



Problem Resolution Report
 CoSD Contract No. 568996
Chief Artificial Intelligence Officer (CAIO)
Services Resource Unit
Peraton/CoSD – 165



Date: May 18, 2026

Title: Chief Artificial Intelligence Officer (CAIO) Services Resource Unit

PRR Number: 165

Summary:

In accordance with the provisions of the IT and Telecommunications Service Agreement by and between the County of San Diego (“County”) and Peraton Enterprise Solutions LLC (“Contractor” and hereinafter collectively referred to as “the Parties”) with the effective date November 15, 2016 agreement (“the Agreement”) is reached on the effective date shown below.

Issue or Problem:

To address the County’s new technological needs, the Parties seek to replace the Enterprise Applications Architect Services with the Chief Artificial Intelligence Officer Services.

Resolution:

1. A new Chief Artificial Intelligence Officer Services Resource Unit (RU) is added to the Agreement, with a corresponding monthly Fee of \$23,723.82.
2. The Enterprise Applications Architect Services RU, with a corresponding monthly Fee of \$19,097.64 is removed from the Agreement.
3. Schedule 16.1-4 – Labor Categories is amended by replacing Section 3.2 – Enterprise Application Architect (EAA), with Section 3.2 - Chief Artificial Intelligence Officer (CAIO), as per Attachment 1 to this PRR.
4. Schedule 4.3 – Operational Services is amended by replacing Section 2.23 – Enterprise Application Architect (EAA), with Section 2.23 - Chief Artificial Intelligence Officer (CAIO), as per Attachment 2 to this PRR.
5. Exhibit 16.1-6 is amended to add the Chief Artificial Intelligence Officer Services (CAIO) RU and to remove the Enterprise Application Architect (EAA), as per Attachments 3 to this PRR.

The resolution of the issue or problem as described in this Problem Resolution Report shall govern the Parties’ actions under the Agreement until a formal amendment of the Agreement is implemented in accordance with the terms of the Agreement, at which time this Problem Resolution Report shall be deemed superseded and shall be null and void.



Problem Resolution Report
CoSD Contract No. 568996
Chief Artificial Intelligence Officer (CAIO)
Services Resource Unit
Peraton/CoSD – 165



All other terms and conditions of the Agreement remain unchanged, and the Parties agree that such terms and conditions set forth in the Agreement shall continue to apply. Unless otherwise indicated, the terms used herein shall have the same meaning as those given in the Agreement.

IN WITNESS WHEREOF, The Parties hereto, intending to be legally bound, have executed by their authorized representatives and delivered this Problem Resolution Report as of the date first written above.

COUNTY OF SAN DIEGO

MAGGIE RAMSBERGER, Interim Director
Department of Purchasing and Contracting

By: *Brenda G. Miller*
Name: Brenda Miller
Title: Assistant Director
Date: Jun 18, 2026

PERATON ENTERPRISE SOLUTIONS LLC

By: *[Signature]*
Name: Max Pinna
Title: Contracts Manager
Email: max.pinna@peraton.com
Date: Jun 18, 2026

By electronically signing this document, all parties accept the use of electronic signatures.

Adobe Acrobat Sign Transaction Number: CBJCHBCAABAA284MpaAtGvVOBxFWOXJFwu75w60UPZqC

3. KEY PERSONNEL LABOR CATEGORIES

3.2 Chief Artificial Intelligence Officer

The Chief Artificial Intelligence Officer (CAIO) is responsible for architecting and delivering secure, high-performance distributed systems across cloud and edge platforms. This role serves as a technical focal point for the integration of Generative AI systems, ensuring that Artificial Intelligence/Machine Learning (AI/ML) and Graphics Processing Unit (GPU) intensive workloads are deployed in production environments with a strict emphasis on security, County standards, regulatory compliance, resilience, and operational reliability. The CAIO works across functional teams to align scalable platforms with stringent compliance and governance requirements.

