is not shown, it will be assumed that the Offeror is not including that item in its Offer and shall be considered non-responsive.

## **10. AWARD CRITERIA/NEGOTIATIONS**

**Following submission and evaluation of quotations, Buyer may make the award to a responsible Offeror, as defined under section 4 who submits the lowest price, technically fully compliant proposal as determined in under this RFQ.**

The proposal will be evaluated based on its responsiveness to the technical requirements listed in Section 11 Technical Specification and Attachment E: Minimum technical requirements.

Buyer reserves the right to conduct negotiations and/or request clarifications prior to award. Buyer also reserves the right to order all, some, or none of the commodities in this RFQ.

## 11. TECHNICAL SPECIFICATIONS

Under this RFQ the Buyer requests provision of information technology equipment as well as the below services:

- ✓ Setting up and configuration of equipment quoted, as well as installation.
- ✓ Provision of on-call service to Locations within 24 hours of notification, and ability to remain responsive to the Municipalities throughout the installation and warranty period.
- ✓ Ability to provide repairs for any hardware problems within 3 days, including replacing necessary system parts.
- ✓ Provision of basic network administrator tutoring on-site as the equipment is being installed and set up.

### 11.1 Technical Requirements

OEM media should be included with all items. Monitors with desktops and servers need to match for color and should be of the same brand. Listed in Attachment E are the minimum hardware requirements. Offerors should mark the compliance (i.e. yes/no/better) of each item specified in the tables. Offeror should mark 'yes' if their proposed equipment is equal to the required specifications. If an Offer does not meet the Minimum Technical Requirements, the Offer shall be rejected and shall not be taken into consideration.

Internationally supported manufactures<sup>1</sup> are acceptable brands for this procurement due to accessibility and availability of in country service, support and availability of spare parts.

Comments on the *Technical specification* are welcome. Additional specifications should be clearly marked as such. The Offeror is expected to suggest changes and updates to the equipment and software as needed in the event certain equipment listed in the Attachment E is discontinued or superseded by the manufacturer.

The following requirements apply for the specified items:

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<sup>1</sup> General description of the physical, functional and performance characteristics of requested IT items under this RFQ is provided in the Attachment E: "Minimum Technical Requirements"

- i. All computer equipment must run the Windows 7 platform and support Microsoft programs. In cases that Offeror is unable to provide Windows 7 OS licenses please notify the Buyer in due time set forth in chronological list of events.
- ii. All equipment must be compatible to standards commonly used in BiH without requiring accessory transformers, converters or other non-OEM adapters.
- iii. All items must be new. No used or refurbished equipment can be purchased for this project

## **11.2 Operating System Licenses**

All required operating system licenses should be provided.

## **11.3 Delivery and Installation Schedule**

Successful Offeror will be required to deliver and install all the equipment to **municipalities listed under location of delivery** within **21 calendar days** from receiving a purchase order from the Buyer. Offerors are encouraged to shorten the delivery period if possible. Hardware deployment must be done in coordination with the Buyer or its representative. Prior to delivery the Buyer shall inspect all equipment subject of this subcontract at the vendor's premises.

## **11.4 Installation and In-Country Warranty Service and Repair**

For purposes of this section, "installation" includes physical placement of equipment according to the request of an authorized Buyer representative; systems installation, configuration, tuning, software upgrade, and software adaptation; system start-up; conducting a full test to assure the operation of the IT equipment.

Installation of the equipment detailed in the Technical Specifications (See Attachment E) is required at the Locations assigned by an authorized Buyer representative. Attachment G ("Statement of Work: Installation") describes the required components of the installation in BiH and the respective Locations for that installation. This statement of work must be signed by an authorized representative and submitted with the offer for that offer to be considered.

Assurances acceptable to an authorized Buyer representative of on-site warranty service and in-country service and repair after warranty service for all equipment by an official provider or reseller of the brand offered are required to be submitted with an offer for that offer to be considered. In this submission, the offeror must certify that installation, after-sales maintenance, repair and spare parts during and after the warranty period will be provided. If the offeror does not provide this service directly, the offeror must include the name, address, contact person, and telephone/fax number of the representative assigned to provide these services. That representative may be subject to visit and interview during the evaluation process and, should that representative be determined incapable of providing the required service(s) by an authorized Buyer representative, the offer may be rejected.

