

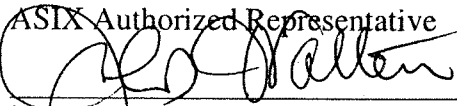
December 5, 2002

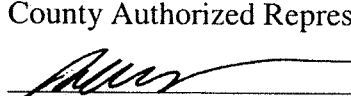
Modification to Comprehensive Appraisal, Assessment and Treasury System Contract in accordance with Section 2.14.8 as follows:

ASIX Corp. and Snohomish County agree to the following service levels regarding maintenance and configuration of the Link between ASIX and Snohomish County utilizing a Virtual Private Network (VPN) / Internet Solution. This modification is established in order define responsibilities and limitations of liability when using the public Internet facility to Transfer data between ASIX Corp and Snohomish County.

- (1) VPN Hardware and Software as defined by ASIX will be purchased by Snohomish County and installed on the County's Internet Point of Presence by Snohomish County Staff. This installation will be performed as a cooperative effort between ASIX Technical Support resources and Snohomish County Technical Resources.
- (2) Once installed ASIX Corporation will configure the VPN solution to function with the ASIX Host VPN Services. Snohomish County will assist in this effort by opening the required ports and IP Tunnels to process the Data Transfer Activity.
- (3) Snohomish County will maintain (1) one, spare VPN for replacement in the event that a VPN failure occurs. This replacement will ONLY be done by direction from ASIX Technical Support Services.
- (4) Reconfiguration of the spare VPN in section (3) above will be the sole responsibility of ASIX Corporation.
- (5) Snohomish County will not be held liable for Data Security through the Provided VPN facility.
- (6) Snohomish County will not be held liable for failures in the Communications link across the internet once the traffic has left Snohomish County's Internet point of Presence.

Signature by the below representatives will validate and affirm this Modification:

ASIX Authorized Representative

Signature: _____
Printed Name: John W. Walter
Title: Vice President
Date: 12-5-02

County Authorized Representative

Signature: _____
Printed Name: Robert von Wolffradt
Title: Dir. DTS
Date: 12/11/02

Software Licensed (Statement of Product):

Designated Computer(s): Includes All Personal Computers and/or Workstations networked to the Server below:

Everett WA 98201-4046



Snohomish County

Information Services

January 11, 2002

Robert J. Drewel
County Executive

TO: Mr. John Walters, Vice President Sales/Marketing
ASIX Inc.
10900NE 8th. Street
Suite 700
Bellevue WA 98004-4447

M/S #709
3000 Rockefeller Avenue
Everett, WA 98201-4046
(425) 388-3349
FAX (425) 388-3999

RE: Contract for Comprehensive Appraisal, Assessment and Treasury System/Add Maintenance and Support for Ascend Map Module V1.0 Licensed Software

Dear Mr. Walters,

This letter will serve as confirmation to add the Ascend Map module, and modify **Exhibit D, Appendix A** titled **Software Licensed/Designated Computers** page 34 of the contract (see attached revised Appendix A). Further, as we previously discussed, due to the County's involvement in developing the Ascend Map product, ASIX agrees to provide this product at no charge. However, on going maintenance and support is required and will need to be implemented for this product in accordance with the contract provisions at a cost of \$660 per year.

If you are in agreement with these changes please sign on the designated signature line and return one original document to me.

Thank you for your assistance in this matter. Should you have any questions please feel free to contact me.

AGREED: SNOHOMISH COUNTY

Pat Scattaregia, Technology Contract Administrator/ Information Services

AGREED: ASIX INC.

John Walters, Vice President Sales/Marketing



The power to manage well.

AMENDMENT TWO TO MASTER SOFTWARE LICENSE AND SUPPORT
AGREEMENT (MSLA) BETWEEN SNOHOMISH COUNTY, WA AND ASIX, Inc.
ORIGINALLY DATED DECEMBER 16, 1998, AMENDED ON JANUARY 11, 2002.

This second Amendment # WA11807SC, dated January 23, 2007, amends the MSLA
between Snohomish County and ASIX Inc. (Now owned by Manatron, Inc.)

WHEREAS, ASIX, Inc. is providing software maintenance services in accordance
with terms defined in the MSLA and Appendix A lists the applicable software licensed as
of the date the contract was approved. Snohomish County has purchased license rights to
additional software products that are currently not identified on the Appendix A of the
MSLA.

Snohomish County and ASIX, Inc. have agreed to update the MSLA to add
software products to the contract as shown in the attached Appendix A.

Therefore, Snohomish County and ASIX agree to amend the MSLA as follows.

MSLA – Appendix A

Replace with attached revised Appendix A

Except as expressly amended in this Amendment Two, the terms and conditions of the
original MSLA shall remain in full force and effect.

Provisions for support of the newly licensed software, Ascend eFile for Personal Property
will not include the benefits outlined in Appendix C of the MSLA and will be limited to
“bug fixes” only.

In Witness Hereof, Snohomish County and Manatron, Inc. have caused this Amendment
One to be executed on April 10, 2007.

Snohomish County

By: 

Name & Title:


PETER B. CAMP
Executive Director

Manatron, Inc.

By: 

Name & Title: John R. Hansen, Director of Contracts

Approved as to form


Thomas P. Rowan
Deputy Prosecuting Attorney
Prosecuting Attorney's Office
Snohomish County



The power to manage well.

