

Migration from VisualAge to Rational Business Developer / Enterprise Generator Language (RBD/EGL)

Request for Quote (RFQ)

Department of Management Services Contract # 973-001-06-1

Department of Children and Families

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**THIS IS A REQUEST FOR QUOTE PURSUANT TO RULE 60A-1.043 (1), FAC. THIS
REQUEST FOR QUOTE DOES NOT CONSTITUTE A DECISION OR INTENDED
DECISION THAT IS SUBJECT TO PROTEST UNDER S.120.57(3), F.S.**

1. Background

The Department of Children and Families (DCF), Office of Information Systems' objective is to provide cost effective information technology services to its customers. This is a Request for Quote from authorized vendors on Term Contract 973-561-06-1, Information Technology Consulting Services, to provide a quote that meets the requirements defined in this RFQ.

The WIC system resides on an IBM mainframe (IBM eServer z/890, model 2086-A04, capacity setting 320) using CICS 3.1, COBOL and interfacing with DB2 8.1 (currently on compatibility mode) and a few VSAM files. The tool currently used to develop the online WIC system is VisualAge for Java Enterprise edition 4.0/VisualAge Generator 4.5. This product is used to generate COBOL/CICS applications. The online system consists of 315 VisualAge applications and there are 67 VisualAge batch applications. The source control software currently in use is Rational Clearcase 3.0. Both VisualAge and Rational Clearcase are either no longer in support from IBM or will going out of support soon.

DCF requires the services of a vendor to convert existing VisualAge and Clearcase code to the Rational Business Developer/Enterprise Generator Language (RBD/EGL) code at minimum cost with little or no disruption to the ongoing operation of the critical Women, Infant and Children Systems underlying the code to be converted. The new version of Rational Clearcase is the new standard of DCF application software for this application.

The reasons to move from VisualAge are:

1. VisualAge for Java is already out of support.
2. VisualAge Generator is going out of support on September 30, 2009:
3. Rational Clearcase version 3.0 went out of support on September 30, 2008. It has been replaced by Rational Clearcase 7.0.1.
4. Rational Clearcase 7.0.1 does not support VisualAge for Java source code.

2. Statement of Work/Task Order Requirements

2.1 Overview

The scope of this RFQ will require the vendor to provide industry standard code conversion activities using appropriate methodologies and techniques to convert the application code from VisualAge and Clearcase to RBD/EGL. Additionally, the selected vendor provide training for designated staff working for DCF who will maintain the application once the code is converted and develop new code as requirements evolve.

2.2 Services to be provided

To accomplish the scope of this RFQ, DCF is seeking quotes from vendors for services to provide VisualAge and Clearcase code conversion and tool training for the Women, Infant and Children System. The vendor should be able to commit on a full time basis to a speedy conversion. DCF is seeking quotes from vendor who can provide a conversion team who currently have the required RBD/EGL skill set and are current on the most recent programming and conversion techniques using the RDB/EGL tool.

DCF is using the Department of Management Services State Term Contract for IT Consulting

Services, number 973-561-06-1, for this procurement. Within this state term contract, DCF is seeking quotes for the Job Family of Program Management, to include Job Titles for:

- Project Leader (Scope Variant of Intermediate or Advanced).
- Systems Analyst (Scope Variant of Intermediate or Advanced preferred)

DCF anticipates this conversion effort could require up to three (3) months of full-time effort, however, retention of the vendor will depend on the availability or funding and progress in achieving the speedy conversion. **The quote and supporting proposal must identify the full Hourly Rate cost, to include all travel and living expenses, for each conversion deliverable by vendor. DCF and the Department of Financial Services will verify that no hourly rates are contracted for that are higher than those permitted in the state term contract.** The supporting quote proposal must include a commitment from the vendor to staffing DCF as required in light of other vendor obligations.

For this conversion and training effort, DCF has developed a migration project plan. DCF has also loaded Rational Business Developer on the DCF developer desktops just like VisualAge for Java. The Department bought 3 new desktops that meet and exceed the minimum requirements for this migration (based on the "VisualAge Generator to EGL Migration Guide" provided by IBM). According to the DCF's analysis of server requirements from the IBM Migration Guide, the new version of RBD/EGL is compatible with the existing server supporting VisualAge and Clearcase running on Windows 2000 SP4 OS on the server where the source code and Rational Clearcase reside. DCF has installed UDB2 version 8.1 fixpack 15 on these new computers (based on the "VisualAge Generator to EGL Migration Guide" by IBM). DB2 will be used to store the migrated code. Analysis by DCF of the current VisualAge applications is in progress to determine the projects to be migrated and in which order.

