Idaho Judicial Branch
Position Description

Position Title:	IT Enterprise Technical Architect
Effective Date:	October 2019
Salary Grade/Range:	$80,523 - $93,760
FLSA Status:	Exempt – Computer
EEO Job Category:	Professional

General Position Summary:

The Idaho Supreme Court is seeking a technical, highly motivated, experienced candidate for the IT Enterprise Technical Architect position to proactively and holistically lead enterprise architecture (EA) activities, to include the creation of deliverables that guide the direction, development, and management of the Idaho Court's technologies. This person will support the organization to understand, predict, and respond with technological responses to disruptive forces and targeted business outcomes. Technologies may include data center, infrastructure, cloud, mobile, Internet of Things (IoT), operating systems, integration platforms, business software applications, and other components. The Technical Architect will provide the leadership, facilitation, analysis and design required for the development of the enterprise's technical architecture. This person will create deliverables that help develop target-state guidance (reusable standards, guidelines, individual parts, and configurations) for documenting and evolving the technical infrastructure across the enterprise, in order to enable the business strategy and deliver targeted business outcomes. The Architect will facilitate and orchestrate the delivery of targeted business outcomes through technical decisions. This person will also assist the technical organization in understanding how best to improve, troubleshoot, and stabilize existing technologies to achieve current business demands.

This position will have many learning and training opportunities to plan, advise, and advance our technology stack, keep the courts up to date and stay current in technology. This position will work within the Information Division with more than 40 IT teammates. The position reports to the Chief Information Officer.

Major Duties and Responsibilities: (The examples provided do not cover all the duties which the incumbent in this position may be required to perform.)

- Works with peers to analyze the enterprise business context (business strategy and trends), as well as change requirements, to derive the technology architecture future state. This includes defining the requirements, principles and models that guide technology decisions for the enterprise;
- Understands technology trends and the practical application of existing, new and emerging technologies to enable new and evolving court needs and operating models;
- Drives digital innovation by leveraging innovative new technologies and approaches to renovate, extend, and transform the existing core technology base and IT platforms;
- Defines high-level migration plans to address the gaps between the current and future state, typically in sync with the IT budgeting or other capital planning processes;
- Leads the analysis of the current technology environment to detect critical deficiencies and recommends solutions for improvement;
- Leads the analysis of technology industry and market trends to determine their potential impact on the enterprise as well as on the enterprise technology architecture;
- Coaches, mentors and collaborates with technical subject matter experts and peers to develop a technology architecture that enables and drives new business capabilities and operating models, as well as provides highly available and reliable services;
- Leads the design of the governance, assurance and standards activities associated with ensuring enterprise technology architecture compliance;
- Oversees, or consults on, technology implementation and modification activities (for example, projects or initiatives), particularly for new or shared infrastructure solutions;

- Consults on application or infrastructure projects to harmonize systems or infrastructure with the enterprise technology architecture, and identifies when it is necessary to modify the enterprise technical architecture to accommodate immediate or future project needs;
- Consults with technology vendors and partners (to include county IT staff and/or contractors) to discuss enterprise architecture needs and to develop plans to improve the interaction with their technologies to meet business objectives;
- Serves as the primary technical architect for the end-to-end technology stack supporting the Idaho Court's primary business applications and systems (e.g. case management, electronic filing, portals, financial management, etc);
- Oversees and facilitates the research, evaluation, and selection of hardware and software technology and product standards, as well as the design of standard configurations;
- Identifies the organizational impact (for example, on skills, processes, structures and culture) and financial impact of the enterprise technology architecture;
- Assists IT leadership and the Division of Finance to clearly understand the investment needs outlined in the technology roadmaps, tracks currency of maintenance and lifecycle agreements, and forecasts budgetary needs to keep technology current;
- Documents necessary enterprise technology architecture design and analysis work, possibly including project postmortem documentation and metric collection;
- Helps define and track metrics to measure and demonstrate enterprise technology value;
- Assists subject matter experts from any other needed technical areas;
- Collaborates with business constituents, project teams and staff in various IT functional areas as needed to fulfill the responsibilities described above;
- Performs other duties as assigned.

Minimum Qualifications:

Education and Experience
- Bachelor's degree in computer science, system analysis or a related study, or equivalent experience;
- Minimum of five years of design and implementation experience in IT, with a deep knowledge in a minimum of two of the following technical disciplines: infrastructure and network design, application development, application programming interfaces (APIs), middleware, servers and storage, database management, and operations;
- Exposure to multiple, diverse technical configurations, technologies and processing environments (such as inside-out, outside-in and outside-out).

Knowledge, Skills, and Abilities
- Excellent interpersonal skills in areas such as teamwork, facilitation and negotiation;
- Strong leadership skills;
- Excellent analytical and technical skills;
- Excellent written and verbal communication skills;
- Excellent planning and organizational skills;
- Knowledge of many, if not most, aspects of an enterprise technology architecture;
- Knowledge of information principles and processes;
- Knowledge of financial models and budgeting;
- Understanding of network and security architecture
- Understanding and knowledge of system development life cycle methodologies (such as waterfall, spiral, agile software development, rapid prototyping, incremental, synchronize and stabilize, and DevOps)
- Understanding and knowledge of IT service management (ITSM) and Information Technology Infrastructure Library (ITIL)
- Knowledge and understanding of different modeling languages (such as UML and ArchiMate)
- Understanding and knowledge of IT standards and controls
- Ability to work independently;

- Ability to communicate effectively verbally and in writing;
- Ability to match system solutions to specific user requirements and functions;
- Ability to follow complex verbal and written instructions;
- Ability to detect and define obscure problems and propose feasible, cost-effective solutions;
- Ability to write, read, and interpret flow charts and other documentation;
- Ability to display an attitude of cooperation and work harmoniously with all levels of court employees, the general public, and other organizations;
- Ability to complete assignments in a timely fashion;
- Ability to travel throughout the State of Idaho.

The judicial branch reserves the right to consider an equivalent combination of education, training, and/or experience in determining whether an applicant is capable of performing the assigned duties and fulfilling the assigned responsibilities of this position.

Application Instructions:
If interested in being considered for this position, please complete the employment application on our website at www.isc.idaho.gov/careers and submit it, along with your cover letter and résumé, to hr@idcourts.net or to the Idaho Judicial Branch, Human Resources Office, P.O. Box 83720, Boise, ID 83720-0101. Application packets must be received by *Friday, December 27, 2019 by 5:00 p.m., MST.*