

QUESTIONS AND ANSWERS

IN RESPONSE TO THE REQUEST FOR PROPOSALS (RFP) FOR DEVELOPMENT OF WEB-BASED INVENTORY OF SPATIAL AND URBAN PLANNING DOCUMENTS

1. Requirement 2.1.1.1 states that the system must support at least 50 concurrent RGA users. However, requirement 2.6.1.1 states that it must be able to server at least 500 concurrent portal users. Please clarify which requirement is prevailing?

The system must support at least 50 concurrent RGA users, meaning users that have access to the closed (admin) part of the portal / system. 500 concurrent portal users refers to guest users (portal visitors)

2. Requirement 2.1.1.2 states that the Supplier should deliver all necessary licences, including OS, database, antivirus and backup & restore licences. Please confirm this, since on p.23 of Appendix B - Functional Specification, it is stated that RGA will provide virtual infrastructure as well as antivirus licences. Please clarify whether the Supplier should provide OS, antivirus and backup & restore licenses within project budget? Our understanding is that these will be provided by the RGA.

Virtual infrastructure as well as antivirus licenses will be provided by the RGA. However, this depends on the vendors proposed solution. The vendor should confirm with the RGA (sdjurovic@rgz.gov.rs), and cc to sjelic@bep.rs, dvasiljevic@bep.rs, grants@bep.rs what resources are available within the RGA and try to use as many of those resources as possible. If the vendor chooses to use other recourses, they need to be calculated within the budget. USAID Business Enabling Project will finance additional storage capacity.

3. Is the purpose of requirement 2.1.1.5 (Optical Character Recognition) to process scanned documents that are being stored within the system and to be able to search through these documents' content?

Yes.

4. Please clarify requirement 2.1.1.9. Is the purpose of this requirement to have an online, web viewer of all documents stored within the system?

Yes.

5. Requirements 2.1.2.3 and 2.1.2.4 do not have any priority assigned to them. Please provide us with an update of these requirements.

2.1.2.3 - I-1

2.1.2.4 - E-3

6. In the context of requirement 2.1.3.1, can the "point of last save" be considered as the point when user clicks the "save" button with the "cancel" button being considered as an "undo" action and the following click on the "save" button as a redo action?

Yes that can be considered as the point of last save

7. Should requirement 2.1.5.2 be fulfilled as a "live", service-like, integration, or as a possibility to extract data in one of standard GIS formats which could then be uploaded to the NIGP?

Live, service like integration with NIGP will be taken as a strong advantage.

8. Requirement 2.1.7.1 states that input data validation must happen on server side. Since this is an unusual way of operation, is it acceptable to implement these data validations on the client side maintaining the same level of functionality?

Yes, data validation on the client side with maintaining the same level of functionality is acceptable.

9. Can you please roughly estimate the final number of different report types that should be generated by the system?

Exact number and type of reports will be discussed during the joint design phase, but it is anticipated that total number of reports will not be more than 10.

10. Requirement 2.2.1.1 specifies "visual style" of the future portal as one of the requirements. Since it is not common to develop visual style and design as part of the Offer itself, but rather this is usually developed during the design phase of the project, we request that this requirement be removed from the functional specification table. Otherwise, all Bidders must develop future system design in advance without any possibility for communication with the Client.

Visual style will be designed during the design phase of the project, the requirement 2.2.1.1 only refers to how the visual style should look like and will be further discussed with the awarded vendor. It is not required nor expected of the bidders to develop system design in advance.

11. Requirement 2.3.1.11 mentions "mapping of locations". Please clarify the nature of this map. Should it be a kind of interactive GIS map? Who will be responsible for georeferencing of stored documents?

Mapping of locations refers to a map of Serbia clearly displaying in different color territories, where planning documents have been adopted (for instance green for adopted, black for not adopted). Selecting a territory with the adopted urban and spatial planning documents, the user can go lower to the information and see and or download specific document.

12. Requirements 2.5.2.2 and 2.5.2.3 request the use of a commercial SSL certificate. Will this certificate be procured by the RGA and is it the Supplier's responsibility to implement its usage within the system?

SSL certificate should be calculated within the budget for the first year. After its expiry the RGA should overtake any further financing of such a certificate.

13. On p.23 of Appendix B - Functional Specification document it is stated that: "The Vendor must guarantee that it will in the period of two (2) years, following the expiry of warranty period, accept all kinds of system maintenance should it be so offered.". Please clarify the meaning of this. Can you please provide us with a template for such a maintenance contract?