Tasks to perform under this RFQ are:

2.2.1 - VAGen to EGL Code Migration

Actions to be performed by the vendor in this task include:

1. Analyze existing VAGen code, recommend changes needed to prepare code for the migration, build all necessary and appropriate configuration maps and PMP's for code migration and code conversion usage
2. Install the RDz/RBD development environments
3. Configure the RDz/RBD development environments
4. Install all migration tools and create all migration databases
5. Develop a plan for code migrations
6. Collaborate with DCF's ClearCase expert on EGL integration
7. Configure the EGL generation process
8. Install and configure the build server
9. Develop and test build scripts
10. Configure communication protocols between RBD and RDz for the migration
11. Configure z/OS Cobol runtime
12. Migrate VAGen code to EGL
13. Validate the EGL code generation process by testing the migrated code on the host system
14. Test migrated code on the host system. Tests will be conducted in accordance with the Testing Plan using both code conversion and build generation processes to ensure full interoperability between the three products.
15. Resolve all post-migration code conversion defects. A "defect," in this context, refers to an error in the behavior of a database or application object migrated in

the production or pre-production DB2 database environment for this migration project, and caused by the vendor as a result of the migration. Defects may be related to database or application functionality or performance. Pre-existing defects, or defects caused by source code changes not delivered to the vendor for migration, are DCF's responsibility. The provider shall provide post-migration defect resolution support until the defects have been resolved.

Completion Criteria

This task will be considered complete when the VAGen programs have been migrated to EGL and have been tested on the z/OS host system. The estimated number of programs to be migrated is 360.

2.2.2 - EGL Training

In this task, the vendor must provide on-site delivery of an 8-day Software Development in EGL using RBD Training Class. The class is to be conducted for up to 16 Students.

Completion Criteria

This activity will be considered complete when the 8 days of training have been performed.

2.3 Required Deliverables

1. Recommended changes needed to prepare VaGen code for the migration, including all necessary and appropriate configuration maps and PMP's for code migration and code conversion usage
2. Installed RDz/RBD development environments
3. Configured RDz/RBD development environments
4. Installed migration tools and migration databases
5. Plan for code migrations
6. Installed and configured build server
7. Build scripts
8. Configured communication protocols between RBD and RDz for the migration
9. Configured z/OS Cobol runtime
10. Migrated VAGen code to EGL
11. Tested EGL code on the host system
12. Test migrated code on the host system. Tests will be conducted in accordance with the Testing Plan using both code conversion and build generation processes to ensure full interoperability between the three products.
13. Student Training Materials
14. Student Training

2.4 Service Delivery Methodology

Each deliverable listed and described in Section 2.3 shall be reviewed by DCF and shall require formal approval from DCF prior to acceptance. The primary focus of DCF's review will be to determine compliance with the agreed plan and content of the deliverable and with the terms of any contract resulting from this RFQ. Vendors must include at least 10 work days in the project workplan per migration deliverable for DCF staff to conduct a complete review, test the migrated code and to document findings.

Based on the review findings, DCF may grant approval, may reject portions of or the complete document, or may request that revisions be made. Additional review periods may be required when revisions are requested or a deliverable is rejected. Each deliverable shall be complete

within and of itself, and shall be consistent with any previous deliverables produced. DCF reserves the right to require the vendor to revise deliverables previously approved or to reject current deliverables based on inconsistency among deliverables.

2.5 Training Objectives

The vendor shall ensure that DCF staff designated by the contract manager and will be trained in the philosophy and methodology to effectively and efficiently support and write RDB/EGL code.

2.6 Consultant Services

DCF reserves the right to acquire additional consulting services for related activities from the vendor during the term of the contract resulting from this RFQ, upon mutual agreement in writing, at the vendor's stated change order rate with the approval of the Secretary of the Department.

2.7 Staffing and Support

1. DCF will assign an individual as Contract Manager for this project.
2. DCF will provide office space for the vendor's staff consisting of one cubicle, one desk and one telephone. The vendor shall provide any other office facilities required for its staff. DCF will provide access to copying machines, but not the personnel to accomplish copying of documents.
3. DCF will not be responsible for providing administrative/clerical staff assistance or automation support to the vendor; the vendor must not rely on DCF staff for the development of contract deliverables.
4. Each vendor shall include their proposed staffing for administrative/clerical support.

3. Conditions for the RFQ process

The conditions for participation in this RFQ process are given below, and must be adhered to. Failure to do so could result in disqualification from the RFQ process.

