

Supply of equipment for integration of Financial Management Informatics System
of the State Treasury and budget users

PHARE 2006

Questions and Answers

EuropeAid/125938/D/SUP/HR

Questions and answers

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1. Publication reference

EuropeAid/125938/D/SUP/HR

2. Procedure

Open

3. Programme

PHARE 2006

4. Financing

Croatia 2006 Phare National Programme

5. Contracting authority

Central Finance and Contracting Agency

QUESTIONS	ANSWERS
<p>Date: 24th September 2008</p> <p>1. Technical Specifications Items No 1, 2, 4, 5, 6, 7 and 8, PCI Slots specification. 2 x PCI-E are requested.</p> <p>Does this request refer to mezzanine slot?</p> <p>2. Technical Specifications Items No 3, PCI Slots specification 1 x PCI-E x8 and 1 x PCI-E x4 are requested.</p> <p>Is this correct request, i.e. are 2 x PCI-E x8 requested or 1 x PCI-E x8 and 1 x PCI-E x4 are requested?</p> <p>3. Technical Specifications Items No 1, 2, 3, 4, 5, 6, 7 and 8, Security specification Power-on password, Keyboard password, Diskette drive control, Diskette boot control, Parallel and serial interface control, Administrator's password and Disk configuration lock are requested.</p> <p>Only Power/on password and Administrator's password features are blade servers' features. All other features are standard servers' features and</p>	<p>1. This request refers to expansion possibility within single Blade server chassis commonly called mezzanine slots.</p> <p>2. This request refers to expansion possibility within single Blade server chassis commonly called mezzanine slots. Bus width of mezzanine slots should not be less than 1 x4 and 1 x8.</p> <p>3. As Blade servers will be monitored and controlled through one management server, standard rack server, all security specifications must be followed.</p>

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blade servers don't support them. As all items are blade servers, is this request from standard servers' specifications by the mistake listed?

4. Technical Specifications Items No 1, 2, 3, 4, 5, 6, 7 and 8, Installation, testing and startup specification Installation of which OS that will be provided by customer is requested.

Which OS will be provided for this installation?

5. Technical Specifications Items No 4, 5, 6, 7
Operating System RDBMS

Due to the imperative of compatibility with existing operating system Windows Server Standard Edition 2003 or equivalent MSSQL 8.0, Oracle 9 or similar is requested.

Are there any additional requests for the RDBMS (number of users, or similar)?

6. With reference to Annex II (Technical specifications), Items 1-8:

Is it possible to provide better blade servers with better processors (for example faster frequency, bigger cache faster FSB etc.)?

7. With reference to Annex II (Technical specifications), Items 1-8:

Is it possible to provide better blade servers with bigger memory or memory consisting only from 2 DIMM modules (e.g. more free DIMM slots)?

8. With reference to Annex II (Technical specifications), Items 1-8:

Is it possible to provide better blade servers with faster memory?

9. With reference to Annex II (Technical specifications), Items 1-8:

Is it possible to provide better blade servers with bigger RAID cache?

4. Linux Advanced platform and Microsoft Windows server OS platform. All implementation and warranty services offered/specified must be defined and documented from original HW manufacturer.

5. RDBMS software is not part of this procurement. Specified requirement describes server Operating systems supported on HW platform. No additional requests.

6. The technical specifications provide only minimum requested requirements. All Blade server components must be compliant with technical requirements.

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10. With reference to Annex II (Technical specifications), Items 1-8:

Is it possible to provide better blade servers with more Ethernet ports?

11. With reference to Annex II (Technical specifications), Items 1-8:

Is it possible to provide better blade servers with more FC ports?

12. With reference to Annex II (Technical specifications), Items 1-8:

You require CD-RW/DVD-ROM which is impossible in blade server because it is simply blade server. Is it possible to fulfil your requirement for blade center and or as virtual optical drive? Is such solution suitable?

(Note: It seems that you copied requirement for "normal" server which cannot be applied to blade server)

13. With reference to Annex II (Technical specifications), Items 1-8:

You require 2xPCIe which is impossible in blade server with half-height because it is simply half-height blade server. Is it possible to fulfil your requirement with 1xPCIe and more PCIe used for connection of already integrated device on motherboard (e.g. network and storage controllers etc.)? Is such solution suitable?

(Note: It seems that you copied requirement for "normal" server which cannot be applied to blade server)

14. With reference to Annex II (Technical specifications), Items 1-8:

You require Keyboard password + Diskette drive control + Diskette boot control, but these features have no logic for blades because not keyboard, and floppy is presented – should we applied these requirements for virtual devices (keyboard, floppy, USB)?

(Note: It seems that you copied requirement for "normal" server which cannot be applied to blade

10. The technical specifications provide only minimum requested requirements. All Blade server components must be compliant with technical requirements.

11. The technical specifications provide only minimum requested requirements. All Blade server components must be compliant with technical requirements.

12. You can provide CD-RW/DVD-ROM virtual optical drive through single management server access.

13. This request refers to expansion possibility within single Blade server chassis commonly called mezzanine slots and you must have at least minimum requested expandability.

