DEPARTMENT: Technical Services  
BY: Rick Peresan  
PHONE: 966 8029

RECOMMENDED ACTION AND JUSTIFICATION:

Authorize the Chair to sign the attached system purchase and installation agreement from Sierra Tel Business Systems, pending County Counsel’s approval.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

The Board routinely approves equipment purchase and maintenance.

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

Seven County Departments and CDF will be without access to our computer systems or face a much higher cost for slower access (see cover letter).

<table>
<thead>
<tr>
<th>Financial Impact? (x) Yes ( ) No</th>
<th>Current FY Cost: $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budgeted in Current FY? (x) Yes ( ) No ( ) Partially Funded</td>
<td></td>
</tr>
<tr>
<td>Amount in Budget: $5,632.51</td>
<td></td>
</tr>
<tr>
<td>Additional Funding Needed: $0</td>
<td></td>
</tr>
<tr>
<td>Source:</td>
<td></td>
</tr>
<tr>
<td>Internal Transfer</td>
<td></td>
</tr>
<tr>
<td>Unanticipated Revenue</td>
<td>4/5’s vote</td>
</tr>
<tr>
<td>Transfer Between Funds</td>
<td>4/5’s vote</td>
</tr>
<tr>
<td>Contingency</td>
<td>4/5’s vote</td>
</tr>
<tr>
<td>( ) General ( ) Other</td>
<td></td>
</tr>
<tr>
<td>Annual Recurring Cost: $</td>
<td></td>
</tr>
</tbody>
</table>

List Attachments, number pages consecutively
1 Cover letter
2 Quote
3 Contract

CLERK’S USE ONLY:
Res. No. 237  Ord. No. _____
Vote – Ayes: _____  Noes: _____
Absent: _____

Approved
( ) Minute Order Attached ( ) No Action Necessary

The foregoing instrument is a correct copy of the original on file in this office.
Date: _____
Attest: MARGIE WILLIAMS, Clerk of the Board
County of Mariposa, State of California

By: ________________________________
Deputy

COUNTY ADMINISTRATIVE OFFICER:

Requested Action Recommended
No Opinion
Comments:

CAO: ____________________________

Revised Dec. 2002
MARIPOSA COUNTY TECHNICAL SERVICES
MEMORANDUM

To: Mariposa County Board of Supervisors

From: Richard Peresan Technical Services Director

Date: May 20, 2005

RE: Sierra Tel Business System Contract

Per the attached agenda item, I am asking the Board to authorize the Chair to sign the attached System Purchase and Installation Agreement from Sierra Tel Business Systems.

In October 2002, we deployed a wireless network to connect the Jail, Social Services, Housing, Visitors Bureau, County Fire, Family Services, and Child Support services. The cost was around $30,000 for installation and equipment. This resulted in savings of approximately $30,000 annually from the elimination of dial up phone lines and leased connections, while providing superior connectivity to our County systems and the Internet.

On May 2, 2005 the system began to fail intermittently, causing outages and business interruption. Since this occurs mostly after 5 pm, the Jail’s second shift has born the brunt of the service interruption. Our trouble shooting activities over the past 13 days lead us, and the Motorola Canopy vendor, to conclude the radios on the Northland Cable tower are malfunctioning. I am not 100% sure this is the cause of the problem, but it is our last option.

After discussion with the CAO, I authorized Sierra Tel to go ahead and replace the radios at a cost of approximately $6,000, which includes the rental of a bucket truck to reach the radios on the tower. Technical Services has the funds in a fixed asset account to cover the expense.

Worth noting is the only alternative to replace the wireless is DSL or leased connections. For the 7 County agencies this would equate to a recurring charge in excess of $8,000 annually (and could be much more), buying less than 1/5 the speed of the current wireless access.
Prices Valid for 30 days

Date: May 12, 2005
Bid Number: 050512mc

To:
Company: Mariposa County
Contact: Rick Peresan
Address: Mariposa
Email: rperesan@mariposacounty.org
Phone: 209 966-8029
Fax:

From:
Name: Susan Clement
Title: Account Executive
Company: Networks Services
Address: PO Box 219, Oakhurst
Email: susanc@stcg.net
Phone: 559 642-1338
Fax: 559 658-7060

Motorola Canopy

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Qty</th>
<th>Unit Price</th>
<th>Item Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Motorola Canopy 5.7GHz Access Point</td>
<td>2</td>
<td>1,075.09</td>
<td>2,150.18</td>
</tr>
<tr>
<td>2</td>
<td>Cable – Outdoor Shielded Twisted CAT5</td>
<td>400'</td>
<td>.72</td>
<td>288.00</td>
</tr>
<tr>
<td>3</td>
<td>Miscellaneous hardware</td>
<td>1</td>
<td>250.00</td>
<td>250.00</td>
</tr>
</tbody>
</table>

Equipment $2,688.18
Sales Tax 208.33
Shipping 36.00
Installation (estimated) 2,100.00
Equipment Total $5,032.51

Trouble appears to be self-interference caused by hardware failure (access points). Replacement of the access points is recommended although this does not guarantee trouble will be resolved.

Sierra Tel Business Systems, a California corporation is willing to provide the foregoing materials and perform the foregoing services at the rates quoted above, for up to 30 days from this bid date. This quote is based on Customer’s specifications and information provided to STBS. All materials and services shall be subject to the terms and conditions of STBS’s System Purchase and Installation and Integration Services Agreement, Maintenance Agreement, or Time and Material Service Authorization (whichever is applicable).