Software Licensed (Statement of Product):

Designated Computer(s): Includes All Personal Computers and/or Workstations networked to the Server below:

MANATRON

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January 23, 2007

Ms. Linda Hjelle
Deputy Assessor
Snohomish County
3000 Rockefeller Avenue
Everett, WA 98201

Customer Work Order #: _____

Dear Linda:

Per our discussions, this work order is submitted for the implementation of Ascend eFile at Snohomish County. Also accompanying this work order is an amendment to the County's software license agreement to add eFile as a licensed module.

Snohomish County, WA authorizes ASIX/Manatron, Inc. to perform the following services:

ASIX will install a web-based personal property filing application (Manatron Ascend eFile) as previously demonstrated to the County. eFile is compatible with the County's Ascend Assessment Administration and tax application. ASIX will assist with testing of the application on the County's site and will provide training and user documentation as to its use. All related services will be provided via the County's VPN connection already in place with ASIX, as well as by phone. No travel is required for this work.

With reasonable notice and based upon availability, County staff will be made available to assist in testing of the application within the County's business environment.

Fees

Snohomish County will be billed a total of \$21,300 as follows:

\$15,000 for eFile Software

\$5,000 for implementation services

\$1,320 for Washington State Sales Tax (King County 8.8% of the cost of the software.)

TOTAL: \$21,320.00

Annual software maintenance, as described in the County's MSLA and associated addendums, is priced at \$1500 annually and will be billed upon acceptance by County (prorated to the County's annual billing cycle).

SIGNATURE:

Signature and Title


Linda Hjelle, Deputy Assessor

Printed Name and Title

JOHN HARTWIG
DEPUTY DIRECTOR

4/20/07
Date

Work Order # WA11907SC

page 1 of 1 J.W.

**AMENDMENT THREE TO THE MASTER
SOFTWARE AND LICENSE SUPPORT AGREEMENT (MSLA) FOR THE
COMPREHENSIVE APPRAISAL, ASSESSMENT AND TREASURY SYSTEM
BETWEEN SNOHOMISH COUNTY, WA AND ASIX, INC.**

This is Amendment Three to the Master Software and License Support Agreement for the Comprehensive Appraisal, Assessment and Treasury System (MLSA) dated December 16, 1998, as amended by Amendment One dated January 11, 2002, and amended by Amendment Two dated April 10, 2007 (together, hereafter "Master Contract"), by and between Snohomish County, a political subdivision of the State of Washington (hereafter "the County"), and Manatron Inc., a Washington based Corporation (hereafter "the Contractor").

Recitals

1. WHEREAS, the County Treasurer has a need to allow county taxpayers to access their property tax information over the internet and make payments; and
2. WHEREAS, the Contractor has the software, trade name "Ascend Web", compatible with the existing County system, that can provide the requisite functionality to county tax payers in a secure manner; and
3. WHEREAS, Ascend Web payment services will handoff payment amounts to the County's banking partner (Bank of America) through Official Payments; and
WHEREAS, the Ascend Web site is intended to be accessed by the public from the County's internet home page; and
4. WHEREAS, the parties have agreed to amend the Master Contract to provide for: (a) implementing the Contractor's Ascend Web software module at a total cost of \$81,401.00 including applicable Washington State Sales Tax and first year annual software maintenance and support; and (b) modifying terms related to annual support and upgrade fees.

NOW THEREFORE, in consideration of the mutual obligations set out below, the parties agree that the Master Contract is amended as follows:

1. **Master Contract, Section 2.14.6, Contractor's Services, first paragraph is modified to include the following sentence:**
The maximum amount payable under this Contract as amended by Amendment Three is \$1,564,541.00, including first year maintenance.
2. **Master Contract, is amended to add Exhibit G, Ascend Web Project Statement of Work (SOW), attached hereto and by this reference incorporated herein:**
Snohomish County Web Ascend Project Statement of Work (consisting of pages numbered 1 through 5)

3. **Master Contract, Exhibit D, Appendix A, Software Licensed, Designated Computers, is amended by replacing the original document with the following Amendment Three, Exhibit D, Appendix A document attached hereto and by this reference incorporated herein.**
4. **Master Contract, Exhibit D, Appendix B, Manatron Support and Upgrade Fees, Section 1.1, is amended to read as follows:**
The annual Support and Upgrade Fees for licensed software listed in Amendment Three, Exhibit D, Appendix A, will be "Firm-Fixed" through 2012, based on 2008/2009 fees, and thereafter subject to an annual increase that shall not exceed five percent (5%) or the June CPI plus three percent (3%), whichever is less. If the County elects to continue the Support and Upgrade Services, Support and Upgrade Fees shall be due in accordance with Section 1.2, Payment terms.
5. **Master Contract, Exhibit E, Appendix B, Proval Support and Upgrade Fees, Section 1.1, is amended to read as follows:**
The annual Support and Upgrade Fees for licensed software listed in Master Contract, will be "Firm-Fixed" through 2012 based on 2008/2009 fees, and thereafter subject to an annual increase that shall not exceed five percent (5%) or the June CPI plus three percent (3%), whichever is less. If the County elects to continue the Support and Upgrade Services, Support and Upgrade Fees shall be due in accordance with Section 1.2, Payment terms.

The Parties agree that Amendment Three may be executed by facsimile signature.

