



Problem Resolution Report
CoSD Contract No. 568996
Immutable Storage RU Revision
Peraton/CoSD – 151



Date: May 27, 2025

Title: Immutable Storage RU Revision

PRR Number: 151

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:

1. Currently the Agreement provides two Immutable Storage Resource Units (RUs):
 - Storage - Immutable Tier (1TB), with a monthly fee of \$355.57
 - Storage - Immutable Tier (500GB), with a monthly fee of \$177.79
2. The Immutable Storage RUs are based on an “on premise” EMC Centera storage solution that uses Content Addressable Storage (CAS) to store and access data. This solution is billed based on allocated storage with a minimum of 500GB allocated storage and increases in 500GB increments.
3. Due to the recent shift in technology, the Immutable Storage solution is being migrated to the NetApp storage solution hosted in the Amazon Web Services (AWS). This solution is billed based on used storage in 1GB increments and has no minimum GB requirement.

Resolution:

1. Parties agree to remove the Storage – Immutable Tier (1TB) and Storage – Immutable Tier (500 GB) RUs and add the Storage – Immutable Tier RU to the Agreement effective April 2025.
2. Schedules 16.1-6, Resource Unit Price Summary Option Term and 16.1-6a Resource Unit Price Decomposition Option Term, are hereby amended, as per Attachments 1 and 2, by:
 - a. Removing the “Storage - Immutable Tier (1TB)” RU with its corresponding monthly fee of \$355.57 and the “Storage - Immutable Tier (500 GB)” RU with its corresponding monthly fee of \$177.79; and
 - b. Adding “Storage – Immutable Tier” RU, with a corresponding monthly fee of \$0.42 per GB.
3. Section 12.3, Storage and Data Management Services of Schedule 16.1, Fees, is amended as per Attachment 3 to this PRR by updating Storage – Immutable Storage from ‘flat fee rate’ to ‘actual usage’.



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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.

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

ALLEN R. HUNSBERGER, Director
Department of Purchasing and Contracting

By: 
Allen Hunsberger (Jun 4, 2025 09:31 PDT)
Name: Allen Hunsberger
Title: Assistant Director, Purchasing and Contracting
Date: Jun 4, 2025

PERATON ENTERPRISE SOLUTIONS LLC

By: 
Name: Max Pinna
Title: Contracts Manager
Email: max.pinna@peraton.com
Date: Jun 4, 2025

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

Adobe Acrobat Sign Transaction Number: CBJCHBCAABAAnCayeatjFR0fWYpbr4D1xVqBJeyALdZ

PRR 151 - Immutable Storage RU Revision - Attachment 2
 Exhibit 16.1-6a Resource Unit Price Decomposition Option Term

Resource Unit (RU)	*Reference	Unit of Measure	Pricing Method	Decomposition	Resource Unit Fee Option Term	Component Fee Option Term	Component Description
Storage - Immutable Tier	Schedule 4.3 - Section 6.12	Used GB	Fixed Monthly Fee Per Unit		\$ 0.42		
				<i>Hardware</i>		\$ 0.21	Represents the hardware costs, installation and monthly lease payment a leasing term of 5 years.
				<i>Operating System License</i>		\$ 0.12	Represents the cost of software license upgrades/refresh. Based on the refresh cycle of 5 years, the aggregated cost is apportioned over the assumed baseline volumes.
				<i>Other Software License</i>		\$ -	N/A
				<i>Hardware Maintenance</i>		\$ 0.03	Represents the cost of the Maintenance Agreement for hardware support and break-fix services, for the hardware noted above.
				<i>Software Maintenance</i>		\$ 0.06	Represents costs associated with software maintenance along with the labor and resources for Level 2 support.

12.3 Storage and Data Management Services

This section pertains to the Fees associated with Section 6.12 – Storage and Data Management Services in Schedule 4.3 and listed in Exhibit 16.1-1.

Billing for Storage Services is as follows:

- Attached Storage – actual usage and 20% of the actual usage
- Storage - Primary Tier – actual usage and 20% of the actual usage
- Storage - Secondary Tier – actual usage and 20% of the actual usage
- Storage - Archive Tier – actual usage and 20% of the actual usage
- Storage - Immutable Tier – actual usage
- Storage - DPC – flat rate fee

Ad Hoc circumstances where an intermediate snapshot needs to be taken on a regular basis in order to facilitate backups and maintain application performance, will be considered a billable activity only after review and approval by the CIO or designee.