

## **REQUEST FOR QUOTATION**

**RFQ Number: GAPII-H-09-84**

### **IT Equipment for GAP Partner Municipality Vareš**

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: Edina Hadziahmetovic, Kalesijska 14, 71000 Sarajevo

Email: [ehadziahmetovic@bihgap.ba](mailto:ehadziahmetovic@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.

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**1. OFFER DEADLINE**

Offers must be received no later than **14:00 h BiH local time on November 20, 2009.**

**2. REPLY TO**

Three copies of your offer must be identified with RFQ # **GAPII-H-09-84** submitted in a sealed envelope to the GAP2 project office located at 14, Kalesijska 71000 Sarajevo, BiH, attn: Ms. Edina Hadziahmetovic, Procurement and Contracting Specialist.

**3. LOCATION OF DELIVERY AND INSTALLATION**

All equipment shall be delivered and installed at the following municipal address hereinafter referred to as 'Location': **Municipality Vareš , Ulica Zvijezda 34, 71330 Vareš.**

**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 Location 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 30.06.2009 (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 should 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) and ehadziahmetovic@bihgap.ba with a subject "GAPII-H-09-84" and the name of the company, contact person and contact information.

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

1.	RFQ Released	<b>November 6, 2009</b>
2.	Registration for notices	<b>November 12, 2009</b>
3.	Deadline for written questions/clarifications	<b>November 13, 2009</b>
4.	Answers provided for questions/clarifications	<b>November 16, 2009</b>
5.	Quotation due date	<b>November 20, 2009 at 14:00</b>
6.	Decision	<b>November 23, 2009</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,

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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 Location.** 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 Location 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 must 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:

- i. All computer equipment must run the Windows XP SP3 platform and support Microsoft programs. In cases that Offeror is unable to provide Windows XP SP3 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

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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"

## 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 **Municipality Vareš , Ulica Zvijezda 34, 71330 Vareš.** within **15 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 Location assigned by an authorized Buyer representative. Attachment G ("Statement of Work: Installation") describes the required components of the installation in BiH and the respective Location 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 Location 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)

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**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)

\_\_\_\_\_  
 \_\_\_\_\_

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 **15 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 Municipality **Vareš , Ulica Zvijezda 34, 71330 Vareš** 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.

Server CSC:		Vendor Compliance(Yes/No):
CPU:	2 x Intel® Xeon® E5504, 2.0Ghz, 4MB Cache, 4.86 GT/s QPI	
Chipset:	Intel 5520 (Tylersberg)	
Number of CPU:	Up to two Dual Intel® 5500 series	
RAM:	4GB Memory for 2 CPUs, DDR3, 1066MHz (4x1GB Single Ranked UDIMMs) Up to 96GB	
Raid controller:	PERC 6/i Internal RAID Controller Card (256MB cache, battery backup)	
Hard disk:	4 x 146GB, SAS, 3.5-inch, 15K RPM Hard Drive (Hot Plug)	
RAID setting:	RAID 10	
Optical drive:	Minimum 16X DVD+/-RW ROM SATA Drive with SATA Cable	
FDD:	3.5" Internal Floppy Disk Drive	
Backup Device:	LTO Tape Drive	
I/O slots:	5 PCIe Gen2 Two full-height, full-length x8 link Three full-height, half-length x4 link	
Graphics:	Integrated, 8MB shared video memory	
Network:	One dual port embedded Broadcom® NetXtreme II™ 5709c	
Power supply:	Two Hot plug redundant PSUs -Energy Smart PSU (570W)	
Keyboard:	BH Keyboard and mouse	
Chassis form factor:	Tower or 5U rack-mount	
Remote access card:	Remote Access Card, 5th Generation for Remote Management	
Rack base:	Active ID Bezel Option for Rack Configuration	
Monitor:	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	
Warranty:	Minimum 3 years parts/labor/on-site	

UPS for Servers		Vendor Compliance(Yes/No):
UPS 2200VA Online	Input/output:220/230/240V Frequency: 50-60Hz	
Number of plugs	Min 6	

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Server Urbanism:		Vendor Compliance(Yes/No):
<b>CPU:</b>	2 x Intel® Xeon® E5504, 2.0Ghz, 4MB Cache, 4.86 GT/s QPI	
<b>Chipset:</b>	Intel 5520 (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>	PERC 6/i Internal RAID Controller Card (256MB cache, battery backup)	
<b>Hard disk:</b>	4 x 300GB, SAS, 3.5-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>	3.5" Internal Floppy Disk Drive	
<b>I/O slots:</b>	5 PCIe Gen2 Two full-height, full-length x8 link Three full-height, half-length x4 link	
<b>Graphics:</b>	Integrated, 8MB shared video memory	
<b>Network:</b>	One dual port embedded Broadcom® NetXtreme II™ 5709c Gigabit	
<b>Power supply:</b>	Two Hot plug redundant PSUs -Energy Smart PSU (570W)	
<b>Keyboard:</b>	BH Keyboard and mouse	
<b>Chassis form factor:</b>	Tower or 5U rack-mount	
<b>Remote access card:</b>	Remote Access Card, 5th Generation for Remote Management	
<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 5ms response time reduces smearing and ghosting	
<b>Warranty:</b>	Minimum 3 years parts/labor/on-site	

