

DUTY STATEMENT

CALIFORNIA PUBLIC UTILITIES COMMISSION

DIVISION Information Technology Services Division		EFFECTIVE DATE
BRANCH/SECTION		CLASS TITLE Information Technology Manager II – Chief Technology Officer (CTO)
WORKING DAYS AND WORKING HOURS Monday through Friday 8:00 a.m. to 5:00 p.m.		PHYSICAL WORK LOCATION Sacramento
INCUMBENT (if known)		CURRENT POSITION NUMBER (Agency - Unit - Class - Serial) 680-406-1406-001
YOU ARE A VALUED MEMBER OF THE DEPARTMENT'S TEAM. YOU ARE EXPECTED TO WORK COOPERATIVELY WITH TEAM MEMBERS AND OTHERS TO ENABLE THE DEPARTMENT TO PROVIDE THE HIGHEST LEVEL OF SERVICE POSSIBLE. YOUR CREATIVITY AND PRODUCTIVITY ARE ENCOURAGED. YOUR EFFORTS TO TREAT OTHERS FAIRLY, HONESTLY AND WITH RESPECT ARE IMPORTANT TO EVERYONE WHO WORKS WITH YOU.		
BRIEFLY (1 or 2 sentences) DESCRIBE THE POSITION'S ORGANIZATIONAL SETTING AND MAJOR FUNCTIONS: Under the administrative direction of the Chief Information Officer (CIO), the incumbent serves as the Chief Technology Officer (CTO) leading efforts to optimize and modernize CPUC's IT operations and technology environment to ensure stability, security, efficiency, and the strategic use of technology to enhance business operations and service delivery. This role is hands on and oversees daily IT operations and workforce management, drives technology investments aligned with the current business model, advises the CIO on strategic technology direction, and leads the implementation of enterprise-wide technology initiatives that promote innovation and operational excellence.		
% Of time performing duties	Indicate the duties and responsibilities assigned to the position and the percentage of time spent on each. Group related tasks under the same percentage with the highest percentage first. <i>(Use additional sheet if necessary)</i>	
35%	<u>ESSENTIAL FUNCTIONS:</u> Ensuring Operational Excellence & Stability: <ul style="list-style-type: none"> • Directs and manages day-to-day IT operations, including Help Desk, enterprise infrastructure, network, application development, systems, cloud, and storage administration, ensuring high availability, performance, scalability, and security across internal and external technology environments. • Responsible for the management, planning, and execution of technical activities related to Cloud infrastructure, integration, data conversion, networking, disaster recovery, interface development, training, and testing. • Set direction for networking/systems design, development workflows, release management processes, and continuous integration/delivery pipelines. • Leads efforts in business process optimization for IT services and manages vendor relationships for technology procurement and services. • Leads budget planning and financial management for technology investments, infrastructure upgrades, software licensing, and maintenance contracts; collaborates closely with the CIO to ensure cost-effective technology solutions and oversee expenses within the Information Technology Services Division. • Oversees IT service management (ITSM) and ensure operational resilience, business continuity, and disaster recovery capabilities for all critical systems. • Actively monitors and responds to incidents that might affect highly available and performant systems, ensuring quick resolution and minimal disruption. 	
35%	Technology Landscape Optimization & Modernization: <ul style="list-style-type: none"> • Responsible for maintaining and optimizing the existing technology landscape across business and IT, including business applications, operational technology, and employee devices. • Guides the analysis, planning, and design for modernizing infrastructure, leveraging 	

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<p>25%</p>	<p>mainstream and emerging technologies like cloud computing, automation, and AI to enhance operational efficiency, reduce costs, and improve service delivery.</p> <ul style="list-style-type: none"> • Develop architectural frameworks required for the integration of various operational technologies with each other and with the information technology that supports key business applications • Supports application development teams by providing a stable, secure, and optimized technology foundation and guiding the selection of appropriate tools and platforms. • Establishes and communicates requirements for acquiring technology applications, services, systems, and equipment, and negotiates/manages vendor contracts to cost and performance standards. • Develop strategic roadmaps to support innovation and optimizations that increase efficiencies, reduce costs and risks, and improve business operations. <p>Develop strategies governing the adoption and development of Generative Artificial Intelligence (GenAI), ensuring tools and solutions support CPUC’s mission and adhere to ethical guidelines.</p> <p>Technology Strategy and Talent Development:</p> <ul style="list-style-type: none"> • Collaborates with developing and implementing IT security policies and risk management actions to ensure internal and external systems are safe and secure. • Collaborates on defining the technology strategy and roadmap that aligns with business objectives, with a strong focus on optimizing cost and spending and improving product/service quality. • Advises on and makes key technology investment decisions and procurement for major IT systems (e.g., CRM, ERP, infrastructure), supporting the current business model. • Fosters a culture of continuous learning, coaching, and development within the IT team, ensuring employees are trained and developed to meet current and future IT challenges and exceed customer expectations, with an emphasis on technical skills. <p>Collaborate with key stakeholders within IT and CPUC to ensure technology strategy aligns with overall business objectives</p>
<p>5%</p>	<p><u>MARGINAL FUNCTIONS:</u></p> <p>Advises and/or acts for the CIO on all information technology matters and responds to inquiries from legislators, public agencies and the private sector. Travel is required, including some weekend work for outreach events and other job-related duties.</p> <p><u>KNOWLEDGE AND ABILITIES</u> <i>[From Class Specs]</i></p> <p>Knowledge of: Information technology concepts, practices, and principles to provide a foundation for technology related work.</p> <p>Principles, techniques, and procedures related to the delivery of information technology services; the System Development Lifecycle including the associated methodologies, tools, and processes; the organization’s business processes and procedures; education tools and techniques; performance monitoring tools and techniques; and data administration techniques and best practices.</p> <p>Information technology governance principles and guidelines to support decision making; complex and mission critical business processes and systems; principles, methods and procedures for designing, developing, optimizing, and integrating systems in accordance with best practices; system specifications design, documentation, and implementation methodologies and techniques.</p> <p>Emerging technologies and their applications to business processes; business or systems process analysis,</p>