This RFQ is issued pursuant to Section 287.056 Florida Statutes that can be viewed at: http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=Ch0287/SEC056.HTM&Title=->2006->Ch0287->Section%20056#0287.056,

Chapter 60A-1, Florida Administration Code which can be viewed at <http://fac.dos.state.fl.us/faonline/chapter60.pdf> and

State of Florida Purchasing Memorandum Number 02 (05-06) which can be viewed at <http://dms.myflorida.com/dms/content/view/full/11601>

3.1 Staff Security Obligations

The vendor shall have background screening consistent with their duties and access to data.

3.2 General

1. While DCF has every intention to award a contract as a result of this RFQ, issuance of the RFQ in no way constitutes a commitment by DCF to award and execute a contract. Upon a determination such actions would be in its best interest, DCF, in its sole discretion, reserves the right to:

- a. Cancel or terminate this RFQ, if it is deemed by DCF to be in its best interest to do so;
 - b. Reject any or all of the quote proposals submitted in response to this RFQ;
 - c. Change its decision with respect to the selection and to select another quote proposal, or to cancel the RFQ, if it is deemed by DCF to be in its best interest to do so;
 - d. Waive any minor irregularity in an otherwise valid proposal which would not jeopardize the overall program and to award a contract on the basis of such a waiver in the event DCF determines that such award is in the best interest of the State (minor irregularities are those which will not have a significant adverse effect on overall project cost or performance);
 - e. Clarify issues with any vendor whose quote proposal is within the competitive cost range with respect to technical plan and cost;
 - f. Adopt to its use all, or any part, of a vendor's quote proposal and to use any idea or all ideas presented in a proposal;
 - g. Amend the RFQ. Amendments to the RFQ will be made by written addendum issued by DCF and will be posted on the Vendor Bid System website;
 - h. Not award if it is in the best interest of the State not to proceed with contract execution.
2. Requests for on-site due diligence will not be entertained.
 3. Any Purchase Document entered into as a result of this RFQ process may be terminated if sufficient appropriations or authorizations do not exist. Sending written notice to the vendor will effect such termination. DCF's decision as to whether sufficient appropriations and authorizations are available will be accepted by the vendor as final.
 4. By submitting a response to this RFQ, the vendor agrees to accept the standard terms and conditions as set out in this RFQ, including DCF's Standard Contract (Appendix A). Where there are discrepancies among the documents, the Standard Contract and this RFQ's terms and conditions will take precedence over those within the vendor's quote proposal.
 5. If a contract is awarded, the vendor selected to be the prime contractor shall be responsible in total for all work of any subcontractors. The vendor shall be responsible to the State for the acts and omissions of all subcontractors or agents and of persons directly or indirectly employed by such subcontractors, and for the acts and omissions of persons employed directly by the vendor. Further, nothing contained within this document or any contract documents created as a result of any contract awards derived from this RFQ shall create any contractual relationships between any subcontractor and the State. If a proposing vendor intends to use subcontractors, the vendor must identify in the quote proposal the names of the subcontractors, portions of the work the subcontractors will perform, and background and experience qualifications specifically related to the work the contractor will perform on this engagement. A vendor's failure to provide this information may cause DCF to consider its proposal non-responsive and reject it.
 6. All materials submitted in response to this RFQ become the property of the State and are to be appended to any formal documentation, which would further define or expand any contractual relationship between the State and vendor resulting from this RFQ process, but which shall be subordinate to the DCF standard contract and this RFQ in the order of precedence.
 7. The vendor is responsible for the professional quality, technical accuracy, and timely completion and delivery of all deliverables and other services furnished by the vendor under any contract resulting from this RFQ process. The approval of deliverables furnished under any contract resulting from this RFQ process shall not in any way relieve the vendor of responsibility for the technical adequacy of its work. The review, approval, acceptance or payment for any of the services shall not be construed as a waiver of any

rights under the agreement or of any cause for action arising out of the performance of any contract resulting from this RFQ process.

3.3 Interpretation Requirement

1. The Terms and Conditions contained in Department of Management Services State Term Contract, IT Consulting Services, 973-001-06-1 will apply to this RFQ; however, the terms and conditions contained in this RFQ, in the vendor's proposal and in the resulting Purchase Document that are more favorable to the State shall have precedence over the State Term Contract.
2. DCF will not be responsible for any costs incurred by vendor for supplying the RFQ documents.
3. No guarantee on quantities of services to be ordered in this RFQ is provided.