**If the offeror does not supply the required warranty service and in-country service as noted above directly, the offeror must submit a description of the organization, experience and capability of representative assigned to provide these services in BiH for the offer to be considered. In this case, the offeror must also submit a certification signed by the representative stating that the representative will provide the required services not to be provided by the offeror.**

**The offeror must submit documentation describing the warranty coverage for the offer to be considered.**

### **11.5 Storage**

Offerors must clearly demonstrate the capacity to store, free of charge to the Buyer, all hardware for a period of **30 calendar days** in the event of delays to the installation schedule.

### **11.6 Maintenance, Training, and Support Plans for the System**

The long term sustainability, as well as the necessary system maintenance and technical enhancements in any information technology project are largely dependent on the provision of appropriate training and technical support for municipal IT staff. The information technology infrastructure will be maintained and supported on a daily basis by municipal IT staff.

An important part of the RFQ documentation is maintenance and support that offerors propose.

Offerors should provide for availability of after-sale maintenance support, both during the warranty period and under any subsequently contracted maintenance service agreement, including the Locations of maintenance service and maximum response time for maintenance service if such information is available.

### **11.7 Warranty Requirements**

**The offeror must submit documentation describing the warranty coverage.**

Offerors are expected to provide information on:

- (1) manufacturer's standard warranty **should be for a minimum of three years from successful completion of the assignment for each item specified in Attachment E** and precisely what is covered by the warranty;
- (2) estimated annual cost of after-warranty service (at a service level equivalent to in-warranty service);

Warranty on the installed IT equipment must be valid in BiH and provided at the place of installation. Offers not honoring warranty in BiH at the place of installation will be rejected.

Offerors shall confirm that all supplied hardware is new, unused, of the most recent models present on the market and incorporates all recent improvements in design and materials.

Furthermore, the successful Offeror shall be responsible for repairing and/or replacing any defect in, or damage to, any part of the supplies which appear during the warranty period and which: a) result from the use of defective materials, faulty workmanship or design of the Vendor; or b) result from any act of omission of the Vendor during the warranty period; or c) appear in the course of an inspection made by, or on behalf of the Buyer.

The successful Offeror shall at its own cost, repair and/or replace any defects or damage within 3 days. The warranty period for all items replaced or repaired shall recommence from the date on which the replacement or repair was made to the satisfaction of the Buyer.

The successful Offeror shall also include a warranty covering the installation of the equipment. The warranty shall state the length of time after the Site Acceptance Test detailed in Section 10.8 that the Offeror will be accountable to the sustainability of the installed equipment.

#### **11.8 Factory Acceptance Test (FAT)**

All materials must be tested on the vendor's premises, prior to delivery to insure conformance to technical specifications and functioning normal parameters. Testing will be carried out at the vendor's facilities. As a result of testing the successful Offeror shall demonstrate that none of the hardware supplied has any defects arising from design, materials, or workmanship. This is in addition to standard required warranty.

#### **11.9 Site Acceptance Test (SAT)**

The successful Offeror shall be required to carry out a SAT after installation and before the hardware is handed over to the Buyer. The SAT program should be discussed and agreed with the Buyer before installation. The installation shall not be considered completed until the result of the SAT has shown the hardware fulfills the technical specifications of the equipment proposed by the Offeror.

#### **11.10 Descriptive Literature**

Descriptive literature for the items, including full technical specifications, must be submitted with each copy of the offer. This literature will be used to demonstrate the compliance with the specifications of the offer and will not be considered to amend the offer in any way. Deviations from the RFQ requirements included in the descriptive literature furnished by the Offeror must be clearly identified and fully explained. In case of any conflict between the specifications in the descriptive literature and specifications in the quotation, the specifications in the descriptive literature will be ignored, and the conflict noted.

### **11.11 Vendor's official offer**

Each offer must contain an official offer from the vendor showing in detail technical specification of the offered equipment.

### **11.12 Supervision**

GAP2 will appoint a supervisor who will monitor the delivery, installation and testing of the equipment.

