

STATE OF WASHINGTON
ADMINISTRATIVE OFFICE OF THE COURTS
REQUEST FOR PROPOSALS
Natural to COBOL Conversion
RFP 11-02

VENDOR QUESTIONS
(REVISED 03/22/2011)

Q34	<p>Regarding questions 13 and 14 from the RFP. This is what can be found in the RFP:</p> <table border="1"> <tr> <td>Q 13</td> <td>What is the status and availability of test scenarios?</td> </tr> <tr> <td>A 13</td> <td>Unit Test plans exist for over 90% of the programs.</td> </tr> <tr> <td>Q 14</td> <td>The unit test plans assume that the tester knows the application, the database, and the business. What is the number of current staff involved in the Natural application development?</td> </tr> <tr> <td>A 14</td> <td>0.5</td> </tr> </table> <p>We believe it should be as below:</p> <table border="1"> <tr> <td>Q 13</td> <td>What is the status and availability of test scenarios?</td> </tr> <tr> <td>A 13</td> <td>Unit Test plans exist for over 90% of the programs. The unit test plans assume that the tester knows the application, the database, and the business.</td> </tr> <tr> <td>Q 14</td> <td>What is the number of current staff involved in the Natural application development?</td> </tr> <tr> <td>A 14</td> <td>0.5</td> </tr> </table> <p>Can AOC confirm our understanding is correct?</p>	Q 13	What is the status and availability of test scenarios?	A 13	Unit Test plans exist for over 90% of the programs.	Q 14	The unit test plans assume that the tester knows the application, the database, and the business. What is the number of current staff involved in the Natural application development?	A 14	0.5	Q 13	What is the status and availability of test scenarios?	A 13	Unit Test plans exist for over 90% of the programs. The unit test plans assume that the tester knows the application, the database, and the business.	Q 14	What is the number of current staff involved in the Natural application development?	A 14	0.5
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Q35	Regarding MIPS usage by the application. How much MIPS does the Mainframe have? What is the average MIPS usage? What is the average MIPS usage of the Natural application?																
A35	The OAC2 CPU has 501 MIP and 62 MSU's. The CPU is averaging 45 MSU's. When the CICS shuts down that is running the Natural Application, it averages 290 minutes of CPU Time.																
Q36	Regarding developer security and how to map the Natural behavior.																

	How does AOC manage developer access rights in the AOC COBOL developments? Is the same approach requested in the migrated application?
A36	The AOC Utilizes RACF to control access to the COBOL libraries. We will continue to utilize RACF for access to the libraries.
Q37	Which COBOL debugger(s) and COBOL development tools are currently in use on the MF? Is all development done directly on the mainframe i.e. via TSO/CICS?
A37	IBM Debug Tool (5655-J19). Currently all the development is done directly on TSO/CICS.
Q38	Are deliveries of LOAD modules for C programs acceptable in the absence of a C compiler?
A38	No. 'C' is an unacceptable programming language. COBOL source code must be delivered.
Q39	To what extent is the current Natural application written in a Three Tier architecture?
A39	It is currently not written in a three-tier architecture.
Q40	Can AOC provide us with a representative JCL sample (including all procedures used from it) that runs batch programs? How many lines of JCL code are there in total?
A40	Yes. All JCL, program code, documentation and other items will be provided upon vendor signing a non-disclosure agreement.
Q41	Does the "Direct" Natural DB2 interface use a SAG interface or an interface that can be called in the same way from COBOL?
A41	The Natural code communicates with DB2 using two different methods depending on the creation date of the program. The first method was to interact with DB2 using COBOL programs. This was done because at the time Natural did not support static SQL and performance was an issue. The second method uses the Software AG Natural DB2.
Q42	Are there any screen scraping interfaces used?
A42	Yes, there are quite a few known and many unknown; which is why it is very important the screen design and layout remain unchanged.
Q43	Can vendor laptops plug in into the AOC network (for on-site work)?
A43	Yes
Q44	Can AOC send an example of the current functional and technical documentation?
A44	Yes. All JCL, program code, documentation and other items will be provided upon vendor signing a non-disclosure agreement.
Q45	Can AOC send an example of a representative test scenario?
A45	No. Program level unit test plans will be sent after signing the Non-Disclosure Agreement. The AOC does not desire that the program level unit test plans be used for validating the conversion. The AOC desires that the vendor provide quality assurance and quality control procedures that minimizes the introduction of new defects and minimizes cost.
Q46	Have the remaining Natural programs in Reporting Mode been changed to structured mode since 2009?
A46	Not at this time. There are 56 modules still cataloged under report mode. Most of these are screen maps so they can be changed easily. The AOC plans to convert the remaining Report Mode programs to Structured Mode prior to sending the programs for the actual conversion.
Q47	The Scope section indicates that the PRDDISC library has 700,000 lines of code. What is the total for the INFOPROD library?
A47	Approximately 70,000 lines of code.
Q48	There is a library of utility programs that amounts to no more than 10% of the PRDDISC library. Is there an additional library of utilities for INFOPROD?
A48	These are one in the same.
Q49	What is the total LOC for your JCL?
A49	The JCL relating to Natural library PRDDISC contains 245 JCL members that execute Natural.