The CAIO serves as the strategic and technical catalyst for the County's transition into AI-driven value chains. Modeled after the Chief Technical Architect (CTA), this Key Personnel role is responsible for setting the architectural direction, identifying emerging trends, and developing cognitive roadmaps to guide technology progress year-over-year. A core mandate of this position is to enable rapid prototyping in the innovation program, moving initiatives from "Idea to Value" at high velocity. Acting as the primary bridge between technical domain architects and County business leaders to ensure all AI infrastructure meets enterprise goals for adaptability and complexity reduction.

Skills and Abilities

- Exceptional technical team leadership and mentorship capabilities, including the ability to build engineering support teams from the ground up.
- Proven ability to own end-to-end architecture for multi-region and hybrid cloud environments.
- Deep expertise in Large Language Models (LLM) deployment architecture, GPU workload orchestration, and model-serving pipelines.
- Expert knowledge of secure Software Development Life Cycle (SDLC) implementation, secrets management, and encryption for mission-critical systems.
- Proficiency in Infrastructure as Code (AWS CDK, Terraform), MLOps, and Continuous Integration/Continuous Delivery (CI/CD) for complex ML systems.
- Skilled in stakeholder engagement and translating complex technical alternatives into actionable business solutions.
- Proven skills in performance benchmarking and inference optimization for low-latency, real-time data processing.
- Capable of developing rapid proof-of-concept applications and lead the validation of complex distributed platforms.
- Able to design asynchronous cloud integrations and secure API gateways to manage high-latency external systems
- Train and prepare technical staff for advanced industry certifications and professional growth
- Hands-on expertise in rapid prototyping to translate complex business requirements into functional proofs-of-concept

Education and/or Experience:

Education, training, and/or experience that demonstrate possession of the knowledge, skills and abilities listed above. Examples of qualifying education/experience:

1. Master's or equivalent university degree in computer science, data science, computer engineering or a related field of study, and ten (10) years of experience in technology with a focus on solution development and architecture, and five (5) years hands-on experience designing and deploying AI/ML and GPU-intensive workloads in production environments. AI/ML deployment experience includes model development or oversight, data governance, responsible/ethical AI programs, and enterprise analytics or automation programs.
2. Bachelor's or equivalent university degree in computer science, data science computer engineering or a related field of study, and fifteen (15) years of experience in technology with a focus on solution development and architecture, and five (5) years hands-on experience designing and deploying AI/ML and GPU-intensive workloads in production environments. AI/ML deployment experience includes model development or oversight, data governance, responsible/ethical AI programs, and enterprise analytics or automation programs.

Highly desired: Professional-level and specialty certifications, specifically in Cloud Architecture, DevOps, Machine Learning, and Security preferred.

Schedule 4.3 – Operational Services

2.23 Chief Artificial Intelligence Officer Services

2.23.1 Overview

Chief Artificial Intelligence Officer (CAIO) Services Framework Component of Cross Functional Services describes the roles and responsibilities that support County business by providing enterprise-wide architectural leadership across AI, cloud, and secure distributed systems. The CAIO is responsible for developing and executing a comprehensive technology strategy that spans generative AI enablement, cloud-native Machine Learning Operations (MLOps), Graphics Processing Unit (GPU) accelerated compute platforms, and mission-critical security architecture. The CAIO is designated as Key Personnel and will be staffed accordingly.

The CAIO shall provide architectural direction and technical oversight across all projects, developing and maintaining a set of cognitive roadmaps that guide the organization's technology posture year over year with particular emphasis on the secure deployment of AI and machine learning workloads in production environments.

The CAIO shall provide the bridge between deeply technical domain architects, machine learning engineers, security specialists, and business stakeholders to ensure that the technology infrastructure meets enterprise goals such as resilience, adaptability, compliance, and complexity reduction.

The CAIO, together with the Enterprise Architecture and Security leadership, will work directly with executive technology leadership and departments to develop and execute architectural direction and strategy, plan and govern AI platform initiatives, identify and track emerging trends in generative AI and cloud infrastructure, anticipate transformative shifts in GPU compute and model-serving technology, and develop and maintain enterprise and departmental technology roadmaps. The CAIO shall maintain strong relationships with leading technology partners, including hyperscale cloud providers, and shall leverage subject matter experts across AI, security, and infrastructure domains.

The CAIO shall have overall experience in cloud and AI systems architecture with deep understanding of application, infrastructure, security, and information architecture disciplines.