Except as expressly amended in this Amendment Three, the terms and conditions of the MLSA, Amendment One and Amendment Two remain unchanged and in full force and effect.

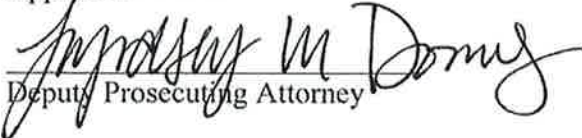
Dated this 3rd day of September 2009.

SNOHOMISH COUNTY:



Aaron Bearden, Snohomish County Executive
MARK SOINE
Deputy Executive

Approved as to Form:



Deputy Prosecuting Attorney

CONTRACTOR:



John Hansen, Manatron, Inc.

COUNCIL USE ONLY

Approved: 83151
Docfile: D-3

AMENDMENT THREE TO THE MASTER
SOFTWARE AND LICENSE SUPPORT AGREEMENT

MANATRON

AMENDMENT THREE, EXHIBIT G

ASCEND WEB SOFTWARE AND IMPLEMENTATION SERVICES STATEMENT OF WORK

1. Overview

The Ascend Web implementation at Snohomish County involves the installation of two Manatron modules, Ascend Web (Inquiry) and Statement Server. The objective of the project is to provide the Treasurer's office with the following capabilities:

- To provide public access to property tax and payment information via the Internet.
- To provide secure access to tax service firms (e.g. title companies) for more detailed property information as determined by the County.
- To provide an option for the Treasurer's office to submit Real Estate Excise Tax (REET) information to the Department of Revenue electronically.
- To provide the capability for taxpayers to make payments via the Internet via a "handshake" with the County's banking partner (Bank of America) or through Official Payments Inc.

Ascend Web is an "off the shelf" application in use by several current Ascend customers and will be installed as described in the "Snohomish County Web Design Specifications" document, see Exhibit G, Appendix B. Ascend Statement Server is a program that provides the ability for users to obtain "real-time" information about current property taxes owing including any interest or penalties. In this implementation, no taxpayer banking information will be collected on Snohomish County's website. Items to be paid will be determined by the taxpayer and those amounts will be passed through to the County's bank where the financial transaction will be performed. Updates to Ascend for payment information will be performed via batch processing already in use at the County.

2. Project Information

Project management, configuration, implementation services and testing of Ascend Web & Statement Server will be performed at Manatron offices in Bellevue, WA. Any additional requirements will be gathered primarily through teleconferencing supplemented by on-site visits to Snohomish County if needed although none are contemplated at this time. Project management and coordination will also be conducted through teleconferencing. User acceptance testing and

MANATRON

AMENDMENT THREE, EXHIBIT G

any instruction will be performed by Snohomish County personnel on an on-going basis during implementation of the modules.

Project Team:

<u>Name</u>	<u>Responsibility</u>
Steve Young	Project Manager
Andrew Beck	Lead Analyst/ Programmer

3. Project Approach

Assumptions

- County will be responsible for acquiring Informix database licenses to support Internet access to the Ascend database as noted in quote provided to County on November 7th, 2008.
- County will provide/make available test and production servers to host installed products (Ascend Web & Statement Server). (See recommended hardware document)
- County will be responsible for placement/configuration of Web servers within the secured network.

Project Steps/Milestones – To be performed by Manatron (See project plan attached)

- Modify Ascend Web to interface with Bank of America and Official Payments, Inc.
- Make any requested changes to Ascend Web layout as agreed upon by both parties that can be provided within the project budget.
- Configure needed Ascend parameters
- Deliver MSI to install Ascend Web

Project Steps/Milestones – To be performed by the County (See project plan attached)

- Set up Informix on Web Server by installing the .NET component and Setnet32 from the newest Informix SDK.
- Run AscendWeb .MSI
- As outlined in ascendweb_10_install.doc
- Change security for the following directories:

AMENDMENT THREE, EXHIBIT G

- o Styles
 - o Logs
- Edit Custom files
 - o Strings.resx
 - o Logo image
 - o Generic Error
 - o Timeout
- Modify Web configuration
 - o As outlined in ascendweb_20_config.doc and ascendweb_30_config_informix.doc
- Run SQL on database to setup web parameters
- Configure bselfast.exe to run on the Statement Server. Recommended setup using firedaemon as outlined in ascendweb_50_firedaemon.doc
- Test Ascend Web while pointed to test DB
- Point Ascend Web and Statement Server to production, and configure Web Server for internet access

4. Payment Cost Summary

Total Not-to-Exceed Cost: \$81,453.02. Line items as follows:

- Ascend Web Inquiry \$25,000
- Ascend Statement Server \$15,000
- WA State Sales Tax \$3,560
- Implementation Services/Customization Budget \$30,000 (For itemized costs see Software and Services Summary Costs, Amendment 3, Exhibit G, Appendix A)
- Annual Software Maintenance @ 18% of software cost \$7,200
- WA State Sales Tax for Software Maintenance \$640.80
- Optional FireDaemon License \$25
- WA State Sales Tax \$2.22

AMENDMENT THREE, EXHIBIT G

Implementation Services to be billed at a discounted rate of \$200 per hour. Standard implementation approximately 30 hours effort. Estimated effort to provide link to Bank of America and Official Payments, Inc. for payment services is unknown at this time, but based upon prior experience we anticipate 2 – 4 days effort.