# ATTACHMENT A

## **EVIDENCE OF RESPONSIBILITY**

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### **1. Authorized Negotiators**

\_\_\_\_\_ (Company Name) proposal for (Subcontract Name may be discussed with any of the following individuals. These individuals are authorized to represent Company Name in negotiation of this offer in response to RFQ No.

List Names of Authorized signatories for Subcontractor

These individuals can be reached at Company Name office:

Address

Telephone/Fax

Email address

### **2. Adequate Financial Resources**

Company Name has adequate financial resources to manage this contract, as established by our audited financial statements submitted in this proposal.

### **3. Ability to Comply**

Company Name is able to comply with the proposed delivery of performance schedule having taken into consideration all existing business commitments, commercial as well as governmental.

### **4. Record of Performance, Integrity, and Business Ethics**

Company Name record of integrity is outstanding, as shown in the Representations and Certifications. We have no allegations of lack of integrity or of questionable business ethics. Our integrity can be confirmed by our references in our Past Performance References, contained in the Technical Volume.

### **5. Organization, Experience, Accounting and Operational Controls, and Technical Skills**

(Subcontractor should explain which department will be managing the contract, type of accounting and control procedure they have to accommodate and Indefinite Delivery Indefinite Quantity type contract)

### **6. Equipment and Facilities**

(Subcontractor should state they have necessary facilities and equipment to carry out the contract)

**7. Eligibility to Receive Award**

(Subcontractor should state that they are qualified and eligible to receive an award under applicable laws and regulation and if they have performed work of similar nature under similar mechanisms for USAID or another client.)

**8. Commodity Procurement**

(Could be deleted if the subcontractor doesn't have this capacity or just provide a blurb if they do)

**9. Acceptability of Contract Terms**

(Subcontractor should state its acceptance of the proposed contract terms)

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

## Attachment B: Offeror's Summary Sheet

### I.

Name of Offeror:

Business License Number:

Address:

Telephone/Fax No.:

**II. Total Commodity Schedule Cost** BAM \_\_\_\_\_

**Delivery and Installation excl. VAT** BAM \_\_\_\_\_

*Other excl. VAT* BAM \_\_\_\_\_

**TOTAL COST excl. VAT** BAM \_\_\_\_\_

1. Description of Warranty (include name, address, and telephone number of the authorized in country service maintenance provider)

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2. Delivery time: \_\_\_\_\_ calendar days.

(Offerors are expected to propose an implementation schedule for delivery and installation of IT equipment). This shall in no case exceed 21 calendar days starting from the date of Purchase Order award. Vendors are encouraged to shorten delivery and installation period.

3. This quotation is valid for 30 calendar days from the date of signature below.

4. Three references able to comment on past performance in service and installation **of similar type and quantity of equipment as stated in Attachments E and F in due time:**

Reference Name and Company	Telephone Number	Email Address	Date of Performance	Value of Work Performed

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## Attachment C

### STATEMENT ON RULES ON SOURCE, ORIGIN AND NATIONALITY FOR COMMODITIES AND SERVICES FINANCED BY USAID

[CITE: 22CFR228.11], [CITE:22CFR228.14]

Hereby the Offeror certifies that:

He/she has thoroughly studied the Section 8. of this RFQ containing “Rules on Source, Origin, and Nationality for Commodities and services financed by USAID” [CITE: 22CFR228.11], [CITE:22CFR228.14] and his/her company \_\_\_\_\_ as well as all the components and commodities being offered in his/her Offer to this RFQ meet all required source, origin and nationality eligibility criteria as specified under Section 8 of this RFQ.

Name

Title

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Signature

Date

## Attachment D

### CAPABILITY STATEMENT

Hereby the Offeror \_\_\_\_\_ (Vendor name) certifies that it is:

- ✓ Capable of setting up and configuring the equipment quoted, as well as successful installing it at the required Locations within time limits required by GAP2. Installation may include physical connection to power supplies and networks and installation of system and network software. Capable of providing on-call service to GAP Partner **Municipalities Ilidza, Ilijas, Visko and Trnovo** within 24 hours of notification and able and willing to remain responsive to the Municipality throughout the installation and warranty periods,
- ✓ Capable, through the availability of sufficient spare parts, of providing repair within 3-days to hardware problems.

