



EUROPEAN UNION

Delegation of the European Union to Bosnia and Herzegovina

Sarajevo, April 2016

CORRIGENDUM No. 1 to the TENDER DOSSIER

EuropeAid/137646/DH/SUP/BA; EC/BiH/TEN/15/016

Subject: Police Data Management and Protection

1. The following changes are made in the tender dossier, Instructions to tenderers:

- Article 2, following dates are changed. Now they read:

Timetable

	DATE	TIME*
Deadline for requesting clarifications from the Contracting Authority	19 April 2016	16:00
Last date on which clarifications are issued by the Contracting Authority	29 April 2016	-
Deadline for submission of tenders	10 May 2016	12:00
Tender opening session	10 May 2016	14:00

- Submission of tender date in Article 10.3, is changed. The new date is **10 May 2016 at 12:00 CET**.
- Opening of tenders date in Article no. 19.2 is changed. The new date is **10 May 2016, at 14:00 CET**.

2. Please find attached Annex I: GENERAL CONDITIONS FOR SUPPLY CONTRACTS (annex provided in PDF format)

3. The following changes are made in the tender dossier, Annex II + III: Technical specifications, Lot 2:

The following sub requirements in Items no. 2.10 Server 1; 2.11 Server 2; 2.12 Server 3; 2.13 Server 4; 2.15 Storage 2; 2.16 Storage 3; 2.18 SAN Storage 5; 2.19 San Storage 6; 2.21 San switch and 2.27 Network Switch 1, now read (changes marked in red letters):

Item number	Specifications Required
2.10 QTY: 5 pcs	Server 1: Rack mount server Power supply and fans: min. two hot swap redundant power supply modules with min. 600W each, including two or more hot swap and redundant fans
2.11 QTY: 7 pcs	SERVER 2 Power supply: min. two hot swap redundant power supply modules with min. 750W each.
2.12 QTY: 3 pcs	SERVER 3 Power supply: min. two hot swap redundant power supply modules with min. 550W each.
2.13 QTY: 14 pcs	SERVER 4 Power: min. two hot swap redundant power supply modules with min. 450W each.
2.15 QTY: 1 pcs	Storage 2 Raid levels: RAID 0,1,5,6 and 10.

Item number	Specifications Required
2.16 QTY: 1 pcs	Storage 3 - Min 2 x CPUs per controller included or min. 1x industry standard CPU + 1x ASIC per controller - Min 4 x 8Gb FC ports included per controller
2.18 QTY: 1 pcs	SAN Storage 5: Connectivity: fiber channel connectivity, min. 1x16 GB FC, 1x8GB FC, 1x10 Gbe per controller
2.19 QTY: 2 pcs	SAN Storage 6 Dual controller storage Connectivity ports: min. 1x8GB FC, 1xGbE iSCSI per controller
2.21 QTY: 4 pcs	SAN Switch Fiber channel cables: fiber channel cables: min. 24x LC/LC multi-mode FC cables, length 1.5m-5m
2.27 QTY: 7	Network Switch 1 Managed - uplink min. 4 x10 GbE (SFP+) ports with compatible transceivers

4. **The following changes are made in the tender dossier, Annex II + III: Technical specifications, Lot 3:**

The following sub requirements in Items no. 3.1 Network scanner; 3.5 Thin client computer; 3.8 Notebook 2; 3.10 Tablet, now read **(changes marked in red letters)**:

Item Number	Specifications Required
3.1 QTY: 3	Network scanner Authentication - Smart card or other mechanism as long as it uses central LDAP v3 repository.
3.5 QTY: 25	1 Thin client computer SSD : Minimum 2 GB or SLC min. 4 GB;
3.8 QTY: 15	Notebook 2 Storage: Minimum 512GB SATA-3 Solid State Drive Keyboard: Spill-resistant keyboard and drain
3.10 QTY: 30 pcs	Tablet Battery: min. 6000mAh (minus 3-4% tolerance)

5. The following changes are made in the tender dossier, Annex II + III: Technical specifications, Lot 4:

The following sub requirement in Item no. 4.1 Server room renovation, 4.3 Server room fire suppression system 2; 4.4 Professional air conditioning, now read (changes marked in red letters):

