

## Template format Question/ Answer

### Procurement procedure: EMSA/OP/04/2017 – STAR Tracking

- Question 01 (dated 10 May 2017, 08.01):

**I would like to know if EMSA already identified specific enhancements to be made to fulfil module 2?**

Answer to question 01:

*A first set of specific enhancements would include those identified in Appendix 9 – “Evaluation Scenarios”, as indicated in section 14, point 3 of the tender specifications. Additional enhancements shall be identified throughout the execution of the contract.*

Published on 10 May 2017

- Question 02 (dated 11 May 2017, 09.15):

**Please consider providing us some additional clarifications, regarding the following:**

**2.1** In document “2 – Tender Specifications”, section “13.5 Technical and professional capacity – Selection criteria” (c), you list certain areas in which the tenderer must prove its expertise and knowledge, by providing two projects of at least EUR 100.000 each. Please, clarify whether each of the provided projects must cover ALL of the required areas or they can cover some of them. In fact one project cannot always cover all.

**2.2** We understand that the operational support services, as part of Module 1, will be 2nd level support. May you please confirm?

Answer to question 02:

*2.1 The tenderer shall provide evidence for all the areas mentioned in the tender specifications. Not all areas need to be demonstrated in a single project.*

*2.2 All operational support services to be included are mentioned from page 3 onwards of Appendix 8 - Requirements for the Provision of Services. These services will be at level 3 support, not level 2.*

Published on 12 May 2017

- Question 03 (dated 19 May 2017, 15.28):

**3.1 In document “2 – Tender Specifications”, under point 10 (Requirements as to the tender) there are references to points that seem to be wrong or don’t exist at all (e.g. points 14.5, 14.6). Can you please clarify?**

**3.2 In “Appendix 6 - Interface Control Services”, page 90-101, an Authorisation Service is described. Is this the description of the request parameters and response information that the new Authorisation web service requested in Scenario 1 should follow too?**

**3.3 In the Technical landscape of EMSA software, there is a requirement to use either Weblogic, Jboss or Tomcat application server. In case we consider Weblogic as the most convenient application server for our solution, will the licenses be provided by EMSA. If so, which edition of Weblogic license can be provided and could it include a Cluster support?**

**3.4 What is the volume of the users that are handled by the LDAP?**

**3.5 Could you please provide us with the average request rate and response time of "a. Smart Search service" and "b. Last Position service", as described in pages 2 and 3 of "Appendix 9 - Evaluation Scenarios"?**

**3.6 In Scenario 2, it is referred that "The new ship position last position distribution service shall support 100 concurrent users and shall be scalable to support up to 1000 users." According to the description of the Scenario 1, the “ship position” services are protected by authorisation and in the performance table the current “getPositions” and “refreshPositions” services should support 1 average request per second and 0.5 request per second, respectively. Could you please review and clarify the total load (requests per second) expected for the new Authorisation solution?**

Answer to question 03:

*3.1 Please note there is an error in the reference to sections 13 and 14 of the tender specifications. Where mentioned the correct references are: 13.2 instead of 14.2; 13.4 instead of 14.4; 13.5 instead of 14.5; 13.6 instead of 14.6; and 14 instead of 15.*

*3.2 Although the service would be similar in terms of request parameters and response, the service designed for the scenario could follow a different interface specification*

*3.3 EMSA will provide licenses for the Weblogic Enterprise edition. Clustering of Weblogic is supported and widely used at EMSA.*

*3.4 The current volume is 1000 registered users, and 60 concurrent users.*

*3.5 The average request rates and response times should be taken from the summary table on page 3 of Appendix 9. The list of users services provided on pages 2 and 3 (bullets 2a to 2d) may be ignored.*

*3.6 The rates specified in the summary table on page 3 of Appendix 9 are the average estimated rates on the backend services for 100 users. The authorisation service will be queried once per invocation of each of the listed services. The discussion on the proposed solution shall demonstrate that it is scalable to support 1000 concurrent users.*

Published on 24 May 2017

- Question 04 (dated 29 May 2017, 19:10):

**On the STAR Tracking - Appendix 9 - Evaluation Scenarios.pdf document, section “Scenario 1- Replacement of the OES solution”, “Phase 2: Replace OES” is stated that “The bidder shall analyse the authorisation scenarios and select a tool, providing a rationale for selection based at least on:”**

**The selection of this tool should be done during the project or are you expecting that we already include a proposal of this tool on our offer?**

Answer to question 04:

*The bidder shall provide in their offer possible tools that may be adopted for addressing this particular scenario. The final choice, if not evident at tender stage, will be made during the contract execution. However at least one tool has to be included as part of the offer for evaluation purposes.*

Published on 31 May 2017

- Question 05 (dated 30 May 2017, 10:31):

**5.1 Regarding the replacement of the OES solution, will the contractor buy the required licenses for the new proposed solution, and supply them to EMSA? Should this cost be included in the tenderer’s financial offer (Part E of the tender)?**

**5.2 Regarding scenario 2, how many applications should be modified in order to use the new websocket flow? Are all the applications implemented using java and html/javascript?**

Answer to question 05:

*5.1 The contractor will not be required to buy the licenses for the new proposed solution(s) and supply them to EMSA. The cost should not be included in the tenderer’s financial offer.*

*5.2 The applications using the current implementation are SEG, IMS mobile app (iOS and Android) and IMDatE WUP. These applications are using java and html/javascript, with the exception of the IMS mobile app. Only changes to the IMDatE WUP are covered under this tender.*

*Note that the migration of the applications will be done on a case-by-case basis and hence the need to keep both the current implementation and the web socket implementation during a migration period, which will be decided at a later stage.*

Published on 31 May 2017

- Question 06 (dated 9 June 2017, 11:00):

**For the Star Track Scenario 2 it's intended a full new implementation to receive/process the ships positions and provide them to the clients through Websockets or is to leverage the already existing IMDatE implementation of getPositions and refreshPositions REST Services when fetching the information from systems Database/positions cache/Coherence and add the Websockets protocol?**

Answer to question 06:

*The bidder should propose the best option considering both technical and cost factors.*

Published on 14 June 2017

- Question 07 (dated 9 June 2017, 13:35):

**Following the tenderer's requirements in order to deliver a bid for the project EMSA/OP/04/2017, the following is required:**

- **The Financial Form completed, signed and stamped. This document is available on the Procurement Section (Financial Form) of EMSA's website ([www.emsa.europa.eu](http://www.emsa.europa.eu)).**
- **The legal Entity Form completed, signed and stamped along with the requested accompanying documentation. This document is available on the Procurement Section (Legal Entity Form) of EMSA's website ([www.emsa.europa.eu](http://www.emsa.europa.eu)).**

**I was not able to find this information in the mentioned site because I did not find any Procurement Section. Can you kindly send us the Financial Form and the Legal Entity Form either by direct link or by sending us attached to your response?**

Answers to question 07:

The requested forms may be accessed through the following web link, in section "Documents for tenderer":

<http://emsa.europa.eu/work/procurement/calls.html>

Published on 14 June 2017

Question 08 (dated 9 June 2017, 17:33):

**Concerning Phase 1 of Scenario 1:**

**8.1 What kind of services/modules perform authorization calls to OES (WebServices, EJBs, etc)?**

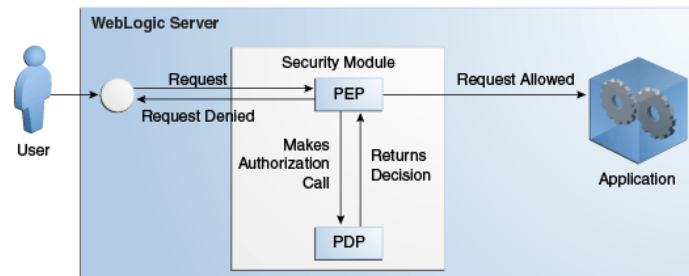
**8.2 Are all authorization requests to OES initiated by applications (figure 1-3) as described in Appendix 5 (page 37) and using the java library (OES Wrapper) mentioned in Appendix 9? Or are there other scenarios in which the requests are intercepted by OES Security Modules and authorization is performed before reaching the applications (figure 1-5)?**

*Figure 1-3 Application Acting as PEP Requests Decision from PDP*



OR

*Figure 1-5 Security Module as PDP and PEP*



Answers to question 08:

*8.1 Several kinds of modules may perform calls to OES, in particular web services, EJBs and java processes.*

*8.2 In the current implementation all authorization calls are performed via the OES wrapper.*

Published on 14 June 2017

Requests for additional information regarding this tender should be sent by e-mail to the following address [Open042017@emsa.europa.eu](mailto:Open042017@emsa.europa.eu). Requests for additional information received less than six working days before the closing date for submission of tenders will not be processed.

The deadline for submission of the bids of this tender is **21 June 2017**.

The responsibility for monitoring the Agency's website for replies to queries and/or further information remains with potential applicants.