5. Billing Summary

County will be billed as follows:

- County will be billed in accordance with Exhibit G, Appendix D, Acceptance criteria.
- Annual software maintenance costs will be in accordance with Amendment 3, items 4. And 5., and will be billed upon go-live, prorated through year-end to coincide with County annual maintenance billings.
- Payments by the County will be made Net Thirty (30) Days from receipt of invoice from Manatron.

6. Ascend Web System Modifications

- Banking agreements will need to be in place prior that would help to provide for a Manatron and Snohomish County agreed modification to produce Ascend compatible payment remittance files. Manatron provided queries will be necessary to convert shopping cart ID to Parcel Number and other file elements from the banking credit card and electronic check payment remittance files to the Ascend payment posting process (Bpayfile). The remittance files received from Bank Of America and Official Payments will need to include as much data as is necessary or be converted by Manatron developed queries that are capable of being run by end users, preferably in an Access program or within the Ascend Application, to ensure compatibility with the Ascend Bpayfile payment posting input file layout and process.
Please see AscendLoadReceiptBatchesFromFileBpayfile.PDF and AscendPaymentFileLayoutBpayfile.PDF for further Ascend process procedure and file layout information.
- Statement tables purge / performance options must be provided due to the Ascend Web product design reliance upon writing interim statement calculation records, with no further use or plan for deletion after the Ascend Web inquiries are completed using these records. Manatron will develop a query to delete all Ascend Web created records created by Process ID Bselfast and without turning logging off, run in an Access program or from the Ascend Application by end users. To run with logging on, it may be necessary to delete no more than 200,000 records at a time. This purge process to delete all Ascend Web originated records on a periodic, monthly or weekly basis, etc. would delete all Ascend Web written Ascend table records. This would include but not be limited to



deletion of records created by Ascend Web in the following Ascend tables and any other tables for which Ascend Web may write records.

- Statement
- Stmt_discount
- Stmt_installment
- Stmt_levy
- Stmt_line
- Notice

The modifications cited above will be accomplished by Manatron with input from the Snohomish County team.

The following items cited below will not be modified by Manatron for Ascend Web:

1. Process – This table should only receive several records per day from Ascend Web. This table is purged at Snohomish County on an annual basis, but this purge may need to be refined for these records.
2. Process_log – This table should only receive several records per day from Ascend Web. This table is purged at Snohomish County on an annual basis, but this purge may need to be refined for these records.
3. Bselect_params – The Bselfast program automatically deletes these records when read.
4. Eps_payment – This table will receive one record per credit card payment attempt.
5. Eps_pmt_acct – This table will receive one record per credit card payment attempt per parcel.
6. Stmt_group_counter – This table is purged at Snohomish County on a daily basis, when the Ascend KeyClean Process is run. The counter value can be reset on an annual basis by running the KeyClean Process after the Statement Tables are dropped and recreated at Tax Extension time, but before the Annual Tax Statement Generate Process is run.

AMENDMENT 3, MASTER CONTRACT EXHIBIT D, APPENDIX A
SOFTWARE LICENSED, DESIGNATED COMPUTER(S):

Software Licensed (Statement of Product):

[illegible]

Designated Computer(s): Includes All Personal Computers and/or Workstations networked to the Server below:

Manufacturer: _____ Model #: _____

Operating System: _____ Version: _____ System Node Name: _____

INFORMIX-OnLine Version Number: _____ INFORMIX-NewEra Version Number: _____

Address of Designated Computer Site: _____

**AMENDMENT FOUR TO THE MASTER CONTRACT
FOR THE COMPREHENSIVE APPRAISAL, ASSESSMENT AND TREASURY
SYSTEM BETWEEN SNOHOMISH COUNTY, WA AND ASIX, INC.**

This is Amendment Four to the Master Contract for the Comprehensive Appraisal, Assessment and Treasury System dated December 16, 1998, as amended by Amendment One dated January 11, 2002, and amended by Amendment Two dated April 10, 2007, and amended by Amendment Three dated September 3, 2009 (together, hereafter "Master Contract"), by and between Snohomish County, a political subdivision of the State of Washington (hereafter "the County"), and Asix/ Manatron Inc., a Washington based Corporation (hereafter "the Contractor").

RECITALS

1. WHEREAS, the County's Assessor and Treasurer have a need to migrate their existing database from Informix to SQL Server; and
2. WHEREAS, the Contractor has the software, and services compatible with the existing County system, that can provide the requisite functionality to the Assessor and Treasurer to enable a successful database migration; and
3. WHEREAS, upon completion of the database migration to SQL Server will allow for in-house support and increase system efficiency at lower costs; and
4. WHEREAS, the parties have agreed to amend the Master Contract to provide for the software and services to accommodate a successful database migration from Informix to SQL Server at a total cost of \$103,208.00 including applicable Washington State Sales Tax.