This refers to that, that after the expiry of warranty period, should RGA ask for any further system modification or addition, the vendor must guarantee that he will accept such work. However, the vendor will have the possibility in further discussing price and conditions of such work with the RGA.

14. Proposal Cost Summary document contains the item "Two (2) year Maintenance Costs". Is this cost cumulative for both years, or per single year? Should this cost be calculated within the total project cost and therefore be within the total project budget of 55.000USD?

Maintenance cost is cumulative for both years and should be calculated within the project budget of 55.000 USD

15. Will data migration (as a responsibility of the Supplier) occur only during the project implementation phase, or will it extend throughout the warranty and subsequent 2-year

Data migration will occur only during the implementation phase.

16. Requirement 2.1.17: is the "user" from the requirement end-user (who access data on portal only) or internal user (who accesses internal storage and portal)?

The requirement refers to the end - user (portal visitor).

17. U skladu sa funkcionalnom specifikacijom softvera za razvoj Web repozitorijuma dokumentacije o prostornom planiranju, kao sastavnog dela Poziva za dostavljanje ponuda RFP-2012-01/R, u okviru koje ste navedeni kao osoba od koje je moguće dobiti spisak postojećih aplikacija u RGZ sa kojima bi softversko rešenje iz predmeta nabavke trebalo biti integrisano, koristim ovu priliku da Vas zamolim za dostavljanje takvog spiska.

The suggested solution does not need to be integrated within existing systems, it only needs to support interoperability, to allow information exchange (XML) with existing applications.

18. In section 2.1.1.2 on page 6, it says: „The implemented system must be delivered with all necessary licenses required for fully functional system (OS, applicative server, web server, database, scanning software, antivirus license, backup and restore software etc.)“. In section 3.2 Hardware platform on page 23, it says: „The Web-Based Inventory of Spatial and Urban Planning Documents must work as a virtual environment working on VMWare virtualization software, with NOD 32 antivirus software. RGA will provide virtual infrastructure as well as antivirus license.“ What we have to offer to the system software for servers and clients? Is it necessary to offer licenses for the database management system (RDBMS) or RGA has the necessary licenses for the database (eg MS SQL Server) for the project DEVELOPMENT OF WEB-BASED INVENTORY OF SPATIAL AND URBAN PLANNING DOCUMENTS?

Virtual infrastructure as well as antivirus licenses will be provided by the RGA. However, this depends on the vendors proposed solution. The vendor should confirm with the RGA (sdjurovic@rgz.gov.rs), and cc to sjelic@bep.rs, dvasiljevic@bep.rs, grants@bep.rs what resources are available within the RGA and try to use as many of those resources as possible. If the vendor chooses to use other recourses, they need to be calculated within the budget. USAID Business Enabling Project will finance additional storage capacity.

19. In the Functional requirements document (item 2.1.1.2.) it is stated that antivirus license should be delivered as a part of offer. However, later in the same document (page 23, second paragraph) it is stated that "RGA will provide virtual infrastructure as well as antivirus license". Should we include antivirus software license in the offer, or RGA will provide licenses for NOD32 ?

Antivirus licenses shall be provided by the RGA.

20. Requirement 2.1.1.4 states that presentation layer must support IE, Firefox and Opera, while requirements 2.6.3.1 considers Opera only as advantage. What is essential and what is optional browser list?

IE, Firefox and Google Chrome are mandatory, all other browsers (Opera, Safari etc.) will be considered as advantages

21. Requirement 2.3.1.10 states that planning documents should be uploaded only in PDF format, but requirements 2.1.1.12 and 2.1.1.13 requires other document format. How will these other document be imported in system and what will be their usage?

Planning documents shall be uploaded in PDF format. Usage of other formats should be treated as attachments to the uploaded planning document (for instance rules, laws, bylaws etc. that will be uploaded as attachments to the urban and spatial planning documents).

22. Requirement 2.3.1.11 is referring to 'map'. What is the nature of this map and what is the map level details? Mapping of locations refers to a map of Serbia clearly displaying in different color territories, where planning documents have been adopted (for instance green for adopted, black for not adopted). Selecting a territory with the adopted urban and spatial planning documents, the user can go lower to the information and see and or download specific document.

23. Once user find desired location on map, what is the level of information he will give about that location? Only uploaded planning documents or some other information (what information)?

Once user finds desired location, the user can access the uploaded planning document as well as a tabular display with at least following data:

- type of plan
- name of planning document
- date of adoption
- area covered by a plan
- total construction area
- size of building zone in non - construction land
- key words

As well as any other attachment that can be uploaded with the planning document itself (list of rules and regulations, bylaws, acts etc.) These documents should be uploaded in .doc, .pdf format.