Item Number	Specifications Required
4.1 QTY: 1	<p>Server room renovation</p> <ul style="list-style-type: none"> Installation of the new raised floor area of 38 m² with an entrance metal ramp. Raised conductive floor is 30 cm high with a steel suspension constructions and boards size (60 * 60 cm – height min 38,5 mm). Raised floor panels are made of calcium sulphate and must comply with minimum 6A capacity category or minimum 9 kN ie. 917 kg / panels surface area of raised-floor. This raised floor is able to withstand all the static requirements of modern server rooms with high-density rack cabinets and storage systems. The final layer provides antistatic characteristic whose resistance is $5 \cdot 10^4 \leq R_t \leq 10^6$. By using such a floor it is possible to place all of the power cables in channels below the raised floor and low voltage cables (network, system of technical protection). The raised conductive floor must be grounded with PF cable cross section 16 mm² through grounding in the control cabinet located in the server room.
4.3 QTY 1	<p>Server room fire suppression system 2</p> <ul style="list-style-type: none"> The system must contain following : <ul style="list-style-type: none"> to provide transmission of the state of the system to reception of the building and offer repeater terminal to provide overpressure flaps to provide pipes and fitting that are certified to the pressure of 90 bar to provide amount of agents for extinguishing according to the ISO 14520 standard to provide detectors with remote indicators and nozzles for suspended ceiling and raised floor to provide ASD Control unit will be installed aprox. 50m from the server room. <p>Full system installation.</p> <p>User training for 2 persons.</p>
4.4 QTY: 1	<p>Professional air conditioning</p> <ul style="list-style-type: none"> Ceiling Model - SUPER DIGITAL INVERTER (2 pcs.) with the following technical characteristics: <ul style="list-style-type: none"> Cooling capacity (cooling): Min. 14 kW Range of performance (cooling): 2,6-16 kW Power supply: Max. 400V AC Fusing: Max. 3x20 A Air power: Max. 2040 m³/h Sound pressure level (cooling): Max 46 dB(A) Sound power level (cooling): Max. 61 dB(A) Pipe length: Max. 75 m Height difference (outdoor unit higher/lower): 30 m Refrigerant, charged: Max. 3,10 kg DIGITAL INVERTER - OUTDOOR UNIT (2 pcs.) with the following technical characteristics: <ul style="list-style-type: none"> Cooling capacity (cooling): Min. 14 kW

Item Number	Specifications Required
	<ul style="list-style-type: none"> ○ Range of performance (cooling): 3-16 kW ○ Power supply: Max. 230V AC ○ Fusing: Max. 32 A ○ Air power: Max. 6180 m3/h ○ Sound pressure level (cooling): Max 51 dB(A) ○ Sound power level (cooling): Max. 68 dB(A) ○ Pipe length: Max. 50 m ○ Height difference (outdoor unit higher/lower): 30 m ○ Refrigerant, charged: Max. 3,10 kg

6. The following list of institutions for delivery and distribution list is added to the tender dossier, Annex II + III: Technical specifications

LOT 1: SW solution for improvement of Electronic Data Exchange System

Item	Type	Institutions for delivery	Qty
1.1	Central Server For Data Exchange – CS4DE	DKPT ¹	1
1.2	Security Server For Data Exchange – SS4DE	FPA ² , MoI of RS ³ , PBD ⁴ , VSTV ⁵ , SIPA ⁶ , GP ⁷ , SPS ⁸	7
1.3	Application For Using Web Services - A4WS		1

LOT 2: Server, storage systems and network equipment

¹ Directorate for Coordination of Police bodies

² Federation Police Administration

³ Ministry of Interior of Republika Srpska

⁴ Brcko District Police

⁵ High Judicial and Prosecutorial Council

⁶ State Investigation and Protection Agency

⁷ Border Police

⁸ Service of Foreigner Affairs

Item	Type	Institutions for delivery	Qty
2.1	Blade chassis	VSTV	1
2.2	Blade server	VSTV	3
2.3	Blade infrastructure	GP	1
2.4	Blade Server	GP	6
2.5	Blade infrastructure management SW	GP	1
2.6	Storage system	GP	1
2.7	Rack	GP	1
2.8	Pre-Installation services	GP	1
2.9	Support services	GP	1
2.10	Server 1	DKPT	3
		MoI of RS	2
2.11	Server 2	SIPA	2
		MoI of RS	5
2.12	Server 3	SIPA	3
2.13	Server 4	FPA	10
		PBD	3
		SPS	1
2.14	NAS storage 1	SPS	2
2.15	Storage 2	SIPA	1
2.16	Storage 3	DKPT	1
2.17	NAS storage 4	FPA	11
		MoI of RS	6
2.18	SAN Storage 5	FPA	1
2.19	SAN Storage 6	MoI of RS	2
2.20	Server rack	FPA	3
2.21	SAN Switch	FPA	2
		MoI of RS	2
2.22	Firewall 1	PBD	1
2.23	Firewall 2	FPA	11
		MoI of RS	6
2.24	Firewall 3	FPA	50
		SPS	18
		MoI of RS	30
2.25	Firewall 4	SIPA	1
2.26	Training for firewall 2 and firewall 3	FPA	15
		SPS	1
		MoI of RS	10
2.27	Network Switch 1	FPA	2
		SIPA	3
		MoI of RS	2
2.28	Network Switch 2	PBD	3
		MoI of RS	10
2.29	Network Switch 3	PBD	1

