

**SUPREME COURT OF LOUISIANA  
400 ROYAL STREET, SUITE 1190  
NEW ORLEANS, LA 70130-8101**

**RFP 2015-002  
REQUEST FOR PROPOSALS FOR  
ETL SOFTWARE**

**I. PURPOSE**

The Supreme Court of Louisiana invites qualified bidders to submit proposals to provide an Extract, Transfer and Load (“ETL”) software tool as part of a data warehousing architecture that will be used to extract data from multiple data sources, transform the data to make it accessible to business analysis and load to multiple target data marts.

**II. BACKGROUND**

The Supreme Court of Louisiana (the “Court”) is a state court of last resort with its principal offices located in the Parish of Orleans, State of Louisiana. The Court presently employs approximately 231 full-time employees. A large majority of Court employees are housed in the 400 Royal Street Courthouse or in other New Orleans locations, along with a small satellite office in Baton Rouge.

Currently the Court processes 1.2 million records per year with various logical record lengths up to 813 characters. Files come into the court from multiple sources and are in a variety of formats including flat ASCII files and XML files.

**III. SUBMISSION OF PROPOSALS**

One (1) original and three (3) copies of each proposal must be **received**, either by hand delivery or by certified mail, no later than **5:00 p.m. on Tuesday, August 11, 2015** at the following address:

Attention: Frank DiFulco  
The Supreme Court of Louisiana  
Information Technology  
400 Royal Street, Suite 1240  
New Orleans, Louisiana 70130-8101

Any proposals which are received after this deadline will not be considered. All envelopes containing a proposal must bear the name of the entity making the proposal, and must have the following clearly written or typed on the face of the envelope: “Proposal for ETL Software.” No faxed or emailed submissions will be accepted.

All questions relative to this RFP should be directed to Mr. Frank DiFulco, and not to any other person at the Court. Mr. DiFulco may be reached via e-mail at [fdf@lasc.org](mailto:fdf@lasc.org).

The Court specifically reserves the right to reject, in full or in part, all proposals submitted, and/or to cancel this request for proposals, when such action is in the Court's best interests. Any contract which may be awarded shall be based upon the proposal which is most advantageous to the Court and its employees, costs and other factors considered. All contracts are subject to the availability of funds.

#### **IV. TIMETABLE FOR PROPOSALS**

Issue date of RFP	July 27, 2015
-------------------	---------------

Deadline for receipt of proposals	August 11, 2015
-----------------------------------	-----------------

**NOTE:** The Court reserves the right to amend and/or change this timetable as it deems necessary.

#### **V. SPECIFICATIONS**

The Supreme Court of Louisiana desires to purchase an Extract, Transfer and Load ("ETL") software tool as part of a data warehousing architecture that will be used to extract data from multiple data sources, transform the data to make it accessible to business analysis and load to multiple target data marts.

The proposal should contain the following information:

##### **OVERVIEW**

1. Provide a complete description of your proposed ETL solution including the key features of the product and what makes your solution unique.
2. Please define the hardware and operating system requirements for optimum performance and replication for a disaster recovery scenario.

##### **DEVELOPMENT ENVIRONMENT**

Please describe how your product handles the following:

1. Versioning of jobs
2. A drag-and-drop graphical user interface of wizards and tools for building ETL workflows, as well as inline integration of data profiling, data quality, and master data management.

3. Connectivity options: The ability to connect to, and save, data sources and targets with a wide variety of data types, databases, data formats, and service models. Explain ability to connect to manage NoSQL and big data management.
4. Version/configuration management of software upgrades.
5. Able to join data from multiple sources. Support for concurrent processing of multiple source data streams,
6. Reroute bad records to separate target.
7. Does the product support the ability of the end user to write user-defined functions?
8. Team Development. Does the toolset allow multiple developers to work on the same project concurrently, with the ability for multiple user input into modifications stored on a shared repository??
9. Support for data extraction, cleansing, aggregation, reorganization, transformation, calculation, and load operations, including the following functions:
  - Filter data, convert codes, perform table lookups, calculate derived values, de-duplication.
  - Validate data to check content and range of field values.
  - Perform procedural data cleansing functions.
  - Basic data value transformations, such as data-type conversions, string manipulations, and calculations.
  - Use of look-up tables, value standardization, replace operations.
  - Complex transformations, such as built-in fuzzy-matching algorithms (e.g., Levenshtein Distance), and sophisticated free-text pattern-matching and parsing (e.g., built-in Regular Expressions), ability to create custom user-defined functions.
  - Load cleansed data to the target data mart or central DW.
  - General transformation support (how many different transformation functions are available).
  - Automatic generation of sequence numbers.
10. Support for error handling in the load and transformation processes.