14. As Blade servers will be monitored and controlled through one management server, standard rack server, all security specifications must be followed.

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server)

15. With reference to Annex II (Technical specifications), Items 1-8:

You require Parallel and serial interface control + Disk configuration lock, but these features have no logic for blades because not parallel and serial interface, Disk configuration lock (it is blade server !!!) – should we omit these requirements?

(Note: It seems that you copied requirement for “normal” server which cannot be applied to blade server)

16. With reference to Annex II (Technical specifications), Items 1-8:

Operating system should OR should no be part of delivery?

If YES – what operating system and for how many users?

If NOT – what operating system should we install AND do you guarantee that this OS will be legal and properly licensed?

17. With reference to Annex II (Technical specifications), Items 1-8:

Could you please be more specific about “processor hot spare boot” in fault management if there is no place for hot-spare processor (you require two processor server with two processors installed, e.g. no space for any more processor, e.g. any more processor as hot-spare processors). Should we perceive this requirement only as theoretic feature of fault management applicable for higher model of servers not included in delivery?

18. With reference to Annex II (Technical specifications), Items 4-7:

What does the requirement “Operating support * RDBMS” mean? Support for some operating systems OR support for any OS which supports MSSQL 8.0 OR Oracle OR both OR something else?

15. As Blade servers will be monitored and controlled through one management server, standard rack server, all security specifications must be followed.

16. Operating system is not a part of this delivery. Operating systems will be provided to you with legal licences.

17. Hot spare boot should be functionality of a server no matter of two or higher processors server, no higher models should be applicable if that functionality is integrated within lower model.

18. RDBMS software is not part of this procurement. Specified requirement describes server Operating systems supported on HW platform.

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19. With reference to Annex II (Technical specifications), Item 9:

Is it possible to provide switches with same or higher number of ports instead pass-through modules?

20. With reference to Annex II (Technical specifications), Item 11:

You require tool to cover also "management of existing infrastructure". Please describe it in detail (description [server, switch, storage, PC, etc.], manufacturer, model, configuration, number of pieces, operating system, application software)

21. With reference to Annex II (Technical specifications), Item 11:

What CPU (CPUs) will be in server provided by the beneficiary ?

22. With reference to Annex II (Technical specifications), Item 12:

You require "supported storage system EVA4000" (3rd requirement) – please be more specific. Should we provide only storage capacity attached to EVA4000 controllers OR should we provide EVA4000 OR should we provide any storage with management tool compatible with EVA4000 ?

23. With reference to Annex II (Technical specifications), Item 12:

For which operating systems we should provide multipathing software ?

24. With reference to Annex II (Technical specifications), Item 13:

What do you really require? A new controller OR controller pair?

25. With reference to Annex II (Technical specifications), Item 13:

19. You have to follow given LAN/SAN Blade network specification.

20. Servers – Dell, HP, Asus, IBM. Storage – HP EVA4000. OS – Windows 2003 and Linux RedHat & SUSE. Virtualisation software – VMware. FC switches – Brocade. No application software should be managed, just infrastructure management. No PC management needed.

21. Min. Intel Xeon Processor 3.0 GHz/800MHz-2MB L2 or better will be provided.

22. You should provide functionality for full remote data replication from new storage to existing storage system HP Enterprise Virtual Array 4000. Whole infrastructure must be managed from single management tool (servers and storage, LAN, SAN, including storage LUN creation, presentation, etc.)

23. Microsoft Windows server and Linux Advanced server platform with support for other requested OS platforms

24. You have to provide additional equipment for data replication FC over IP which is fully compatible with existing equipment (existing storage) and new storage with redundant paths.

25. You have to provide full unlimited solution for local and remote data replication no matter of

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Does it mean that you require licences for (1) local copy and (2) remote copy?

26. With reference to Annex II (Technical specifications), Item 16:

You require installation platform MS Windows, Linux, HP-UX – should we support one of them OR all of them?

27. With reference to Annex II (Technical specifications), Item 16:

Should we support the whole range client agents (even not in delivery and probably not in use – as Novell Netware or Solaris or AIX or Unixware) or support for only delivered as item 15 is enough?

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29. With reference to Annex II (Technical specifications), Item 16:

Should we support the whole range of device or support for only delivered as item 15 is enough?

30. With reference to Annex II (Technical specifications), Item 1-16:

There is no rack required – will the Beneficiary provide rack and do the Beneficiary guarantee (!!!!) compatibility despite the brand of delivered new items 1-14 (note: “19inches rack requirement is not enough due to little bit different size of holes/screws and little bit different solution of rack-mounting kits)??

number of licences. Use as many licences as you need.

26. Backup software has to support all of the requested platforms.

27. Backup software agents have to support all of the requested platforms.

28. Backup software agents have to support all of the requested platforms.

29. Backup software agents have to support all of the requested platforms.

30. The supplier must provide all materials and work to properly install all equipment in existing standard HP 19” racks.