

Purchasing: *Billy Bennett* Director

SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

124



FROM: Riverside County Information Technology

SUBMITTAL DATE:  
12/6/05

SUBJECT: APPROVAL OF A MULTI-YEAR AGREEMENT WITH SBC TO UPGRADE THE EXISTING T-1 CIRCUIT (1.5 Mbs) BETWEEN SAN BERNARDINO SHERIFF AND CAL-ID IN RIVERSIDE TO DS-3 (45 Mbs)

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve a 5 year agreement with SBC in the annual amount of \$31,882.
2. Authorize the Purchasing Agent to execute any amendments for the five year term.

BACKGROUND: On August 25, 2005, the Riverside CAL-ID Remote Access Network Board approved the use of AB 879 funds to upgrade the existing T1 data connection circuit to San Bernardino with a DS-3 data circuit.

CAL-ID is currently connected to the AFIS21, an archive housed in San Bernardino via a T1 data connection. That connection is configured as follows:

(Continued on Page 2)

Departmental Concurrence

*Matthew W. Frymire*  
Matthew W. Frymire  
Chief Information Officer

*Bob Doyle*  
Bob Doyle  
Sheriff-Coroner

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 15,941	In Current Year Budget:
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:
	Annual Net County Cost:	\$ 0	For Fiscal Year:

SOURCE OF FUNDS: AB 879	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: **APPROVE**

County Executive Office Signature *[Signature]*

Consent  
 Policy  
 Consent  
 Policy  
 Dep't Recomm.:  
 Per Exec. Ofc.:

Prev. Agn. Ref.: | District: | Agenda Number: **3.31**

**Board of Supervisors**

**Form 11: APPROVAL OF A MULTI-YEAR AGREEMENT WITH SBC TO UPGRADE THE EXISTING T-1 CIRCUIT (1.5 Mbs) BETWEEN SAN BERNARDINO SHERIFF AND CAL-ID IN RIVERSIDE TO DS-3 (45 Mbs)**

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CAL-ID → Riverside County Administrative Center (CAC)  
CAC → San Bernardino Sheriff's Department (SBCSD)  
SBCSD → San Bernardino County IT (Gilbert Street)

The present T1 data connection line to San Bernardino costs \$1,098 per month or \$13,176 annually. The amount of data sent over the existing line increased substantially when Cal-ID began sending palm prints to the archive.

The FAST-ID, mobile ID, and regional photo database projects are projected to far exceed the capabilities the current T1 connection can process in a timely manner. The number of requests to the AFIS21 is expected to triple and the large amounts of data in the photos going to and from the regional photo database will further slow the network connection on a T1.

In order to process the increased data in a timely manner, information technology (IT) staff from Riverside and San Bernardino Counties is recommending upgrading the connection to increase bandwidth to a DS3 (fiber-optic T3). Additionally, this new connection would be configured as follows:

CAL-ID (Palmryrita St.) → San Bernardino County IT (Gilbert Street)

The new configuration will eliminate two routers and will further increase performance/efficiency. The offices at CAL-ID and at San Bernardino County IT are already configured for a fiber-optic connection, so no construction will be required.

**Price Reasonableness:** The County will be receiving a price that is better than the existing Cal-Net agreement that the County is currently under. Pricing is detailed in the table below.

**DS-3 Phone Circuit Comparative Costs**

Agreement	Total Monthly Cost	Total Installation Cost
SBC CPUC 5-Year Term	\$ 4,849.38	\$ 46.00
SBC FCC 5-Year Term	\$ 2,656.87	\$ 22.00
Verizon Meet-point 5-year Term	\$ 4,701.65	\$ 2,497.92