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design, testing, and implementation techniques; techniques for assessing skills and education needs to support training, planning and development; business continuity and technology recovery principles and processes; principles and practices related to the design and implementation of information technology systems; information technology systems and data auditing; the department's security and risk management policies, requirements, and acceptable level of risk; application and implementation of information systems to meet organizational requirements; project management lifecycle including the State of California project management standards, methodologies, tools, and processes; software quality assurance and quality control principles, methods, tools, and techniques; research and information technology best practice methods and processes to identify current and emerging trends in technology and risk management processes; and state and federal privacy laws, policies, and standards.

Development and application of technology in the current and future business environment; emerging technologies and their applications to business processes; policy development; and applications and implementation of information systems to meet organizational requirements.

The principles of personnel management, supervision, and training; the organization's mission, policies, principles and practices; business and management principles involved in strategic planning, resource allocation, leadership technique, coordination of people and resources; principles and practices of organization, administration, personnel (recruitment, selection, training, compensation, benefits, labor relations, negotiation, and personnel information systems), and budget management; organizational roles and responsibilities and the ability to tailor training appropriately; principles and practices of employee supervision, development, and training; a supervisor's responsibility for promoting equal opportunity in hiring and employee development and promotion; maintaining a work environment which is free of discrimination and harassment; principles of personnel management, supervision, and training; the department's Equal Employment Opportunity objectives; and a supervisor's role in Equal Employment Opportunity and the processes available to meet equal employment objectives.

A manager's responsibility for promoting equal opportunity in hiring and employee development and promotion and maintaining a work environment which is free of discrimination and harassment; the department's Equal Employment Opportunity objectives; and a manager's role in Equal Employment Opportunity and the processes available to meet equal employment objectives.

Ability to: Manage through subordinate supervisors; effectively promote equal opportunity in employment and maintain a work environment that is free of discrimination and harassment; and effectively contribute to the department's Equal Employment Opportunity objectives.

DESIRED KNOWLEDGE, ABILITIES, AND ANALYTICAL QUALIFICATIONS:

The incumbent must possess the highest degree of both managerial skills and technical expertise required for managing a highly complex and sensitive function, policy development, and working closely with executive level staff in and outside of CPUC.

The incumbent must have the knowledge of: principles, practices, and trends of public administration, including management, organization, planning, cost benefit analysis, budgeting, and project management and evaluation; current computer industry technology and practices; principles of data processing systems design, programming, operations, and controls; State level policies and procedures relating to IT; commitment to the department's goals and policies; principles of the governmental functions and organizations at the State level, including the legislative process.

The incumbent must have the ability to: develop and evaluate alternatives, make decisions and take appropriate action; establish and maintain priorities; effectively develop and use resources; identify the need for and assure the establishment of appropriate administrative procedures; plan, coordinate and direct the activities of a data processing staff; make effective use of interdisciplinary terms; reason logically and

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creatively and use a variety of analytical techniques to resolve managerial problems; persuasively negotiate agreements with various internal and external clients; present ideas and information effectively, both orally and in writing; consult with and advise administrators and other interested parties on a variety of subject-matter areas, translating technical data processing terms into everyday language, gain and maintain the confidence and cooperation of others. The incumbent must have the ability to perform politically sensitive policy influencing functions effectively and have a thorough knowledge and understanding of emerging network and telecommunications technology as well as CPUC business needs.

The incumbent must have extensive decision-making authority by initiating key actions and influencing key decisions. The scope of the work involves planning, developing and implementing technological solutions that are essential to the department's mission, and the delivery of critical services to the department and the general public. Errors in judgment or decisions could negatively affect the successful implementation of critical projects and have a serious detrimental effect on the operating efficiency of the department. Inability to respond in a timely manner to requests from the Governor's Office, Legislative Office, Department of Finance, control agency (California Department of Technology) etc. may adversely affect the department's ability to secure funding/resources vital for the implementation of projects that affect the mobility of goods within the State.

WORK ENVIRONMENT, PHYSICAL OR MENTAL ABILITIES:

- This position is covered in the Political Reform Act and is required under the CPUC's Conflict of Interest Code to complete and file a financial disclosure Form 700 within 30 days of appointment and annually by April 1st thereafter.
- Work in a climate-controlled office under artificial lighting. There will be occasional fluctuations in temperature. Sit at a desk during core office hours. Use a computer, keyboard, mouse, monitor, and printers for prolonged periods of time. Bend and stoop to retrieve and replace files and records weighing up to 20 pounds. Move about the office and stand or sit during in person meetings.
- Proficiently use standard office technologies, including computer applications, phone equipment, Internet, voicemail, email, etc.
- Occasional travel via private or public transportation (i.e., drive an automobile, take an airplane flight, etc.) including overnight lodging inside California may be required.
- This position is FLSA exempt and may require some work outside of normal business hours.

SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE

SUPERVISOR'S NAME (Print) Simi Keechilot	SUPERVISOR'S SIGNATURE	DATE
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EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT

The statements contained in this duty statement reflect general details as necessary to describe the principal functions of this job. It should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned, including work in other functional areas to cover absence of relief, to equalize peak work periods or otherwise balance the workload.

EMPLOYEE'S NAME (Print)	EMPLOYEE'S SIGNATURE	DATE
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