24. Requirement 2.1.1.3 requests centralized data storage and a high availability setup. To conform to this requirement, please provide information on organization structure and available resources within the RGA in terms of storage devices and capacity, number of available servers with their specification and network topology within the RGA.

The Web-Based Inventory of Spatial and Urban Planning Documents must work as a virtual environment working on VMWare virtualization software, with NOD 32 antivirus software. RGA will provide virtual infrastructure as well as antivirus license.

6 servers - model: HP DL585 G6

Specification: 4 x six-core AMD Opteron 8435, 2.6GHz, 64GB/~18GB free per host, 1Gbps,

- Software for virtualization: VMWare 5.0

- Model of storage: Clarion CX3-40

USAID Business Enabling Project will finance additional Storage Capacity

Network topology in RGA is STAR – minimal network flow in local offices is 100Mb/ps, minimal flow of links between local offices and headquarters of RGA is 2 Mb/s / 256 kb/s

25. Requirement 2.1.5.3 mentions an "already developed metadata editor". Please clarify the nature of this metadata editor. What kind of "connection" is envisioned here?

RGZ je izradio editor metapodataka za prikupljanje i održavanje metapodataka u skladu sa standardima ISO 19115 i ISO 19139 i INSPIRE implementacionim pravilima za metapodatke. Editor omogućava kreiranje validnih xml fajlova u skladu sa standardom ISO 19139. Interfejs editora ima višejezičnu podršku za srpski i engleski jezik. Editor je dostupan na geoportalu za preuzimanje i mišljenja smo da bi mogao da se koristi za ovaj projekat jer će se planski dokumenti prikazivati i u okviru NIGP-a na geoportalu.

26. In terms of requirement 2.1.6.1, does RGA already possess such a backup device? If so, what are its characteristics? If not, is it expected from the Supplier to specify the technical characteristics of such a device?
RGA has a Tivoli backup software ver. 6.2, which has the function of making the image of the virtual server. RGA does not have a solution of making back ups scanned raster files.

27. Has RGA already implemented some kind of Document Management system (Sharepoint, Alfresco, etc...) that could be used in integration with this future system?

No.

28. In section 2.1.1.2 on page 6, it says: „The implemented system must be delivered with all necessary licenses required for fully functional system (OS, applicative server, web server, database, scanning software, antivirus license, backup and restore software etc.)“.

In section 3.2 Hardware platform on page 23, it says: „The Web-Based Inventory of Spatial and Urban Planning Documents must work as a virtual environment working on VMWare virtualization software, with NOD 32 antivirus software. RGA will provide virtual infrastructure as well as antivirus license.“

Questions:

What we have to offer to the system software for servers and clients?

Is it necessary to offer licenses for the database management system (RDBMS) or RGA has the necessary licenses for the database (eg MS SQL Server) for the project DEVELOPMENT OF WEB-BASED INVENTORY OF SPATIAL AND URBAN PLANNING DOCUMENTS?

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Any other necessary licenses need to be provided within the budget and offer.

29. In the Functional requirements document (item 2.1.5.2.) it is stated that possible integration with the NIGP will be considered as an strong advantage. Which technology is used for development of the existing solution?

Arhitektura rešenja: Baza podataka je PostgreSQL sa PostGIS eksenzijom (trenutna verzija 8.4). Za distribuciju karata na internetu (MapEngine) koristi se MapServer sa OpenLayers API bibliotekom koristeći Apache web server.

Sama Web aplikacija realizovana je uz pomoć Microsoft .Net tehnologije i koristi Microsoft IIS web aplikacijski server. Takođe, neki podaci na portalu samo se preuzimaju kao servisi koje servira ArcGIS Server.

30. In the Functional requirements document (item 2.1.5.3.) it is stated that including already developed metadata editor will be considered as an advantage. Which technology is used for development of the existing editor?

Programski jezik: C++

Biblioteka klasa: QT class library

Okruženje: KDeveloper, QT Designer

Prevodilac: GNU gcc (g++), Borland bcb

31. In the Functional requirements document (item 2.4.3.1.), integration with maps is described in more details. Should offer include any licenses related to maps (GIS software), or maps themselves, or RGA will provide them? If RGA is going to provide GIS software, which one will it be?

RGA does not have any GIS software available.

32. Does RGA posses licenses for database that could be used (Oracle), or offer has to include them as well?

RGA does not have a database license that can be used.