<b>Server Finance:</b>		<b>Vendor Compliance(Yes/No):</b>
<b>CPU:</b>	Intel® Xeon® E5504, 2.0Ghz, 4MB Cache, 4.86 GT/s QPI	
<b>Chipset:</b>	Intel 5520 (Tylersberg)	
<b>Number of CPU:</b>	Up to two Dual Intel® 5500 series	
<b>RAM:</b>	2GB Memory for 2 CPUs, DDR3, 1066MHz (2x1GB Single Ranked UDIMMs) Up to 96GB	
<b>Raid controller:</b>	PERC 6/i Internal RAID Controller Card (256MB cache, battery backup)	
<b>Hard disk:</b>	2 x 146GB, SAS, 3.5-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>	3.5" Internal Floppy Disk Drive	
<b>I/O slots:</b>	5 PCIe Gen2 Two full-height, full-length x8 link Three full-height, half-length x4 link	
<b>Graphics:</b>	Integrated Matrox G200 , 8MB shared video memory	
<b>Network:</b>	One dual port embedded Broadcom® NetXtreme II™ 5709c Gigabit	
<b>Power supply:</b>	Two Hot plug redundant PSUs -Energy Smart PSU (570W)	
<b>Keyboard:</b>	BH Keyboard and mouse	
<b>Chassis form factor:</b>	Tower or 5U rack-mount	
<b>Remote access card:</b>	Remote Access Card, 5th Generation for Remote Management	
<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 5ms response time reduces smearing and ghosting	
<b>Warranty:</b>	Minimum 3 years parts/labor/on-site	

Desktop – CSC / Back Office PC / Finance		Vendor Compliance(Yes/No):
<b>CPU:</b>	Intel Core 2 Duo procesor E5200 2.2GHz, 1MB L2 Cache, 800MHz FSB	
<b>Cache L2:</b>	Minimum 1MB Level 2 cache	
<b>RAM:</b>	1.0GB 667MHz Non-ECC DDR2 SDRAM (1*1,024MB DIMM) Memory Up to 4GB RAM	
<b>Hard disk:</b>	160GB (7,200 rpm) SATA Hard Drive	
<b>Expansion slots:</b>	2 low-profile PCI 1 low-profile PCIe x16 graphics	
<b>Optical drive:</b>	16X DVD+/-RW Drive & SW Solution	
<b>External connectors:</b>	8 USB 2.0 ports, 2 front, 6 back  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>	Intel® Graphics Media Accelerator 3100	
<b>Audio:</b>	Integrated Audio	
<b>Speakers:</b>	Internal audio speakers	
<b>Network:</b>	Integrated® 10/100/1000	
<b>Power supply:</b>	255W 85PLUS	
<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>	Windows XP SP3 with media	
<b>Monitor:</b>	17" Black Flat Panel Monitor	
<b>Warranty:</b>	Minimum 3 years parts/labor/on-site	
<b>UPS:</b>	Min 350 VA	

Desktop – Urbanism PC		Vendor Compliance (Yes/No):
<b>CPU:</b>	Intel Core 2 Duo procesor E7200 2.53GHz, 3MB L2 Cache, 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>	9 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>	VGA Asus 512MB EN8500GS Silent/HTP	
<b>Audio:</b>	Integrated Audio	
<b>Speakers:</b>	Internal audio speakers	
<b>Network:</b>	Integrated@ 10/100/1000	
<b>Power supply:</b>	255W 85PLUS	
<b>Chassis form factor:</b>	Mini 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>	Microsoft Windows Vista SP1 with downgrade to Windows XP SP3	
<b>Monitor:</b>	Panel Size: 22" Panel Type: TN - Twisted Nematic Maximum Resolution: 1680 x 1050 Contrast Ratio: 1000:1 (typical) Brightness: 300 cd/m <sup>2</sup> (typical) Response Time: 5 ms (typical) Viewing Angle: 160° / 170° (typical) Color Support: 16.7 million colors Pixel Pitch: 0.282 mm	
<b>Warranty:</b>	Minimum 3 years parts/labor/on-site	