NOW THEREFORE, in consideration of the mutual obligations set out below, the parties agree that the Master Contract is amended as follows:

1. **The Master Contract, Section 2.14.6, Contractor's Services, first paragraph is modified to include the following sentence:**

The maximum amount payable under this Contract as amended by Amendment Four is \$1,552,380.00.
2. **The Master Contract, is amended to add Exhibit H, SQL Server Database Migration Project Statement of Work (SOW), attached hereto and by this reference incorporated herein:**

AMENDMENT FOUR TO THE MASTER
CONTRACT FOR THE COMPREHENSIVE
APPRAISAL, ASSESSMENT, AND TREASURY SYSTEM

Snohomish County SQL Server Database Migration Project Statement
of Work (consisting of pages numbered 1 through 18)

3. **The Master Contract, Exhibit D, Appendix A, Software Licensed, Designated Computers, is amended by replacing the original document with Amendment Four, Exhibit D, Appendix A and Appendix B, attached hereto and by this reference incorporated herein.**
4. **The Master Contract, Exhibit D, Section 9, Support, Subsection 9.2, Required Development Environment is deleted in its entirety and replaced as follows:**

To assist in the resolution of Software Problem(s), Licensee is required to maintain the versions then-currently supported by Licensor, or versions compatible with the version then-currently supported by Licensor. Licensee shall license and maintain an Open Database Compliance ("ODBC") driver then-currently supported by Licensor for its development environment. Licensee shall also maintain a tape drive on its development system, the format of which is compatible with the tape formats then-currently supported by Licensor, and make regular backups if its development systems. The requirements of this subsection are subject to reasonable change.

Except as expressly amended in this Amendment Four, the terms and conditions of the Master Contract, Amendment One, Amendment Two, and Amendment Three remain unchanged and in full force and effect.

Dated this 16th day of December 2011.

SNOHOMISH COUNTY:

[Signature] 12/16/11
for: Aaron Rardon,
Snohomish County Executive

CONTRACTOR:

[Signature]
John Hansen,
Manatron, Inc.

APPROVED AS TO FORM ONLY:

[Signature]
Deputy Prosecuting Attorney 9/11/11

AMENDMENT FOUR TO THE MASTER
CONTRACT FOR THE COMPREHENSIVE
APPRAISAL, ASSESSMENT, AND TREASURY SYSTEM

EXHIBIT H

SQL Server Database Migration Project Statement of Work

SNOHOMISH COUNTY AND MANATRON

Phase 1

The purpose of this project is to convert Snohomish County's Ascend and ProVal applications from an Informix based database platform, to an SQL Server based database platform. Manatron will provide software, analyst consulting time and assistance, and customer support time and assistance to facilitate the complete and accurate migration of data, and to provide a working set of application software and integration services for this project.

Areas of Work

The areas of work that will be covered by the project are listed below. The party responsibilities for these areas are described in this document.

- 1.) Conversion Scripts
- 2.) Data Cleansing
- 3.) Data Validation
- 4.) Template Schemas
- 5.) Security Configuration
- 6.) Updated Application Installation
- 7.) Migration Completion Assurance
- 8.) Non-Standard and Custom County Database Objects
- 9.) Web Servers and Service Processes
- 10.) Account Detail Validations
- 11.) Hardware, Software and Remote Connectivity Resources
- 12.) Data Availability
- 13.) Database and Application Versions
- 14.) Support Coordination

Strategy

Manatron recommends that the conversion of both the Ascend and ProVal applications happen simultaneously, using methods developed by Manatron in order to maintain data consistency and provide a more timely turnaround of the trial and final conversion data migrations.

Manatron will provide general assistance and software tools, scripts and analyst services, and will perform the first conversion with county staff assistance. It is expected that the County will perform the second, any additional conversion trials, and the final cutover conversion process.

Integration

It is expected that the integration procedures, processes and schema objects used in the Informix version of the customer's database, used to enable data integration, sharing, and shipping between Ascend and ProVal, will be tested and maintained in an equivalent fashion on the migrated version of the customer's database.

Notification

It is expected that the County will perform its testing responsibilities in a timely fashion, and will notify the appropriate Manatron resource of any errors, deficiencies or issues with the conversion or final migration databases or applications. Some deficiencies may need to be remedied through normal customer support channels, which may generate a successful solution on a subsequent version of each provider's (Ascend or ProVal) software. Manatron may provide a 'pre-release' version of the software remedy at its discretion. All system functions relied on to work for County Assessor & Treasurer line-of-business uses will be functional at time of migration, or handled as a stop-work issue when reported to Manatron.

Fees & Invoice Schedule

Project Fees	
Project Management *	\$ 15,000
Data Conversion	\$ 60,000
Additional Conversions	
(Ascend Web Inquiry/eConvey(eREET)/Personal Property eFile)	\$ 2,000
Querix Client Software (100 seats @ \$200 each)	\$ 20,000
Querix Annual Support (\$40 per seat)	<u>\$ 4,000</u>
Subtotal:	\$101,000
Washington State Sales Tax \$24,000:	<u>\$ 2,208</u>
Grand Total:	\$103,208

* The Manatron Project Manager will have the overall responsibility for successful delivery of the project. Serving as the single point-of-contact for the client, the Manatron Project Manager is responsible for supervision of the implementation from initiation through project close.

The Manatron Project Manager and the County Project Manager will discuss project status on a regular basis, as mutually agreed. The meeting intervals (typically weekly or bi-weekly) will be determined at project kickoff. Both the Manatron and the Snohomish County Project Manager will contribute a list of agenda topics to the regularly scheduled meeting.

In addition to regular communication with the client, the project manager's responsibilities also include managing the processes for change control, business process change, project organization and the tracking of deliverables, issues and project risks. Projects are managed with consideration of schedule, requirements, budget and quality to obtain effective use of time, resources and money.