Name

Title

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Signature

Date

**Attachment E, Minimum Technical Requirements**

**IT requirements specified below present the minimum technical requirements.** Offeror must mark the compliance (i.e. yes/no/exceeds) of each item specified in the tables.

If an Offeror fails to provide affirmative compliance response to any item specified below or leaves the space empty, its offer shall be considered non-responsive and shall be excluded from further competition.

<b>Server CSC:</b>		<b>Vendor Compliance(Yes/No):</b>
<b>CPU:</b>	2 x Intel® Xeon® E5504, 2.0Ghz, 4MB Cache, 4.86 GT/s QPI	
<b>Chipset:</b>	Intel 5500 (Tylersberg)	
<b>Number of CPU:</b>	Up to two Dual Intel® 5500 series	
<b>RAM:</b>	4GB Memory for 2 CPUs, DDR3, 1066MHz (4x1GB Single Ranked UDIMMs) Up to 96GB	
<b>Raid controller:</b>	RAID Controller Card (256MB cache, battery backup)	
<b>Hard disk:</b>	4 x 146GB, SAS, 2.5-inch, 15K RPM Hard Drive (Hot Plug)	
<b>RAID setting:</b>	RAID 10	
<b>Optical drive:</b>	Minimum 16X DVD+/-RW ROM SATA Drive with SATA Cable	
<b>FDD:</b>	Floppy Disk Drive with USB interface	
<b>Backup Device:</b>	LTO 3 Tape Drive with SAS interface	
<b>I/O slots:</b>	5 PCIe Gen2 One full-height, full-length x16 link Three full-height, full-length x8 link One full-height, half-length x8 link 1 PCI-32 full-height , half-length	
<b>Graphics:</b>	Integrated, 16MB shared video memory	
<b>Network:</b>	One dual port embedded Broadcom® NetXtreme II™ 5709c	
<b>Power supply:</b>	Two Hot plug redundant PSUs -Energy Smart PSU (920W)	
<b>Keyboard:</b>	BH Keyboard and mouse	
<b>Chassis form factor:</b>	Tower or 5U rack-mount	
<b>Remote access card:</b>	Integrated management module and remote presence hardware key	
<b>Rack basel:</b>	Active ID Bezel Option for Rack Configuration	
<b>Monitor:</b>	17" Black Flat Panel Monitor High contrast ratio of 800:1 and up to 300cd/m <sup>2</sup> brightness for high-quality pictures 1280x1024 pixels for clear, sharp images	
<b>Warranty:</b>	Minimum 3 years parts/labor/on-site	

UPS for Servers		Vendor Compliance(Yes/No):
<b>Rating (VA/W):</b>	2200 VA / 1980 W	
<b>Format:</b>	Tower (Rackmount optional)	
<b>Architecture:</b>	On-line double conversion with automatic by-pass and power factor correction	
<b>Frequency ranges:</b>	40 to 70 Hz	
<b>Power Factor:</b>	0.9	
<b>Input:</b>	1 IEC C20 (16A) or terminal block on HotSwap MBP HW (Hard-Wired)	
<b>Outputs:</b>	8 IEC C13 (10A) sockets + 1 IEC C19 (16A) socket	
<b>Remotely controlled sockets:</b>	2 groups of 2 x IEC C13 (10A)	
<b>Typical backup times for 50 and 70% load:</b>	17 min / 12 min	
<b>Indicators and display:</b>	3 LEDs + turnable multilingual LCD-Display; access to control and set-up menus	
<b>Communication ports:</b>	1 USB port + 1 RS232 serial port and relay contacts 1 mini terminal block for remote ON/OFF and emergency stop	
<b>Communications card slots:</b>	1 slot for NMC Minislot card (optional)	
<b>Warranty:</b>	2 years	

