

SAN DIEGO UNIFIED PORT DISTRICT

MEMORANDUM

Date: May 8, 2018

To: Board of Port Commissioners

Via:  Keith Coffey
CTO, Information Technology
kcoffey@portofsandiego.org

From:  Jasmin Mededovic
Infrastructure Supervisor, Information Technology
jmededov@portofsandiego.org

Subject: Sole Source Justification: SEP Sesam Maintenance Renewal

The Information Technology Department requests to renew licensing and maintenance for the District's Backup and Disaster Recovery system with SEP Software Corporation. To ensure uninterrupted service, Staff recommends the Board authorize, consistent with BPC Policy No. 110 section II.H, sole source procurement of annual services through July 15, 2023 for licensing, maintenance, and support for a total five-year cost of ownership of \$208,042.

The District implemented a Backup and Disaster Recovery system manufactured by SEP Software Corporation in August of 2011. This system is used to create a duplicate copy of data to safeguard it and enable recovery in the event it is lost, corrupted or infected by malware. The purpose of this memo is to provide a sole source justification for this request based upon following facts:

1. SEP Sesam Si3T is a proprietary version of Deduplication Storage. Deduplication is a data compression technique that eliminates redundant blocks and thus reduces the size of the backed up data by not backing up duplicate data, which results in a reduction in required storage space. Sesam Si3T Deduplication is an inline, block-level data deduplication

solution that writes data on the fly directly from the SEP Sesam Server (backup server) to the backup media. By implementing this solution the District is able to have 90 days of required backup files that require less storage space.

2. By delivering a centralized backup solution and implementing the deduplication technology included with SEP Sesam software the District has been able to significantly reduce the amount of data traffic from backups and reduce the amount of bandwidth used.
3. The products incorporate software proprietary to SEP Software Corp. and no third party is authorized to develop modifications, bug fixes, or new releases of the SEP proprietary software. SEP sells its products directly.

The total estimated cost of ownership over five years is \$208,042 which requires the Board's approval per BPC Policy No. 110 II.H. If the Port does not take immediate action on this request, the current software license and maintenance will expire on July 14, 2018 and the District will not be able to backup and save any new files which may cause unpredictable and costly loss of data and downtimes.

Year	1 2018-19	2 2019-20	3 2020-21	4 2021-22	5 2022-23	Total
Amount	\$ 39,179.10	\$ 39,179.10	\$ 39,179.10	\$ 43,097.01	\$ 47,406.71	\$ 208,042

Should you have any questions, please contact Keith Coffey via phone at (619) 686-7285 or by email at kcoffey@portofsandiego.org. You may also contact Jasmin Mededovic via phone at (619) 725-6040 or by email at jmededov@portofsandiego.org.