3.4 The Department will give preference to Vendors that agree to these terms:

1. Vendors who acknowledge, in writing, they are solely responsible for fulfilling the Purchase Document agreement with DCF, regardless of the acts or actions of their employees, agents, or subcontractors.
2. Vendors who agree that liquidated damages shall be applied as payment reductions against their next Deliverable invoice for failing to meet agreed upon Migration Plan dates. Deliverables will be identified from the list of deliverables in Section 4.5 of this RFQ. The vendor will be assessed \$500 for each work-day, or portion thereof, exceeding the due date in the mutually agreed to Migration Plan for each Section 4.5 Deliverable, up to a maximum of thirty (30) days for each of these Deliverables. The contractual due dates for Deliverables may be amended as appropriate by mutual agreement of the parties for changes in the project. The monetary remedies described above may be waived or partially waived by DCF for good cause shown. Any liquidated damage amount would be credited by the vendor against the appropriate invoice for the deliverable submitted to DCF. The adjusted invoice would be processed for payment as specified in the contract resulting from this RFQ. DCF's Contract Manager would resolve discrepancies.
3. Vendors who agree that should any defect or deficiency in any vendor deliverables or work activities associated with any contract resulting from this RFQ is at no additional cost to DCF.
4. Vendors who agree the contract(s) executed from this RFQ will convey expectations to be met by the vendor including items such as required tasks, deliverables and their schedule of delivery, technical requirements, roles and responsibilities, and project reporting requirements.

3.5 DCF requires Vendors agree to these terms:

1. Vendors who agree the cognizant federal agencies and/or their representatives shall have access to State agency and vendor documents, work papers, or other records pertinent to the contract in order to make audits, examinations, excerpts and transcripts.
2. Vendors who agree they will comply with Federal rules relative to State ownership rights to all software products, documentation and intellectual property created under this acquisition.
3. Vendors who agree they will grant the Federal Government a royalty-free, nonexclusive, and irrevocable license to reproduce, publish, or otherwise use and to authorize others to use for Federal Government purposes, the software, modifications, and documentation developed and/or obtained through this acquisition.

4. RFQ Response Document

Proposals (RFQ responses with price quotes and resumes) must be electronically submitted via electronic mail to the Procurement Officer listed in Section 4.1. Proposals must be in the following format.

4.1 Submission of RFQ Responses

Electronic RFQ responses are due to the Office of Information Systems Procurement Office no later than February 11, 2009. Responsibility for timely delivery rests with vendor. The quote proposal shall be properly addressed to the Procurement Officer with the name of the vendor and the item description "DCF – VisualAge Migration Procurement" in the electronic mail subject line and delivered to David_Shepard@dcf.state.fl.us

Each proposing vendor must match exactly with the vendor name(s) listed at the top of the spreadsheet for State Term Contract number 973-001-06-1 as amended at the web site http://dms.myflorida.com/dms/state_purchasing/state_contracts_agreements_and_price_lists/state_term_contracts/information_technology_consulting_services. Each vendor must have been awarded the opportunity to offer staff by having a posted Hourly Rate under the Job Titles and Scope Variant as listed in State Term Contract number 973-001-06-1 as amended at the web site http://dms.myflorida.com/business_operations/state_purchasing/vendor_information/state_contracts_agreements_and_price_lists/state_term_contracts/it_consulting_services

4.2 Vendor Experience

1. *Vendor Experience*

Quote proposals in response to this RFQ need to include details regarding the proposed VisualAge migration methodologies and processes the Vendor will apply during the project. Quote proposals need to describe in detail previous VisualAge Migration engagements that the vendor successfully utilized the proposed methodology and process as a foundation. Quote proposals need to also provide evidence that the proposed migration methodologies and processes are fully developed and can be quickly reviewed, approved, and adopted by DCF.

2. *Team Member Experience*

Person level resumes detailing the experience of each migration team member must be submitted with the vendor's quote proposal. Resumes for each proposed migration team member is to include name, position, work experience related to DCF's migration needs, begin and end dates of the related work experience and contact numbers for each proposed team member. The vendor is responsible for ensuring sufficient detail is provided in the resume for DCF to determine the recentness of the related work experience, how extensive the related work experience is and the depth of knowledge and skills of the proposed team member related to the needs of DCF.

A. Project Director: The Project Director must have experience relevant to federal VisualAge migration processes and requirements, sufficient knowledge of the and actual experience in migrating VisualAge programs to RBD/EGL within the past three (3) years. Projects described must be similar to the requirements of this RFQ.

B. Professional Staff. Project staff must have working knowledge of VisualAge migration processes and requirements and actual experience in migrating VisualAge programs to RBD/EGL. Projects described must be similar to the requirements of this RFQ.

