JOB VACANCY

Response Due Date: **July 27, 2011**

Title and Salary Grade: **Information Technology Specialist 4 (Special Expertise), NS (Equated to Grade 25)**
Items #51222, 51223, 51224, 51225, 51226, 51227, and 51235

Salary Range: From $73,768 to $92,974 Annually

Negotiating Unit: PS&T

Location: **Planning and Technology,
Enterprise Architecture Unit
W. Averell Harriman State Office Campus, Bldg 12
Albany, NY 12240**

Number and Status of Vacancies: Seven temporary vacancies. Five-year Term position under Section 66 of the Civil Service Law In-sourcing Initiative.

Travel Requirements: Occasional

Duties: These positions plan and architect the SOA applications including domain models, operational models, activity diagrams, sequence diagrams, service models, service specifications and overall architecture diagrams. Responsibilities include overseeing automated and manual code reviews of system programs seeking to ensure coding standards across the enterprise are adhered to, code runs efficiently and code does not contain security vulnerabilities.

- Review information system security requirements to ensure adequate access controls including integration points for identity management and efficient functional access for end users;

- Assist in the development of unit, component and system test plans and data with user input, including both functional and performance testing;

- Architect new and revised systems and ensure architectural documentation and system security measures are appropriate and comply with agency, Office for Technology, and New York State information security policies;

- Participate in the design, development and implementation of computer security programs as it relates to applications systems access and accessibility;

- Architect and design Labor's web-facing systems using SOA (Service Oriented Architecture) including the use of WSDL (Web Service Definition Language), XML

(Extensible Markup Language), XSD (XML schema definition), and UDDI (Universal Description Discovery and Integration);

- Use Websphere Integration developer (WID), Oracle BPEL Process Manager, Apache ODE, JBOSS JPBM, or ActiveBPEL, implement BPEL (Business Process Execution Language) to orchestrate various service layers in Labor's SOA;

- Use an ESB (Enterprise Service Bus) to abstract consumer's consumption of services and to mediate service communication between disparate platforms;

- Architect and design a Data Access Layer abstraction through such frameworks as Hibernate or Enterprise Java Beans (EJB) so that SOA composite application development teams are abstracted from data in backend systems;

- Interpret business process models to identify and document business items, business objects and services for the SOA composite application development teams; and

- Architect workflow design and integration points for SOA composite applications to create workflow patterns used by developers.

Required Qualifications: Six years of experience designing and developing enterprise-wide applications and system components within a Service Oriented Architecture (SOA) environment.

The above experience must include all of the following:

- Application of Business Process Execution Language (BPEL) implemented through Websphere Integration Developer (WID), Oracle BPEL Process Manager Apache ODE, JBOSS JPBM or Active BPEL;

- Web Service Development using JAVA, XML;

- Integration of various platforms using Enterprise Service Bus (ESB);

- Data Access Layer Abstraction through such framework as Hibernate or Enterprise JAVA Beans (EJB);

- Identity and access management framework design; Service Model Design; Service Specification Design; Security Architecture including Data Power Skills;

- Business Process Modeling; Workflow Design; Business Domain Model Design;

- Utilization of Rational Tool Suite and Requisite Pro;

- Graphic User Interface Framework (GUI Framework);

- Object Oriented Design;

- IBM Certified SOA Solution Designer and/or IBM Certified Solution Expert; and

- Establishing and managing a Websphere Registry and Repository within the Service Development Life Cycle at the analysis, design and construction of a services/ component application architecture.

Additional Comments:

THIS WILL BE A TEMPORARY APPOINTMENT FOR A DURATION OF UP TO FIVE YEARS UNDER CHAPTER 500 SECTION 66 OF THE IT IN-SOURCING INITIATIVE. After serving two continuous years, candidates will have the opportunity to compete in an exam, which may result in a permanent appointment. For more information on the IT In-Sourcing Initiative, please visit: http://www.budget.state.ny.us/guide/ITInsourcing/IT_insourcing.html.

If you meet the required qualifications and are interested in applying, please forward a cover letter, resume and if applicable, documentation validating your educational credentials. Please reference job title and item number on your cover letter and/or resume when responding. Forward to one of the following contacts:

Email @ labor.sm.personnel.va@labor.state.ny.us

Fax @ 518/485-9495

If you have any questions, please contact our Personnel Office at 518/457-1220.