UPS for PC		Vendor Compliance(Yes/No):
<b>Rating (VA/W):</b>	625 VA / 360 W	
<b>Architecture:</b>	Line interactiv with AVR	
<b>Input voltage:</b>	165 V to 280 V	
<b>Outputs:</b>	3 x IEC	
<b>Cables:</b>	2 x IEC cables	
<b>Surge protection:</b>	220 Joules	
<b>Data line protection:</b>	Protection for Telephone / Modem / Internet line, including ADSL	
<b>Battery monitoring:</b>	Battery replacement indicator (red LED)	
<b>Replaceable batteries:</b>	Access via the front panel	
<b>User interface:</b>	1 illuminated ON/OFF button, 1 fault and overload LED 1 battery fault LED + audible alarms	
<b>Power management port:</b>	USB + Software	
<b>Typical runtime:</b>	20 minutes	
<b>Warranty:</b>	2 years	

<b>NAS-Network Attached Storage</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Form Factor:</b>	Desktop	
<b>Internal Clock Rate:</b>	600 MHz	
<b>Memory Capacity:</b>	256 MB	
<b>LAN:</b>	10Base-T/100Base-TX/1000Base-TX	
<b>Protocols:</b>	SMB, NFS, FTP, CIFS, DHCP, NTP	
<b>Networking Compliant Standards:</b>	802.3ab, 802.3u, 802.3i	
<b>RAID Level:</b>	0, 1, 10, 5	
<b>Multimedia Server:</b>	UPNP and DLNA certified	
<b>Storage:</b>	4 x 1 TB 3.5" Serial ATA II	
<b>Web Management:</b>	SmartNAVI™, WebPASM™, One-Touch Backup	
<b>Interface:</b>	LAN: 1x (RJ-45) USB: 2x USB 2.0 (4-pin USB (type A)) e-SATA: 1x (7-pin SATA)	
<b>Warranty:</b>	1 year	

<b>PC with UPS and 17 inch LCD Display</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Processor:</b>	Intel Dual Core Processor E5400 2.7 GHz, 2MB L2 Cache, 800MHz Front Side Bus	
<b>Chipset:</b>	Intel G41 Express	
<b>Memory:</b>	4GB 1066Mhz DD3 Single Channel	
<b>Disk Controller:</b>	3 Channel Serial-ATA II Controller	
<b>Hard Drive:</b>	320GB Serial-ATA II (7200 rpm)	
<b>DVDRW:</b>	16x DVDRW Dual Layer	
<b>Video:</b>	Intel Graphics Media Accelerator X4500	
<b>Audio:</b>	High Definition Audio	
<b>Network:</b>	10/100/1000 Mbps	
<b>I/O slots:</b>	1xPCI Expressx16 1xPCI Expressx1 2xPCI slot	
<b>I/O Ports:</b>	Back: 4xUSB 2.0, 1xSerial, 2xPS/2, 3xAudio Front: 2xUSB 2.0, 2xAudio	
<b>Case:</b>	Minitower	
<b>Keyboard:</b>	USB with BiH Layout	
<b>Mouse:</b>	USB two buttons plus scroll	
<b>OS:</b>	Windows 7	
<b>Monitor:</b>	17" LCD Display	
<b>Warranty:</b>	3 years I/p/on-site	

<b>PC with UPS and 22 inch LCD Display</b>		<b>Vendor Compliance (Yes/No):</b>
<b>CPU:</b>	Intel® Core™2 Duo processor E7500 (3MB L2,1066MHz FSB)	
<b>Cache L2:</b>	Minimum 3MB Level 2 cache	
<b>RAM:</b>	4.0GB 800MHz Non-ECC DDR2 SDRAM (4*1,024MB DIMM) Memory Up to 8GB RAM	
<b>Hard disk:</b>	250GB (7,200 rpm) SATA2 3.0Gb/s Hard Drive	
<b>Expansion slots:</b>	2 full height PCI 1 PCIe x16 full height graphics, 1 PCIe x1 full height	
<b>Optical drive:</b>	16X DVD+/-RW Drive & SW Solution	
<b>External connectors:</b>	10 USB 2.0 ports, 2 front, 6 back & 1 internal Stereo in, stereo out, microphone, (front) headphone 1 VGA 1 parallel port 1 serial port	
<b>Number of bays:</b>	2 internal 3.5", 1 external 3.5", 2 external 5.25"	
<b>Graphics:</b>	NVIDIA® 9500 GT 512MB with DP/DVI-I	
<b>Audio:</b>	Integrated Audio	
<b>Speakers:</b>	Internal audio speakers	
<b>Network:</b>	Integrated® 10/100/1000	
<b>Power supply:</b>	280W 80% Efficiency (Auto-sensing),	
<b>Chassis form factor:</b>	Tower case	
<b>Keyboard:</b>	105-keys, USB desktop keyboard with Bosnian layout	
<b>Mouse:</b>	USB, optical mouse with scroll wheel and mouse pad	
<b>Operating system:</b>	WIN 7 Pro 32/ XP RDVD	
<b>Monitor:</b>	Panel Size: '22'wide 16:10 LCD, TCO5.0, Analog+DP(HDCP), 1680x1050,5ms,1000:1,160/160,250cd/m2, Tilt,Lift,Swivel, Pivot,EnergyStar5.0,EPEAT Gold	
<b>Warranty:</b>	Minimum 3 years parts/labor/on-site	