### **MANAGEMENT**

Please describe how your product handles the following:

1. Does the toolset schedule, coordinate, and execute all the steps involved in populating a data mart on a regular basis?
2. Ability to monitor and manage the runtime environment in real time.
3. Support graphical job sequencer, and nesting of sessions.
4. Produce audit and operational reports for each data load.
5. Automatic generation of centralized metadata.
6. Access to various features in a single user interface (for instance, do you need to open up a new module to evaluate data quality?)
7. Support for the analysis of transformations that failed to be accepted by the ETL process.
8. Ability to process an entire load and report all errors versus stopping on the first error.

9. Ability to process an entire record and report all errors with the record versus stopping on the first error.
10. Reporting of the results of an ETL session, including automatic notification of significant failures of the ETL process.
11. Ability to schedule ETL sessions based on time or the occurrence of a specified event, including support for command-line scheduling using external scheduling programs.
12. Ability to schedule FTP sessions based on time or event. (FTP remote flat file to application server: Windows).
13. Access data from multiple, operational data sources: Flat File interface, XML sources, other sources.
14. Restart on recovery (will the transformation process restart automatically from abnormal termination in a recovery mode, restart logic).

### **SCALABILITY**

Please describe how your product handles the following:

1. How scalable is the ETL tool? Can it allow scalability from 100MB data source to a 100GB data source without significantly degrading performance or requiring awkward database or platform swaps?
2. Distributed data warehouses/data marts.

### **PLATFORM EXTENSIBILITY**

Please describe how your product handles the following:

1. Hosting options on any operating system platform.
2. Code generation and access to source codebase to support deployment of scripted jobs on any platform.
3. Open-source implementation

### **DESIGN AND MODELING**

Please describe how your product handles the following:

1. Describe the functionality available to define the logical and physical data models
2. Ability to map flat files into a normalized, event-driven database, with logic to satisfy standard business requirements, and adapt to evolving requirements

### **SECURITY**

Please describe how your product handles the following:

1. Role based security.
2. Encrypts or hides passwords or connect strings to databases.

3. Allows source and target database security to prevail.
4. Requires registration of users to gain access to environment.

### **SUPPORT**

1. What support options are available at various licensing tiers? Be specific about, in particular, guaranteed phone support for technical issues, the process for escalation, and the hours when support are available
2. What options do you provide for training end-users?
3. What is your recommended implementation plan?
4. How large is the licensed user community?
5. What self-guided resources are available for users to troubleshoot technical problems, either hosted by the vendor, or by third-parties?

## **VI. ACQUISITION COSTS**

Please include all of the following costs in your proposal:

Software License costs (perpetual)  
Software maintenance and support costs  
Training costs  
Implementation assistance costs

## **VII. PUBLIC NATURE OF PROPOSAL AND PROSPECTIVE CONTRACT**

All proposals submitted in response to this request for proposals, and any contract which might ultimately be agreed upon, will be open to public inspection by any interested person, firm or corporation. Trade secrets or other proprietary information submitted by a proposer as part of its RFP may not be subject to public disclosure, provided the proposer specifies the relevant law supporting its request for confidentiality. However, the proposer must invoke the protections of this section prior to or upon submission of its proposal, must identify the specific data or other materials to be protected, and must state the reasons why protection is necessary. Any aspect of the proposal which addresses the cost of providing the requested services will not be considered confidential under any circumstance. Any proposal marked as confidential or proprietary in its entirety may be rejected without further consideration or recourse.

**It should be noted and understood that all proposals, contracts and other documents presented in connection with this RFP become the property of the Court.**

## **VIII. COURT DISCRETION**

The Court specifically reserves the right to reject, in full or in part, all proposals submitted, and/or to cancel this request for proposals, when such action is in the Court's best interests. In addition, the Court specifically reserves the right to waive any of the technical requirements of the proposal, when such action is in the Court's best interests.

Any contract which may be awarded shall be based upon the proposal which is most advantageous to the Court and its employees, costs and other factors considered. All contracts are subject to the availability of funds.

## **IX. CHANGES, ADDENDA, WITHDRAWALS**

The Court reserves the right to change the calendar of events or issue addenda to the RFP at any time. The Court also reserves the right to cancel or reissue the RFP.

If the proposer needs to submit changes or addenda, such shall be submitted in writing, signed by an authorized representative of the proposer, and cross-referenced clearly to the relevant proposal section. **All such changes must be received prior to the deadline for proposal submission.**

## **X. COST OF PREPARING PROPOSALS**

The Court is not liable for any costs incurred by proposers prior to issuance of or entering into a contract. Costs associated with developing the proposal, preparing the proposal, and any other expenses incurred by the proposer in responding to the RFP are entirely the responsibility of the proposer, and shall not be reimbursed in any manner by the Court.

## **XI. AUDIT OF RECORDS**

The State Legislative Auditor or other auditors so designated by the Court shall have the option to audit all accounts directly pertaining to the resulting contract for a period of three (3) years after project acceptance or as required by applicable State or Federal law. Records shall be made available during normal working hours for this purpose.

## **XII. RECORDS RETENTION**

The successful proposer shall maintain all records relating to any contract which is agreed upon for a period of at least three (3) years after acceptance by the Court.