

HRI IT Contractor Recruitment Posting – Expert Software Architect

Health Research, Inc. effectively evaluates, solicits, and administers external sponsored program funding to financially support projects, programs, and research for the New York State Department of Health.

In this capacity, Health Research, Inc. desires to execute and enter into a consultant agreement for the services of an **Expert Software Architect** for the period 10/15/2025 – 01/15/2026 with the possibility for extension. **All contracts and billing will be executed through Health Research, Inc. directly.** Should your company be interested in pursuing this opportunity, please read further.

*****The consultant must be willing to report to work onsite in Albany NY. Do not submit candidates who require remote work or who will not report onsite as needed. You must vet candidates for this qualification and their willingness to move promptly if not within commuting distance. This is non-negotiable. ******

Compensation Details:

Not to exceed \$89/hour

Scope of Work:

The New York State Department of Health (NYSDOH) Bureau of Surveillance and Data Systems is charged to maintain and enhance the statewide Electronic Clinical Laboratory Reporting System (ECLRS), the Communicable Disease Electronic Surveillance System (CDESS), and the Electronic Syndromic Surveillance System (ESSS). These are mission critical electronic systems to effectively monitor and respond to over 75 reportable diseases and to other public health emergencies and inform statewide policy decisions. Specifically, this position will conduct analysis of Electronic Clinical Laboratory Reporting System (ECLRS) and Communicable Disease Electronic Surveillance System (CDESS) processes associated with influenza data in support of identifying hospitalized influenza cases. This would include rules associated with moving influenza records from ECLRS to CDESS including how various subtypes are addressed. The incumbent will document these processes and work with program to identify gaps to make necessary modifications and enhancements to the existing processes. Finally, the contractor will implement these improvements including testing and validating them with a focus on improving reporting associated with subtyping.

Mandatory Qualifications:

- This position requires at least a bachelor's degree in engineering, Computer Science, MIS or equivalent from an accredited institution. A copy of the degree must be submitted with the Candidate Proposal Response.
- 84 months experience in using WebLogic application server
- 84 months experience in designing complex web applications on various development platforms, including REST web services
- 84 months experience in the design, implementation and deployment of Java SE, JDBC, Java Servlets and JavaScript with relational database model applications
- 84 months experience working with java-based service-oriented architecture
- 84 months experience in SQL object-relational mapping framework
- 84 months experience in application testing including design and implementation of test plans
- 84 months experience in working with HL7 messages
- 84 months experience in designing interfaces with SAS server environment

- Candidate must be legally authorized to work in the United States.

Instructions to apply:

Please review the attached requirements and for the one candidate you wish to propose for this position, submit the resume and Contractor Proposal Response to bsds@health.ny.gov by the **deadline of 10/08/2025, 4:00PM. Late submissions will not be considered. Candidates must be willing to work onsite.** Please note that the Consultant Proposal Response must include the Federal ID # and Unique Entity Identifier (UEI) number and the SAM.gov profile must be up to date.

Candidates will be scored on methodology that considers both cost and technical qualifications.

It is anticipated that interviews for the project will be scheduled for the starting October 10th with expected work to commence no later than October 15, 2025.

The consultant will be expected to work 40 hours per week at our location at **Empire State Plaza, Albany, NY 12210**

For any questions, please contact us at bsds@health.ny.gov