<b>Notebook I</b>		<b>Vendor Compliance(Yes/No):</b>
<b>CPU:</b>	Intel Core 2 Duo processor T6570	
<b>Cache L2:</b>	2MB L2 Cache	
<b>RAM:</b>	2GB (2x1) PC3-8500 DD3 SDRAM	
<b>Hard disk:</b>	160GB Serial-ATA (7200rpm) hard disk with sensor fall	
<b>Optical drive:</b>	8x DVD±R/±RW Double-Layer drive	
<b>Graphics:</b>	Intel Graphics Media Accelerator 4500MHD	
<b>Audio:</b>	High Definition audio, stereo speakers, microphone	
<b>Network:</b>	10/100 Gigabit network adapter	
<b>Wireless network:</b>	Wireless 802.11b/g network adapter	
<b>Bluetooth:</b>	Bluetooth adapter	
<b>Battery:</b>	Li-Ion battery AC adapter	
<b>Keyboard:</b>	BH layout, integrated Touch Pad	
<b>Connectors:</b>	3x USB 2.0, 1x VGA, 1x S-Video, 1x IEEE1394 (firewire), 1x headphone, 1x microphone 1x HDMI, 1xeSATA	
<b>Operating system:</b>	Windows 7 with media	
<b>Display:</b>	15.6" LED HD Glossy Display	
<b>Warranty:</b>	Minimum 3 years parts/labor/on-site	

<b>Notebook II</b>		<b>Vendor Compliance(Yes/No):</b>
<b>CPU:</b>	Intel Core 2 Duo processor T5870 2.0GHz / 2MB L2 Cache / 800MHz FSB	
<b>Cache L2:</b>	2MB L2 Cache	
<b>Chipset:</b>	Intel 965GM Express chipset	
<b>RAM:</b>	4GB (2x1) 667MHz Dual Channel DDR2 RAM memory	
<b>Hard disk:</b>	250GB Serial-ATA (7200rpm) hard disk with sensor fall	
<b>Optical drive:</b>	8x DVD±R/±RW Double-Layer drive	
<b>Graphics:</b>	Non Integrated graphic card with min 256	

	MB RAM	
<b>Audio:</b>	High Definition audio, stereo speakers, microphone	
<b>Network:</b>	10/100/1000Mbps Gigabit network adapter	
<b>Wireless network:</b>	Wireless 802.11b/g network adapter	
<b>Bluetooth:</b>	Bluetooth adapter	
<b>Connectors:</b>	4x USB 2.0, 1x VGA, 1x S-Video, 1x IEEE1394 (firewire), 1x headphone, 1x microphone 1x Express Card slot 54 8-in-1 Combo Card reader (Memory Stick, SD, SDIO, SDHC, SDHD, MS, MS Pro, MMC, XD)	
<b>Operating system:</b>	Windows XP SP3 with media	
<b>Display:</b>	17" WXGA+ Wide TFT display (1440 x 900), with integrated camera 1.3M pixels	
<b>Warranty:</b>	Minimum 3 years parts/labor/on-site	