The CAIO shall have hands-on ability to work in an environment where concepts are quickly moved into a Proof of Concept (PoC) phase. By utilizing low-code tools or sandbox environments, the CAIO ensures that high-potential ideas are validated within weeks rather than months.

2.23.2 High Level Requirements

2.23.3 County shall retain authority on all matters related to overall IT and AI Architecture.

2.23.4 The Contractor shall recommend, for organizational approval, a qualified CAIO as Key Personnel.

PRR 165 – Chief Artificial Intelligence Officer (CAIO) Services Resource Unit
Attachment 2

2.23.5 The CAIO will collaborate with executive technology leadership, including the County Technology Office (CTO), on all matters of enterprise architecture and AI strategy.

2.23.6 The CAIO will develop strategy and technical direction - approved by the organization, and shall have oversight on all AI, cloud, and infrastructure projects and Contractor support staff.

2.23.7 Contractor shall provide a full-time, dedicated CAIO who shall support the organization's architectural planning processes and ensure high standards of technical architecture, AI platform governance, and security integration across all technology solutions.

2.23.8 The CAIO shall be responsible for executing the developed strategy including adherence to cloud architecture methodologies, MLOps standard processes, secure Software Development Life Cycle (SDLC) best practices, guiding principles, and infrastructure standards.

2.23.9 The CAIO shall develop architecture planning that ties all aspects of the existing cloud and AI environment, including containerized GPU workloads, distributed inference systems, event-driven architectures, and multi-region deployments to a business-consistent desired state.

2.23.10 The CAIO shall actively participate in all AI, cloud, and infrastructure projects to ensure they improve the capability, security posture, and operational maturity of delivered services.

2.23.11 The CAIO shall collaborate with the CISO and CTO to develop enterprise-wide security standards, AI governance frameworks, and cloud infrastructure initiatives.

2.23.12 The CAIO shall partner with the Chief Technical Architect (CTA) in developing and delivering, for organizational approval, all technology standards, guiding principles, architecture patterns, and design guidelines, including standards for Large Language Model (LLM) deployment architectures, GPU workload orchestration, model serving pipelines, Infrastructure as Code, secrets management, and secure multi-region cloud design. The CAIO shall continuously maintain and publish these standards on the Service Portal.

2.23.13 The CAIO shall work closely with Business and Engineering teams to capture new or updated technology requirements as they are developed, ensuring that AI platform, cloud infrastructure, and security architecture decisions are continuously aligned to organizational objectives.

2.23.14 The CAIO shall develop and maintain benchmarking and performance regression frameworks to evaluate distributed AI workloads, model-serving systems, and cloud infrastructure against defined performance and reliability thresholds.

2.23.15 The CAIO shall establish and govern Continuous Integration/Continuous Delivery (CI/CD) and quality gating standards for production machine learning workflows, ensuring reproducibility, compliance, and operational reliability across all AI and cloud deployments.

PRR 165 – Chief Artificial Intelligence Officer (CAIO) Services Resource Unit
Attachment 2

2.23.16 The CAIO shall maintain current knowledge of emerging trends in generative AI, large language model deployment, GPU compute architectures, and cloud-native security and shall translate those trends into actionable architectural guidance and updated organizational standards.

PRR 165 – Chief Artificial Intelligence Officer (CAIO) Services Resource Unit
Attachment 3

PRR 165 - Chief Artificial Intelligence Officer Services - Attachment 3
Exhibit 16.1-6 Resource Unit Price Summary Option Term

Resource Unit (RU)	*Reference	Unit of Measure	Pricing Method	Bundle	Measurement Method	Baseline Volumes (per Contract Year)	RU Fee (90-110% band)	Baseline Annual Fee	RU Fee (70% to 80% band)	RU Fee (80% to 90% band)	RU Fee (110% to 120% band)	RU Fee (120% to 130% band)	RU Fee (130% to 150% band)	RU Fee (150% to 200% band)	Depreciation Period (in Years)
Chief Artificial Intelligence Officer Services	Schedule 4.3 - Section 2.23	Month	Fixed Monthly Fee Per Unit		Specific	12	\$ 23,723.82	\$ 284,685.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a