Upon go-live, the project manager will transition the project to our support organization to assist with first year business cycle and manage ongoing expectations. Typically this transition occurs within 30 days after go-live, but the timing can be extended to something mutually agreed upon by both parties.

Manatron's compensation under this contract, is set forth above and will be invoiced per the Acceptance Criteria and Billing Milestones outlined below and contained in the Acceptance Criteria documents on pages 14 – 16 of this SOW:

- \$24,000 for client license components (Querix – 100 seats + annual support) following acceptance of Acceptance Criteria #1 - Phase I – Project Initiation on page 13-14.
- \$38,500 following acceptance of Acceptance Criteria #2 - Phase II – 1ST Migration, Test Client Configuration and Initial Migration Testing on page 15.
- \$38,500 following acceptance of Acceptance Criteria #3 - Phase III – Final Migration and Testing for Production Cutover on page 16.
- Professional Services fees are due and payable after Manatron performs such services in accordance

with Manatron's invoice(s) that shall be sent to the Customer. No travel is expected.

- e. All invoices are due Net Thirty (30)-Days from receipt of invoice and following successful completion and County acceptance of the milestone deliverables described elsewhere in this document.

Ascend/ProVal Informix to SQL Server Migration Guide

Currently supported Migration paths:

Informix Platforms: IDS 10.x and IDS 11.x.

SQL Server Platforms: SQL Server 2005 and SQL Server 2008r2 in 2005 compatibility mode

Ascend Schema Versions: Ascend Release 3.6 HP5 minimum, preference is to migrate on latest Ascend release. ProVal Schema Versions: ProVal 7.82 minimum

General Procedure Outline:

- 1.) Ascend/ProVal Data is captured from the Source Migration Database at the customer's location. A script will be provided that will first check for date/boundary issues, and will provide a list of updates that may need to be run. The script will also perform some date formatting, so that the data can be imported to SQL Server.
- 2.) Data will be unloaded to data files, using the MANATRON-provided script.
- 3.) A 'transformation' routine will need to be created to prepare the data files for loading to SQL Server. The machine storing the data files will need to have Cygwin loaded, and MANATRON will provide a command file that will run the processing. Each file will be copied, processed, and output with a different file extension.
- 4.) A spreadsheet with a list of files and the tables associated with them will be provided by MANATRON. It may need some updating by the customer for a few location specific files. This spreadsheet will create a list of 'Bulk Insert' commands to be run from an SQL Server utility program.
- 5.) A new Ascend and ProVal schema for SQL Server will be provided by MANATRON. The Ascend/ProVal versions of the Source and Target schemas will need to be synchronized. MANATRON will provide content for new SQL Server specific configuration tables which must be created with initial data for the migration.
- 6.) When the Target schema is available, the Bulk Insert program will load the processed data files into the new SQL Server schema.
- 7.) When all data files have been loaded, the bulk of the migration is complete.
- 8.) MANATRON will provide a script that will create indexes and statistics after the data has been loaded.
- 9.) The customer will need a new set of Ascend Client code (recompiled version for use with Querix), and a Querix runtime installation installed on a client workstation to test connections to the new SQL Server Ascend database. The existing ProVal application should work with the migrated data, but will need new preferences and connection data configured. Permissions and authentication methods will need to be established on the new SQL Server database instance.

Post Migration Verification and Validations:

Some stored data values will need to be verified after the migration. MANATRON will provide a script to identify which tables and values should be reviewed. In a few cases, some manual updates will need to be performed.

Manatron and the County will compare record counts between source and target databases for all migrated tables, and verify the presence of other needed schema objects in the target SQL Server database.

There will be some cases where Ascend stored SQL statements in the Informix database may not be valid on SQL Server. MANATRON will provide the proper translation for these syntax differences during the 1st migration. A script will then be provided to identify those rows with potentially invalid SQL statements may be created after the 1st migration pass which the County can use to identify syntax requiring manual update by the County.

Stored Procedure and User Defined Function Content. MANATRON will provide an inventory listing of all Ascend/ProVal related schema objects for County review to identify which tables should/should not be migrated during the 1st migration operation. MANATRON will provide SQL Server versions of stored procedure and user defined function content where appropriate. No procedures or functions will migrate directly from Informix to SQL Server. In some cases, jurisdiction specific procedures will need to be re-created for use on SQL Server.

Processes. Manatron and the County expect that Ascend and ProVal processes that function correctly on the Informix database will continue to function correctly on SQL Server. Since processes can be time sensitive, in terms of when they can be tested, we expect that processes needed for the cutover window will be tested by the county prior to going live on SQL Server. Any issues discovered with other non migration dependent processes after the post migration verification phase will be handled through normal customer support channels

Integration. We expect that the same integration channels, stored procedures, stored functions and touch point schema tables and other configuration currently in place between Ascend and ProVal will function equivalently on SQL Server.

Audit Tables, Triggers and Procedures. As a rule, audit table data can be migrated. The triggers and procedures will have to be re-created in Ascend, subsequent to the migration. MANATRON recommends that the legacy audit tables be archived and new audits reconfigured at migration time. The identification of the content of these tables will be provided during the 1st migration operation for the County to review. The County will be responsible for deciding which should be retained or dropped for migration.