	There are 393 steps that execute Natural in those 245 JCL members. There are 31,050 lines of code in those 245 members. There will be additional JCL's involved for the INFOPROD and JISADHOC libraries. Up to 10% more members and lines of JCL.]
Q50	Please provide more details on your expectations for a 3 tiered architecture.
A50	An ideal 3-tier architecture would be splitting the presentation logic, business logic and domain (database) logic into separate components. Due to the existing Natural program structure, this might not be 100% achievable. At a minimum, AOC desires to be able to interface with the converted code bypassing the presentation logic so that data exchanges can be performed. The data exchanges can be performed if the converted COBOL programs have a COMAREA for the control program(s) that perform the edits and database updates.
Q51	Appendix A, Vendor Administrative Response, skips from question 1 to question 3. Should there be a question 2?
A51	That is a typo. It did jump from 1 to 3.
Q52	Do the three references need to be US customer references. Can we use some non-US references.
A52	There is no location requirement for the references.
Q53	Does the scope of the RFP include a data migration from Adabas to a new database? If so, please provide more detail pertaining to the data base migration.
A53	No database migration in scope.
Q54	What are the expectations and security issues regarding remote work vs onsite work?
A54	AOC will provide remote access and on-site access
Q55	Please clarify sections 5.4.5 and 5.4.6 as they seem to contradict each other. 5.4.5 says that workstations will be provided, however 5.4.6 says no hardware will be provided. Which is correct? Also, as this is a large project and a team will be provided, does the indicated fee apply per employee or to the team as a whole — and are there limits on team size?
A55	For this engagement, no special AOC equipment would be required so you would not need to use AOC equipment (where 5.4.5 could be used).
Q56	Will the AOC provide access to a development environment and test environment that parallels your production environment?
A56	Yes
Q57	Will the AOC provide access to the actual data and/or dummy data for test purposes?
A57	AOC will provide access to the test database.
Q58	What is the AOC's internal level of effort estimate for this project?
A58	2,100 Hours
Q59	What is the budget for this project?
A59	Contract costs plus internal AOC hours.
Q60	Is there a deadline for the deliverables on this project?
A60	There is no fixed deadline for this project. There are project timing considerations based on when and how mandated upgrades are applied to the system based on the State Legislative schedule.
Q61	Are there any other critical dependencies from related projects?
A61	No
Q62	Will AOC consider a time and materials proposal?
A62	No
Q63	In regards to the 1-month limit on locking the code, how many modifications does AOC perform to the source code on a monthly and quarterly basis?
A63	10 – 20 changes per quarter.

Q64	What are the reporting/meeting expectations of AOC in regard to frequency, and in regard to onsite vs tele/video conference?
A64	Status meetings can be performed remotely. Remote access to AOC computing resources will be provided. Onsite work should only be needed for initial meetings and working directly with AOC resources.
Q65	Please provide more clarification on Q39: If the Natural code is not in 3-tier architecture currently, what is the architecture model?
A65	Online screen code generally has a primary program that manages the pre-screen activities, displays the screen, and controls the post screen activities. Some of the screens are siloed whereas some of the newer ones are high modularized using function based subroutines. The Natural Code also calls COBOL programs.
Q66	Please define what AOC means by 3-Tier Architecture in regards to what is required of the Cobol code
A66	See question 50 above
Q67	Please confirm that no changes are required to the database, the project scope is limited to the Natural application (presuming of course that the Cobol version continues to access the database properly)
A67	The database is in DB2. There are no ADABAS files to be converted. There are no required changes needed to the DB2 table structures.