



الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

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Vienna, 17 November 2011

Dear Bidder,

In reference to Request for Quotation no. 11931-SB for the Support and Migration of CAI system and MET, bidder(s) raised question related to this solicitation, and the IAEA responds as follows:

1. What technologies are used to develop CAI?

CAI is built using RetrievalWare (RW) and thus uses proprietary RW's Java packages. The application runs under jBoss and it has a web interface built with Java and JSP.

2. What technologies are used to develop MET?

MET is a pure Java application, running under Tomcat. It uses a MS SQL server 2005 database.

3. We understand that the indexing in CAI is built using RetrievalWare. Is this correct?

CAI is an application done using RetrievalWare.

4. What skill set is required to develop these new functionalities for CAI and MET?

Mostly Java development skills. Knowledge of Tomcat and JBoss. NetBeans IDE, Subversion, Unit testing.

5. 16 hours of project support is fine, could you define the exact timings or specify if it is on-call support?

The needed support is on-call, based on issues occurred for the MET production environment.

6. What is the backend used for CAI & MET systems?

CAI uses the RetrievalWare, JBoss and MS SQLServer 2005.

MET uses Tomcat and MS SQLServer 2005.

7. Please specify the list of documents available for CAI and MET systems including functional and technical.

Available documentation will be sent directly to the bidder upon request.

8. Do you have information on system characteristics: Lines of Code, Performance parameters (current, intended)?

We cannot disclose information about lines of code and other system characteristics but the ones already reported above.

9. Does the system use 3rd party controls for generating PDF files/reports?

MET uses the jPDFViewer.

10. What is the expectation from "scroll-down functionality" for PDF's?

Some original PDFs did not have this function. The scroll-down functionality allows us to view all the pages in the PDF.

- 11. The requirements need uniformed pagination between PDF and HTML ‘page’ bars. Are the PDF’s downloadable versions of the HTML pages? What is the relation between the PDF’s and HTML pages?**

The HTML pages are created when the PDFs are loaded into the MET system. That enables users to strip the images in the PDF files and get just the words, which will be used to extract the metadata from.

- 12. The system uses templates; are these templates for presentation of data or for creation of PDF files? (Ref Point ‘c’ in SOW)?**

The templates are used as a structure for the metadata which are extracted from the PDF files.

- 13. Please confirm whether Point ‘c’ in SOW document refers to adding custom metadata fields dynamically.**

Yes.

- 14. Which PDF viewer component is used in the system? E.g. Adobe version?**

MET uses the jPDFViewer.

- 15. Will you please share the detailed description of the CAI and MET? Also is it possible to arrange for a demo or link of the systems? Is there formal documentation available for these systems?**

CAI and MET are both COTS applications developed by a 3rd party for the IAEA. Available documentation will be sent directly to the bidder upon request. The CAI application enables a Computer Assisted Indexing. Based on a proprietary IAEA thesaurus, terms are suggested to the indexer. The indexer can select from suggested terms, edit fields and add term from the thesaurus. The indexer WEB interface is JSP based and needs no installation on the client side. The system contains a second workflow where batches of documents are processed automatically without any human interaction. That results in an output XML file containing all found terms. The Metadata Extractor Tool (MET) is the metadata extraction system to assist record creation from electronic documents in PDF format.

- 16. Given the expected delivery schedule, does IAEA expect the vendor to have prior understanding of the systems?**

The IAEA does not expect the vendor to have a prior understanding of the systems.

- 17. The capability to link tags from the lead record after the record was created. Query : Request for detail explanation of this functional requirement.**

Facilitates input preparation of records by avoiding repetition of data thus avoiding manual correction of errors and ensures retrieval of all records relating to the lead record.

- 18. The Contractor shall improve the templates handling; Filter while-you-type functionality shall be implemented for the “Manage User Template” option and when creating a new record. Query : Is this filter applied on User Template Field? Please confirm.**

We confirm the filter is applied on User Template Field

- 19. The scroll-down functionality shall be always available for PDFs. Query : Which java version and JPDFViewer currently being used?**

- we use J2SE Runtime Environment 6.0 or higher with Java Web Start
- We use jPDFViewer version is 6.0

- 20. The possibility of adding a box using the “+” existing functionality shall be extended to both the beginning and the middle of the field. Query: Request for detail explanation of this functional requirement.**

Please see example below.

The current functionality in the author field does not allow us to insert Tsu, H.P. before Kwon, M. nor before Kim, W.C. Now it is only possible to add after Wang, T.S.

Kwon, M. (Research Institute), E-mail: kwonm@xxx.xxx

Oh, Y.K.

Kim, W.C.

Wang, T.S.

Tsu, H.P.

20. **The Contractor shall develop uniformed pagination of PDF and HTML. Query: Please provide version and tool used to display HTML formatted report.**
This is the filter part of RetrievalWare software, used in MET.
21. **Descriptions for set and append. in Capture/Editing window shall be available to the users. Query : The description should be in the form of tool tip to be shown on mouse over event or should it appear in the status bar? Please provide more details.**
We would prefer to have the tool tip shown when the mouse is over the 'set', 'append', 'add' and 'add/split' buttons for easy reference.
22. **Mandatory fields shall be highlighted in every user record template, when the "edit" functionality is selected. Query : Approximately how many forms & fields are there in the application?**
There are 10 forms and 56 fields.
23. **The Contractor shall develop the availability of a strict and clear association between the records and the type of template used to create them. Query: Request for detail explanation of this functional requirement.**
We experienced problems because changes we made to user templates were not reflected in the records we created.
24. **Changes required only in MET, there is no change in CAI application so deliverable only contains source code and user or administration manual for MET. Query: Please confirm**
If CAI application will be modified to make it compatible with Windows Server 2008 R2, then respective new versions for source code and user/administration manual will be needed as well.