



**Information &  
Communications  
Technology  
COUNTY OF TULARE  
AGENDA ITEM**

**BOARD OF SUPERVISORS**

KUYLER CROCKER  
District One

PETE VANDER POEL  
District Two

AMY SHUKLIAN  
District Three

EDDIE VALERO  
District Four

DENNIS TOWNSEND  
District Five

**AGENDA DATE:** June 4, 2019

Public Hearing Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Published Notice Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Advertised Published Notice	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Meet & Confer Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Personnel Resolution attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
CONTACT PERSON: Marilyn Lucas    PHONE: 559-622-7313				

**SUBJECT:** Agreement with SHI to purchase Amazon Web Services (AWS)

**REQUEST(S):**

That the Board of Supervisors:

1. Approve an Agreement with Amazon Web Services (AWS) for the implementation of a data backup and hosting of monthly backups in the cloud, in the amount not to exceed \$5,800 for service through October 31, 2019.
2. Authorize the Chairman to sign three copies of the Terms and Conditions.

**SUMMARY:**

TCiCT currently uses a SL500 robotic tape library for long-term archive of Tulare County backups of data older than 60 days. This is the system that has been in place for 15 years and will no longer be supported under the vendor's normal maintenance. While ICT has still been able to find extended / third party hardware support and tape media, both have become increasingly expensive. Costs have risen 250% in the last four years and the system continues to degrade in reliability it has required repairs monthly for the last 8 months.

In addition to being the long-term backup, this system is designed and located geographically apart from normal County operations so that it could be a viable solution for disaster recovery in case of a catastrophic event. However, the site itself is still within the County and the current primary (disk based) backup is co-located with the tape library. Both of these factors reduce the effectiveness of the arrangement for DR purposes. ICT does not currently contract with any third party to transport copies of tapes to storage outside of the County.

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A project was completed earlier this fiscal year that reviewed the backup situation and evaluated alternatives. The recommendation from the feasibility study was to implement a snowball solution in the short term. Our current tape backup system is about to be end of life as of May 2019 and will need to be replaced. The implementation of the snowball option will allow the County to begin working with a cloud provider and allow for greatly improved disaster recovery then we would have with an on-premises tape backup system. Therefore, we believe that the additional cost of \$7.50/month over what the County is currently paying for a backup storage solution is justified and will bring a greater value to the County. Our goal is to implement a long-term solution prior to the termination of the backup solution shortly.

County Counsel has reviewed this agreement. The following terms deviate substantively from standard County boilerplate:

- Choice of law – The County agrees that the agreement will be governed by the laws of the state of Washington.
- Term – Although the contract is technically “evergreen”, staff does not expect to utilize these services after October 2019, and staff was able to negotiate a termination clause.

**FISCAL IMPACT/FINANCING:**

The cost of this agreement is an amount not to exceed \$5,800 and is included in the FY 18/19 budget to be paid from account number 071-090-2900-7043. There is no Net County cost.

**LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:**

The County’s five-year strategic plan includes the Safety and Security Performance Initiative to provide for the safety.

**ADMINISTRATIVE SIGN-OFF:**

  
Peg L. Yeates

Information & Communications Technology Director

cc: County Administrative Office

Attachment(s) SHI, Amazon Web Services Agreement

**BEFORE THE BOARD OF SUPERVISORS  
COUNTY OF TULARE, STATE OF CALIFORNIA**

IN THE MATTER OF AMENDMENT TO )  
AGREEMENT WITH SHI TO PURCHASE ) Resolution No. \_\_\_\_\_  
AMAZON WEB SERVICES (AWS) ) Agreement No. \_\_\_\_\_  
)

UPON MOTION OF SUPERVISOR \_\_\_\_\_, SECONDED BY  
SUPERVISOR \_\_\_\_\_, THE FOLLOWING WAS ADOPTED BY THE  
BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD \_\_\_\_\_  
\_\_\_\_\_, BY THE FOLLOWING VOTE:

AYES:  
NOES:  
ABSTAIN:  
ABSENT:

ATTEST: JASON T. BRITT  
COUNTY ADMINISTRATIVE OFFICER/  
CLERK, BOARD OF SUPERVISORS

BY: \_\_\_\_\_  
Deputy Clerk

\* \* \* \* \*

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