3. *Project Workplan*

This section must include a clear and thorough discussion of the vendor's plan for conducting this project, a schedule for completion of the work required by this RFQ, the

proposed method for handling potential problems, including but not limited to, contingencies and schedule delays. Specifically, this section must address:

- a. Methods for project status reporting.
- b. Approach to interfaces with DCF staff.
- c. Use of tools and automated software packages.
- d. Sign-off procedures for completion of deliverables and major activities.
- e. Assessment of project risks and approach to managing them.
- f. Any assumptions or constraints in developing the work plan.
- g. The workplan(s) and schedule(s) needs to clearly depict:
 - 1) All tasks and subtasks described in sufficient detail so DCF may understand the work involved.
 - 2) All tasks and subtasks with estimated amounts of DCF and vendor staff-days shown separately and totalled for each task.
 - 3) A network diagram showing planned start and end dates for all tasks and subtasks, indicating the interrelationship of subtasks, and identifying the critical paths.
 - 4) A schedule for all deliverables providing adequate DCF review time, revision time if needed, and additional subsequent review time.

4.3 Pricing

The quote and supporting proposal must identify the full cost for each vendor deliverable payment as well as resumes for each individual proposed by the vendor. Deliverables shall be priced as follows:

1. Recommended changes needed to prepare VaGen code for the migration, including all necessary and appropriate configuration maps and PMP's for code migration and code conversion usage
2. Installed RDz/RBD development environments
3. Configured RDz/RBD development environments
4. Installed migration tools and migration databases
5. Plan for code migrations
6. Installed and configured build server
7. Build scripts
8. Configured communication protocols between RBD and RDz for the migration
9. Configured z/OS Cobol runtime
10. Migrated VAGen code to EGL
11. Tested EGL code on the host system
12. Test migrated code on the host system. Tests will be conducted in accordance with the Testing Plan using both code conversion and build generation processes to ensure full interoperability between the three products.
13. Student Training Materials
14. Student Training

4.4 Terms and Conditions Greater than the State Term Contract

If the vendor is offering any terms and conditions more favorable to DCF than the DMS State term contract requires or required by this RFQ, these considerations should be separately and uniquely listed for DCF to consider.

4.5 Payment

The vendor will be paid through incremental payments following successful completion of each deliverable. Successful completion of a deliverable shall be determined by the DCF Contract Manager when each deliverable has been approved by DCF's Contract Manager. Following DCF's approval of each task, payment will be made based on the vendor's proposed price for that deliverable. The tasks are listed below:

1. Recommended changes needed to prepare VaGen code for the migration, including all necessary and appropriate configuration maps and PMP's for code migration and code conversion usage
2. Installed RDz/RBD development environments
3. Configured RDz/RBD development environments
4. Installed migration tools and migration databases
5. Plan for code migrations
6. Installed and configured build server
7. Build scripts
8. Configured communication protocols between RBD and RDz for the migration
9. Configured z/OS Cobol runtime
10. Migrated VAGen code to EGL
11. Tested EGL code on the host system
12. Test migrated code on the host system. Tests will be conducted in accordance with the Testing Plan using both code conversion and build generation processes to ensure full interoperability between the three products.
13. Student Training Materials
14. Student Training

The vendor shall submit the final invoice for payment to DCF no more than 45 days after acceptance of the final deliverable by DCF. Any payment due under the terms of any contract resulting from this RFQ may be withheld until all applicable deliverables and invoices have been accepted and approved by DCF.

5. Selection Process

The procurement will be awarded to the responsible vendor(s) whose candidate(s) are determined, in writing, to have the best knowledge, skill and ability taking into consideration the price and timeliness to complete all deliverables to determine the best value for DCF. However, DCF reserves the right to award a contract for a subset of the deliverables (for example, deliverables 13 and 14 only), reject any or all proposals received or to withdraw this RFQ if it is determined to be in the best interest of the State to do so.

Unsuccessful vendors will be notified. However, DCF reserves the right to re-select candidate(s) should negotiations with any vendor prove unsatisfactory or non-productive.

6. Term of the Contract

The term of any Purchase Document executed from this RFQ is currently envisioned to be one year. The successful vendor(s) must commit their cost quotes for the term of any Purchase Document, including any renewals and extensions.

Any contract(s) awarded as a result of this RFQ may be renewed for one term not to exceed three years. Such renewal shall be made by mutual agreement and shall be contingent upon satisfactory performance evaluations as determined by DCF and shall be subject to the availability of funds. Any renewal shall be in writing and shall be subject to the same terms and conditions as set forth in the initial contract.

APPENDIX A

Standard Contract