<b>LaserJet Printer</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Pages</b>	Min. 26 pgs./min	
<b>Automatic Duplex</b>	Yes	
<b>Resolution</b>	Up to 1200 dpi * 1200 dpi	
<b>Memory</b>	Min. 32 MB	
<b>Drum</b>	Min 15000 pages	
<b>Interface</b>	USB 2.0	
<b>First page out</b>	< 9 Seconds	

<b>LaserJet Printer/Network</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Pages</b>	Min. 26 pgs./min	
<b>Automatic Duplex</b>	Yes	
<b>Resolution</b>	Up to 1200 dpi * 1200 dpi	
<b>Memory</b>	Min. 32 MB	
<b>Drum</b>	Min 15000 pages	
<b>Interface</b>	USB 2.0, network	
<b>First page out</b>	< 9 Seconds	

<b>All-in-One</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Black Print Speed</b>	Up to 20 ppm	
<b>Black Print Resolution</b>	Up to 600 x 600 dpi	
<b>Resolution (Scan/Copy)</b>	4800 dpi / 600 dpi	
<b>Scanner Input Type</b>	Flatbed, ADF	
<b>Print/Scan to USB Flash</b>	Yes	
<b>Fax Capability</b>	Yes	
<b>Fax Transmission Speed</b>	Min 2.5 sec per page	
<b>Copy Capability</b>	Yes	
<b>Copy Speed</b>	Up to 20 cpm	
<b>Connectivity</b>	USB 2.0, RJ-11 Fax Port	
<b>Other</b>	Aroma Diffuser (optional upgrade)	

<b>Copy Machine</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Pages</b>	Min. 20 pgs./min	
<b>Copying</b>	Continuous copy from 1 to 99 copies	
<b>Paper Size</b>	A4	
<b>First Page Out</b>	7.5 Sec	
<b>Memory</b>	Min. 128 MB	
<b>Drum</b>	Min. 80000	
<b>DADF</b>	Yes	
<b>Interface</b>	USB 2.0 , Parallel, Network 10/100	

<b>Scanner A4</b>		<b>Vendor Compliance(Yes/No):</b>
<b>Scan type</b>	Flatbed	
<b>Scan speed</b>	4 sec in preview mode	
<b>Resolution</b>	4800 dpi * 4800 dpi	
<b>File format</b>	Windows: BMP, JPEG, TIFF, TIFF compressed, PNG, PCX, Flashpix (FPX), PDF, PDF searchable, RTF, HTM, TXT; Macintosh: TIFF, PICT, JPEG, GIF, FlashPix, Plain Text, PDF, HTML, Rich Text	
<b>Interface</b>	USB 2.0 , Parallel, Ethernet Port	
<b>Maximum scan size</b>	21.6 x 35.6 cm	

<b>UPS for PC</b>		<b>Vendor Compliance(Yes/No):</b>
UPS 350VA Online	Input/output:220/230/240V Frequency: 50-60Hz	
Number of plugs	Min 2	

Equipment Distribution List:

1	Desktop – CSC PC	10
2	Desktop – Back Office PC/Finance	8
3	Desktop – Urbanism PC	5
4	LaserJet Printer	1
5	Network Printer	4
6	Scanner A4	2
7	All-in-One	1
8	Copy Machine	1
9	Server CSC	1
10	Server Finances	1
11	Server Urbanism	1
12	UPS (min 2,5 KW)	1
13	PC UPS 350 VA	5

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Release date: Nov 6, 2009

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## Attachment F: Commodity Schedule with Specifications

	Item	Unit Price (BAM)	Quantity	Total (BAM)	Place of Manufacture (origin)
1.	Desktop – CSC PC		10		
2.	Desktop – Back Office PC/Finance		8		
3.	Desktop – Urbanism PC		5		
4.	LaserJet Printer		1		
5.	Network Printer		4		
6.	Scanner A4		2		
7.	All-in-One		1		
8.	Copy Machine		1		
9.	Server CSC		1		
10.	Server Finances		1		
11.	Server Urbanism		1		
12.	UPS (min 2,5 KW)		1		
13.	PC UPS 350 VA		5		
14.	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 Location: Municipality Vareš , Ulica Zvijezda 34, 71330 Vareš.**

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

	Item	Qty
1	Desktop – CSC PC	10
2	Desktop – Back Office PC/Finance	8
3	Desktop – Urbanism PC	5
4	LaserJet Printer	1
5	Network Printer	4
6	Scanner A4	2
7	All-in-One	1
8	Copy Machine	1
9	Server CSC	1
10	Server Finances	1
11	Server Urbanism	1
12	UPS (min 2,5 KW)	1
13	PC UPS 350 VA	5