Reports. MANATRON will provide core reports that will work correctly on SQL Server. State and County level reports will need to be reviewed and tested for modifications on the migrated system. MANATRON does provide a general translator for reports that are installed on the client workstations.

County Provided Resources

The county will provide the following resources for the Ascend/ProVal migration to SQL Server project:

1.) Test / Development Server Hardware and Software

The county will provide an adequate resource for the SQL Server database instance and migrated data. The Test/Development resource server should have these characteristics:

- a. 16 Gig Ram (4 Gig Minimum)
- b. 1 Socket - multi-core processor per Test system (2 processors Minimum for Test Only)
- c. 350-500 Gig Minimum disk space per Test system
- d. Ethernet/Internet/Remote Desktop/or VPN connectivity
- e. Windows Server 2008 OS (64-bit recommended), 2008R2 acceptable
- f. SQL Server 2008 Standard Edition (64-bit recommended), 2008r2 acceptable in compatibility mode

2.) The Production server should have these characteristics:

- a. 16 Gig Ram or better (8 Gig Minimum)
- b. 1 Socket - multi-core processor (4-core processors) or better
- c. 500 Gig Minimum disk space or better
- d. Ethernet/Internet//Remote Desktop/or VPN connectivity
- e. Windows Server 2008 OS (64-bit recommended), 2008R2 acceptable
- f. SQL Server 2008 Standard Edition (64-bit recommended), 2008r2 acceptable in compatibility mode

3.) Conversion Workstation Hardware and Software

A conversion workstation will need to be provided for purposes. Some or all of the hardware/software resources could be provided by the Test / Development Server if the county desires:

- a. 2 Gig Ram or better
- b. 2-core processor or better
- c. 1000 4000 Gig disk space
- d. Ethernet/Internet/Remote Desktop/or VPN connectivity
- e. Windows XP Professional OS or Windows 7 (32 bit) OS (with settings from bulletin)
- f. SQL Editor for Informix version 3.01 or better
- g. Cygwin (freeware)
- h. Textpad version 4.7.3 or better
- i. 7-zip (freeware)
- j. FTP access to Manatron site
- k. SQL Server 2008 Management Studio recommended, but 2008r2 okay

*(MANATRON can provide items f, g, h, i and assist with installation)

4.) Remote Desktop connectivity

- a. Remote desktop availability to the Test, Development, Production servers and Conversion workstation is required.
- b. Administrator or equivalent permissions to Test, Development, Production servers, and Conversion workstation are required. These can be restricted or possibly removed after cutover.
- c. SA account privileges to all SQL Server instances are required. These will be restricted or removed after cutover.

5.) Informix database availability

It is expected that the initial and first trial conversions will extract data from the county's test server, to minimize the impact to production processing. It would be best if the test data is a recent copy of the production data. MANATRON will do its best to advise the county in advance of when the conversion trials will need to be run, and the test database refreshed from production.

6.) Data Cleansing

The conversion process will typically reveal certain data anomalies that will need to be addressed prior to the final conversion. Some items may be dealt with at conversion time, but others may best be addressed by manipulating the production data. The county may need to take some maintenance actions to accommodate these data cleansing needs.

7.) County Developed Processes and Schema objects

Any non-standard Ascend or ProVal schema objects including tables, views, triggers, stored procedures or other stored programs will be identified during the migration development, and the county will be advised of items that will not be part of the conversion. Some of these items may represent a significant investment of county time and resources to identify and ensure that critical business processes that may rely on some of these objects have been addressed.

8.) Web Servers and Ascend Service Processors

MANATRON will provide versions of our web and service products that will work with SQL Server hosted Ascend data. It will be the county's responsibility to provide adequate hardware, software, and analyst resources to install, configure, and test these products prior to cutover, and to make plans to install these new versions during or after cutover on production. Remote connectivity to these testing resources may be needed to support the installation, configuration and testing efforts by the county. eConvey and Personal Property eFile components have essentially been already adapted for SQL Server migration purposes. As a result, we do not expect significant work in those modules. The remaining module where a modest amount of work is expected would be with Ascend Web. The above Additional Conversions \$2,000 Not-to-Exceed Fee amount is for the required product engineer work to adapt/convert the Ascend Web feature to be compliant with the SQL Server platform.

9.) Client Workstation Resources

The recommended resources for Ascend/ProVal client installations are as follows:

- a. 1 Gig Ram or better
- b. 2.2 Ghz Processor or better
- c. 500 Gig Disk or better [this reflects drives available for new purchases, as Querix is the only new software required on workstations, the legacy 160 Gig drives should be adequate]
- d. Ethernet connectivity to the Database Server
- e. Windows XP Professional
- f. Microsoft Access, Excel, Word 2003 or better

Manatron and County Responsibilities

1.) Conversion Scripts

Manatron will provide the conversion scripts to migrate the Informix data to unloaded text files. It is expected that Manatron will run the first trial, with the county participating, and that the county will run the second and final trials, with Manatron assistance where needed.

2.) Data Cleansing

Manatron will provide scripts and assistance for identifying data migration issues, and will train the county in the use of the scripts, and provide guidance and assistance for facilitating data cleansing efforts.

3.) Data Validation

Manatron will provide scripts and assistance for determining the completeness of the conversion data, and will provide guidance and assistance with troubleshooting any unexpected data migration issues.

