

*Office of County Purchasing Agent
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TO: Office of the County Judge
Fort Bend County, Texas

FROM: Gilbert Jalomo
County Purchasing Agent

SUBJECT: Agenda Items – Commissioners Court on May 12, 2009

Regular Agenda:

Take all appropriate action to consider granting an exemption to the competitive bid process as authorized by Section 262.024 (a)(7) Texas Local Government Code for the purchase of an item available from only one source for supplemental agreement with Manatron for phase 1 remote vaulting services pursuant to master agreement in an amount not to exceed \$68,000.00. (Funding: County Clerk)

5-14-09 2 orig. ret. to Cheryl at Purchasing

PHASE 1 REMOTE VAULTING

**SUPPLEMENTAL AGREEMENT TO THE MANATRON RECORDS
MANAGEMENT MASTER AGREEMENT**

This Supplemental Agreement to the Manatron Records Management Master Agreement is by and between Manatron, Inc., a Michigan corporation ("Manatron"), and Fort Bend County, Texas ("Fort Bend").

Fort Bend and Manatron entered into a Records Management Master Agreement and a Records Management Annual Software License and Maintenance Supplemental Agreement ("the Agreements") on October 9, 2007 pursuant to which Fort Bend engaged Manatron software and support services to operate the Fort Bend County Clerk's Official Records Imaging System.

In consideration of the covenants and agreements set forth herein, the parties agree as follows:

1. Manatron shall provide the licenses, products, and services described in the Phase 1 Remote Vaulting Statement of Work dated March 10, 2009, attached hereto as Exhibit A.

2. This Supplemental Agreement is subject to the terms and conditions set forth in the above referenced Agreements. If any conflict exists between this Supplemental Agreement and the Agreements, the terms and conditions of the Agreements will govern.

Dated: May 8, 2009

Manatron, Inc.:

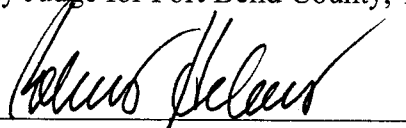
By: 

Name: Greg Effrein

Title: VP, Records Mgmt

Fort Bend County:

County Judge for Fort Bend County, TX
TX

By: 

Name: Robert E. Hebert

Date: May 12, 2009

County Clerk for Fort Bend County,


By: 

Name: Dianne Wilson



AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 68,000.⁰⁰ to accomplish and pay the obligation of Fort Bend County under this Agreement.



Robert Edward Sturdivant, County Auditor

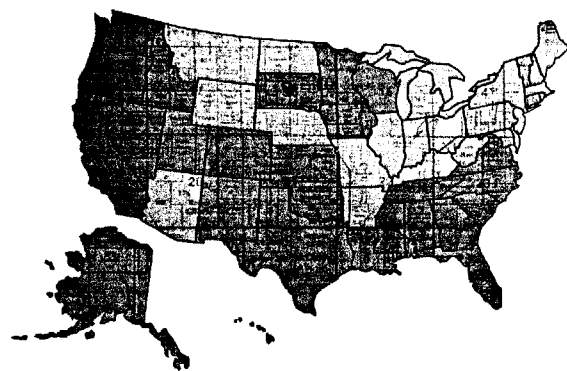
EXHIBIT A



Manatron, Inc.

Phase 1 Remote Vaulting Fort Bend County, Texas

Version 2
3/10/2009



Remote Vaulting and Recovery Services

Manatron is proposing to provide the Fort Bend County Clerk with Anthem remote vaulting and data recovery services in a phased implementation. This initial proposal is designed to address the initial phase. For this phase we will utilize the Cyrus One Houston Data Center which is a high availability Tier 4 facility.

The Fort Bend County Clerk's current Anthem configuration includes an aging UNIX application server, an Oracle database and a single SAN where images are stored. It is recommended that each of these components be upgraded or expanded over the next several months to support the County's goal for disaster recovery and business continuity.

Description of Services

The first step in this process would be for the County to purchase a new SAN. This SAN would provide redundancy for the existing SAN where one SAN is used as part of the production system and the other SAN is housed at Cyrus One. A data communication line will need to be established between the County and Cyrus One with a minimum 10 megabit capacity.

With this minimal configuration in place the County Clerk's images will be able to be mirrored and secured to the remote SAN. This is an important first step, for in the event of an impending disaster it would currently take days to fully backup the images. This is beyond the safe window for most events, including hurricanes, and should be addressed.

If the County completes the purchase of the SAN within the next several weeks, there should be sufficient time to install the SAN at Cyrus One and work with IT to test and implement image mirroring prior to the start of hurricane season. This proposal includes the cost for setting up and providing this hosting service and providing a 10 megabit communication line to the county.

Mirroring images addresses only one piece of a disaster recovery plan. The next areas that need to be addressed are the UNIX server and Oracle database. The UNIX server would take days or even weeks to replace in the event of a disaster and the current version of Oracle is not capable of providing transactional replication of data.

It is recommended that the UNIX server be replaced with an Intel server and that the Oracle database be migrated to Microsoft SQL Server. With this step mirroring could now include the SQL Server database and indexes in addition to the images to provide a fully protected offsite copy of the complete system.

It is recommended that this migration be completed, if possible, before August when the Texas coast is historically most vulnerable to hurricanes. Adding the SQL database and indexes to the SAN will not increase the cost of monthly hosting services and can be addressed under this proposal. The cost of the new Intel server, Microsoft SQL Server database, and Oracle to SQL Server migration is outside of this proposal.

Next Steps

With the completion of Step Two, protection has been provided for the database, indexes and images which will reduce the length of time required to respond to a disaster. Additional steps will need to be taken to provide full disaster recovery and business continuity.

The next phase should address the replacement of the existing SAN and the addition of a second Intel server configuration. The 2nd SAN would allow for the retirement of the existing SAN which is nearing the end of manufacture support. The second Intel server would be located in the Cyrus One facility to provide redundancy to the production server.

With this step transactional replication could be implemented to keep both sites in sync at all times and failover could be addressed to provide business continuity. The addition of the server and managed services would be outside of the current proposal and would require a change to the agreement and pricing.

Phase 1 - Remote Vaulting & Data Recovery Services <i>Fort Bend County, Texas</i> March 10, 2009	
Phase 1 Remote Vaulting & Data Recovery Services <ul style="list-style-type: none">• Service includes hosting of remote SAN to enable mirroring of images from production SAN<ul style="list-style-type: none">○ Fort Bend will provide the SAN○ Manatron will provide a 10-meg communication link from the hosting facility to the County• Mirroring of indexes and SQL Server Database is optional with the County's migration from the current UNIX server and Oracle database.<ul style="list-style-type: none">○ No additional cost for hosting○ Migration services are not included in this proposal.• Monthly reoccurring fee for CyrusOne Houston site<ul style="list-style-type: none">○ Hosting = \$521○ 10-meg line setup one time fee = \$2,600○ 10-meg line monthly fee = \$1,275 per○ Based on 36 month contract• Establishing the fiber will require approximately 60 days	
Total fees for 36 months	\$67,256.00