

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 a **Software Developer Level 1** for the period 12/22/2025 – 07/31/2026. **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 Menands 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 \$57/hour

Scope of Work: The Mid-level Software Developer will support the modernization of the Health Electronic Response Data System (HERDS). HERDS allows for DOH Program survey design to capture authenticated responses to critical public health questions. Pending enhancements include simplifying UI to allow for user-friendly customizations and validations, as well as an older codebase indicate that a rewrite to a newer framework is necessary to meet programmatic needs. The Mid-level Software Developer will perform application development tasks including researching and documenting technical designs, programming solutions, writing and executing unit test plans, researching, resolving, and testing defects, customer technical support, and close collaboration with other team members. The Mid-level Software Developer will review business requirements documentation with technical manager to ensure clarity in implementation of technical design; implement systems and program design to meet highly complex business needs and technical design document; create appropriate documentation in work assignments such as program code and technical documentation; assist the technical manager in development time estimates and assigned tasks; codes, tests, debugs, implements, and documents highly complex programs, and developing complex test plans to verify logic programs; troubleshoots complex end user technical issues, identifying problems and leading solutions; implement release management process including technical steps to promote, test and release through the development environment, coordinating with infrastructure staff.

Mandatory Qualifications:

- This position requires at least a bachelor's degree in Computer Engineering, Computer Science, MIS or equivalent from an accredited institution. A copy of the degree must be submitted with the Candidate Proposal Response.
- 2 years' experience with all facets of the software development process, including the research, design, programming, testing and implementation of computer software.
- 2 years' experience with Java framework and technology: Spring Boot, Java EE (servlet, JPA ... etc.).
- 2 years' experience with relational database platforms and technology (e.g. Oracle SQL, PostgreSQL)
- Candidate must be legally authorized to work in the United States.

Preferred Qualifications

- 2 years' experience in the design, implementation and deployment of Single Page Web Applications, preferably using Angular and Typescript.
- 2 years' experience with SPA fundamental concepts such as component-based architecture, dynamic rendering, asynchronous programming, and PrimeNG UI Framework.
- 2 years' experience in REST API design and implementation with strong knowledge of API security, authentication, and authorization.
- 1 year of experience with survey management tools or headless Content Management System (CMS) tools, such as Form.io, with expertise in leveraging its API-first approach, content modeling, and headless architecture to manage and deliver content across various channels and devices.
- 2 years' experience with Git version control operations and branching strategies, and familiar with CICD pipeline and technology for automation.

Instructions to apply:

Please review the attached requirements and for the one candidate you wish to propose for this position, submit the resume, copy of candidate Identification (i.e. Driver's License/Green Card/Visa and Passport if applicable) and Contractor Proposal Response to doh.sm.bhnsadmin@health.ny.gov by the **deadline of 11/19/2025, 4:00PM. Late submissions will not be considered. Candidates must be willing to work onsite.** Please note that the Consultant Proposal Response must also include your Federal ID # and Unique Entity Identifier (UEI) #. Your SAM.gov profile must also 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 week of November 19 with expected work to commence no later than December 22, 2025.

The consultant will be expected to work 40 hours per week at our location at 800 North Pearl St Menands, NY 12204.

For any questions, please contact us at doh.sm.bhnsadmin@health.ny.gov