LOT 3: Computer(s) and other equipment

Item	Type	Institutions for delivery	Qty
3.1	Network Scanner	PBD	3
3.2	Monitor	PBD	80
		MoI of RS	100
3.3	Desktop computer	PBD	20
		MoI of RS	100
3.4	Notebook 1	PBD	5
		MoI of RS	20
3.5	Zero or Thin Client	PBD	25
3.6	UPS	PBD	1
		MoI of RS	1
		FPA	2
3.7	UPS 2	MoI of RS	6
3.8	Notebook 2	FPA	15
3.9	External Hard Drive with built in Wi-Fi	FPA	15
3.10	Tablet	MoI of RS	30
3.11	Multifunction instrument	FPA	2
3.12	Network Toolkit	FPA	11
		MoI of RS	10
3.13	PC Toolkit	FPA	22
		MoI of RS	10
3.14	Label printer	FPA	10
		MoI of RS	7

LOT 4: Server room equipping

Item	Type	Institutions for delivery	Qty
4.1	Server room renovation	FPA	1
4.2	Server room fire suppression system	FPA	1
4.3	Server room fire suppression system 2	MoI of RS	1
4.4	Professional air conditioning	FPA	1
4.5	Video Surveillance and Access Control System	FPA	1
4.6	System for the microclimate monitoring in IT cabinets	FPA	1

LOT 5: Software and licenses

Item	Type	Institutions for delivery	Qty
5.1	Servers virtualization	SIPA	2
		DKPT	1
5.2	Servers virtualization training	SIPA	2
		DKPT	5
		SPS	1
		FPA	5
5.3	Security information event manager	SIPA	1
5.4	Network Monitoring Software	SIPA	1
		SPS	1
5.5	Terminal server/VDI infrastructure	PBD	1
5.6	Backup system 1	SIPA	1
5.7	Training for backup system 1	SIPA	2
5.8	Backup system 2	PBD	1
5.9	Backup system 3	FPA	1
5.10	Backup system 4	MoI of RS	1
5.11	Training for backup system 4	MoI of RS	5

FPA (FUP + 10 Cantonal MoI) Distribution list

Institution	Address
Federalna uprava policije	Mehmeda Spahe 7, 71000 Sarajevo, BiH
MUP Unsko-sanskog kantona	502 V.br.brigade br. 2, 77000 Bihać, BiH
MUP Zeničko-dobojskog kantona	Trg BiH 6, 72000 Zenica, BiH
MUP Srednjobosanskog kantona	Aleja konzula bb, 72270 Travnik, BiH
MUP Zapadno-hercegovačkog kantona	Kralja Zvonimira 1, 88320, Ljubuški, BiH
MUP Hercegovačko-neretvanskog kantona	Brune Bušića 6, 88101 Mostar, BiH
MUP Kantona Sarajevo	La Benevolencije 16, 71000 Sarajevo, BiH
MUP Posavskog kantona	III ulica 21, 76270 Orašje, BiH
MUP Bosansko-podrinjskog kantona	Zaima Imamovića 5, 73101, Goražde, BiH
MUP Tuzlanskog kantona	Turalibegova bb, 75000 Tuzla, BiH
MUP Kantona 10	Silvija Strahimira Kranjčevića 8, 80101 Livno, BiH

Type	Total quantity	Federalna uprava policije	Each Cantonal MoI (x10)
SS4DE	1	1	-
Server 4	10	-	1
NAS Storage 4	11	1	1
SAN Storage 5	1	1	-
Server Rack	3	3	-
SAN Switch	2	2	-
Firewall 2	11	1	1
Firewall 3	50	10	4
Network Switch 1	2	2	-
Notebook 2	15	15	-
External Hard Drive with built in Wi-Fi	15	15	-
UPS 1	2	2	-
Network toolkit	11	1	1
PC Toolkit	22	2	2
Label printer	10	-	1
Multifunction instrument	2	2	-
LOT 4	All for FPA	1	-
Backup System 3	1	1	-
LOT 8	All for FPA	1	-

7. NOTE: For the easier handling, changes in items stated in this Corrigendum for Lots 2, 3 and 4 are incorporated into the attached tables. **The tenderer is obliged to use tables for these three Lots affected with Corrigendum when preparing the offer.**

8. The following changes are made in the tender dossier, Tender form for a supply contract, Annex 1:

Originally attached Declaration of honour on exclusion and selection criteria, Form a.14 version 15 January 2016, is replaced with the Declaration of honour on exclusion and selection criteria, Form a.14, version March 2016 attached to this Corrigendum no 1 to the Tender Dossier.

9. All other terms and conditions of the tender dossier remain unchanged. The above alteration and/or corrections are integral part of the tender dossier.

Yours sincerely,

Dimitrios Kalogeras

Head of Contracts, Finance and Audit Section