<b>External Hard Drive 1TB</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Hard Drive Type:</b>	Portable External	
<b>Form Factor:</b>	2.5"	
<b>Storage Capacity:</b>	1000000 MB	
<b>Supports Data Channel:</b>	USB 2.0	
<b>Installed Cache Memory:</b>	16 MB	
<b>Rotational Speed:</b>	5400 rpm	
<b>External Data Bit Rate:</b>	480 Mbps	
<b>USB2.0 Interface Quantity:</b>	1	
<b>Network:</b>	Ethernet	
<b>Warranty:</b>	5 years	

<b>RAM for ML350 G4</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Size:</b>	4GB	

<b>Hard Drive for ML350 G4</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Capacity:</b>	1TB	

<b>LTO Tapes</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Description:</b>	LTO3 Tapes for HP Tape Device	

Equipment Distribution List:

1	PC with UPS and 17" Monitor	10
2	PC with UPS and 22" Monitor	4
3	CSC Server	1
4	UPS for PC	24
5	UPS for Server	2
6	External Hard Drive	5
7	NAS	1
8	Notebook Computer I	2
9	Notebook Computer II	1
10	4GB Memory Module for ML350 G4	6
11	1TB Hard Disk for ML350 G4	1
12	LTO3 Tapes	8

**Attachment F: Commodity Schedule with Specifications**

	Item	Unit Price (BAM)	Quantity	Total (BAM)	Place of Manufacture (origin)
1.	PC with UPS and 17" Monitor		10		
2.	PC with UPS and 22" Monitor		4		
3.	CSC Server		1		
4.	UPS for PC		10		
5.	UPS for Server		2		
6.	External Hard Drive		5		
7.	NAS		1		
8.	Notebook Computer I		2		
9.	Notebook Computer II		1		
10.	4GB Memory Module for ML350 G4		6		
11.	1TB Hard Disk for ML350 G4		1		
12.	LTO3 Tapes		8		
13.	Delivery and Installation				

**TOTAL BAM (excl. VAT):** \_\_\_\_\_

## **Attachment G**

### **Statement of Work (SOW): Installation**

*(All must be completed)*

- 1) The Subcontractor is responsible for the installation of the hardware and software as included in the Attachment E/F. The Installation Statement of Work includes:**
  - a. Physical placement of equipment according to the request of an authorized Buyer representative.
  - b. System Hardware/Software installation.
  - c. System start-up.
  - d. Conducting a full test, to assure the operation of the installed equipment.
  - e. Conducting a full test, to assure the operation of the software.
  
- 2) The Subcontractor is responsible for installing the system at the following Locations:**

	<b>Municipality</b>	<b>Adress</b>	<b>Tel/Fax</b>
1	Ilidza	Samira Catovica Kobre br. 1	033/763-360
2.	Ilijas	126 Ilijaske Brigade br. 6	033/400-505
3	Visoko	Alije Izetbegovica 12A	032/738-111
4	Trnovo	Trnovskog Bataljona 86	057/610-237

**The following represents the equipment schedule per the above stated locations :**

#	<b>Item</b>	<b>Qty</b>	<b>Ilidza</b>	<b>Ilijas</b>	<b>Trnovo</b>	<b>Visoko</b>
1	PC with UPS and 17" Monitor	10		10		
2	PC with UPS and 22" Monitor	4		4		
3	CSC Server	1		1		
4	UPS for PC	10		10		
5	UPS for Server	2	1	1		
6	External Hard Drive	5		2	2	1
7	NAS	1				1
8	Notebook Computer I	2				2
9	Notebook Computer II	1			1	
10	4GB Memory Module for ML350 G4	6	6			
11	1TB Hard Disk for ML350 G4	1	1			
12	LTO3 Tapes	8	8			

- 3) **Hardware installation shall start no later than 21 calendar days after notifying the Subcontractor.**
- 4) **The Subcontractor is solely responsible for all costs associated with installation. All materials and personnel required for installation shall be furnished by the subcontractor.**
- 5) **Signature on an INSTALLATION COMPLETION CERTIFICATE is required from an authorized Buyer' designated GAP staff member.**

          (insert name of company)           (Subcontractor) agrees wholly and completely to comply with the terms and conditions of this Installation Statement of Work (A).

\_\_\_\_\_  
SIGNATURE OF AUTHORIZED REPRESENTATIVE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
NAME AND TITLE