Position Description: DLF Aquifer

Position Title: Metadata Librarian (Grant funded: Part time. Six month contract.)

Reports to: Aquifer Director

Position Summary
In coordination with the DLF Aquifer metadata working group, collects information about existing metadata mapping, remediation and enhancement tools. Through research, including contact with tool developers and consumers as well as independent testing, produces a report that evaluates the tools and analyzes the potential the tools have to be incorporated in a metadata remediation and enhancement workflow for sharable metadata.

Principal Duties

Using *DLF Aquifer Implementation Guidelines for Sharable Metadata* as a frame of reference, collect information about existing tools for metadata mapping, enhancement and remediation. Compile information about the status of the tools, the technology platforms they require and their robustness. Establish benchmarks for determining the effectiveness of the tools in producing the intended result. Test the tools in the American Social History Online test environment, if necessary, to determine their effectiveness. Based on the information gathered, determine the feasibility of chaining tools together to create a workflow that would map metadata and/or improve it. Generate a report summarizing the results of the study.

Position Requirements:

Education: Required: Advanced degree in Computer Science, Information Science or Library Science or equivalent experience.

Experience: Required: Documented experience using and evaluating data mapping or transformation tools in a digital library environment.

Knowledge, skills and abilities: Required: Excellent analytical abilities, ability to work in a distributed environment, self-motivated, ability to communicate complex technical information to a non-technical audience. Experience setting testing benchmarks and executing tests. Knowledge of MODS, EAD, VRA and MARC. Experience using XML and XSL for data transformation. Comfortable working in a unix environment.

Most important decisions or judgments:
- Adequacy of tools for their intended use
- Feasibility of using tools in a metadata workflow

Contacts:

Aquifer Director: Reports to. Submits final report to.

Metadata Working Group: Coordinates with, takes advice from, advises.

Research Programmer/Developer: Coordinates with, makes requests for testing support from.