4.) Template Schemas

Manatron will provide template schemas and any necessary configuration for enabling the respective applications on SQL Server.

5.) Security Configuration

Manatron will provide initial security configuration for accessing the migrated databases and applications, and will provide assistance and guidance to the county for the cutover security implementation.

6.) Updated Application Installation

Manatron will provide assistance for configuring and installing the SQL Server versions of their applications on the test platform, and will assist with creating scripts, registry files and installation instructions for the upgraded rollout. The county will perform the rollout to client workstations for additional user testing and final rollout before/during cutover.

7.) Migration Completion Assurance

Manatron will take responsibility to ensure that migrated versions of the applications and databases are working correctly in the customer's production environment.

8.) Non-Standard and Custom County Database Objects

The county will take responsibility for testing appropriate processes, integration, and any county developed processes or procedures that are not created or maintained by Manatron. Additionally, any custom County Ascend, ProVal or third party non-legislatively mandated reports or associated schema objects will need to be dealt with outside this agreement, and will not be addressed by these conversion methods unless other arrangements are made.

9.) Web Servers and Service Processes

The county will take responsibility for installing, configuring, testing and validating that any Ascend or ProVal web servers or processes are working correctly with the converted data, excluding any web data/functions for Ascend Web, Personal Property eFile, & eConvey (eREET). The county will take responsibility for cutover to SQL Server for these products and service processes as well.

10.) Account Detail Validations

The county will take responsibility for performing validations that account level details have been migrated completed and accurately. The county will have the responsibility to notify Manatron if they find issues with the converted data.

11.) Hardware, Software and Remote Connectivity Resources

The county will take the responsibility for ensuring that hardware and software and remote connectivity resources described County Provided Resources Section are provided or provisioned in a timely manner.

12.) Data Availability

The county will take responsibility to provide data for migration from the Informix database server at appropriate intervals for conversion trials, which will typically involve a refresh of the Informix test database from Production.

13.) Database and Application Versions

The county will take responsibility for ensuring the application versions are maintained in accordance with current procedures and migration plans so that target schema consistency on SQL Server can be maintained. During migration process, versions are to be maintained at agreed upon levels prior to the 1st migration operation. The County should apply the target version for each application (Ascend/ProVal) according to the version they want to have migrated. No version upgrades will be performed during the migration.

14.) Support Coordination

Manatron project contact will have responsibility for coordinating Support on conversion issues & ensuring immediacy in addressing those issues. A Communication Plan of conference calls on at least a weekly basis when needed if conversion or testing efforts are directly active or awaiting issue resolution to continue.

Proposed Migration Timeline

Based on County database usage, the anticipated 'best' cutover time identified at this time is either late February & early March, 2012 assuming contacting approval by end of August. To achieve this goal, this is the proposed timetable:



- 1.) Aug 31, 2011 Contract Amendment Enacted.
- 2.) Sep 1, 2011 Kick-off Meeting and Discussion.
- 3.) Sep 2, 2011 Delivery of Client licensed components & Migration tools.
- 4.) Sep 7, 2011 Installs: County-client components & Manatron-migration tools.
Milestone 1 with successful install.
- 5.) Sep 9, 2011 Test/Conversion machine resources and connectivity is available.
- 6.) Sep 13, 2011 First Trial Conversion commences: DB configurations, Informix data unload, initial data manipulation, initial data load in new DBs, install/configure single Ascend & ProVal client against migration DB & train County DIS.
- 7.) Sep 15, 2011 First Trial Conversion application connectivity and testing begins.
Milestone 2 with successful testing started.
- 8.) Oct 13, 2011 Review First Trial Conversion and plan Second Trial.
- 9.) Oct 14, 2011 Schedule refresh of Test from Production.
- 10.) Oct 17, 2011 Second Trial Conversion commences- County primary/Manatron support.
- 11.) Oct 19, 2011 Second Trial Conversion application connectivity and testing begins.
- 12.) Oct 24, 2011 Testing of Report and Processes commences.
- 12.) Oct 31, 2011 Testing of Web Products and services commences.
- 13.) Nov 3, 2011 Review of Second Trial Conversion and Plan Cutover.
- 14.) Nov 4, 2011 Plan for Third Trial if desired.
- 15.) Feb 1, 2012 Plan for Final Conversion.
- 16.) Feb 20, 2012 Final Conversion commences for production cutover – final creation & configuration of Ascend/ProVal SQL Server test DB, final Informix data unload, data manipulation, & load of converted SQL Server data into new SQL Server db.
- 17.) Feb 27, 2012 Client rollout of updated applications and configuration.
- 18.) Feb 27, 2012 SQL Server Activation of Production.
Milestone 3 with successful cutover/rollout.
- 19.) Mar 6, 2012 Archive of Informix databases.

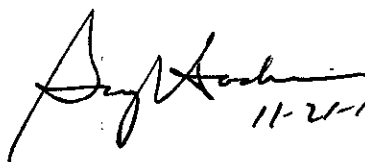
This timeline is suggested as a starting point for planning discussions. It is preferable to have the first two trials done as early as possible, leaving time for a potential third conversion trial if needed, or for additional process/testing time.

Agreement to Statement of Work and Billing

We, the undersigned, accept this document as a stable work product to be used in the delivery of the project described herein. Any deviation from this Statement of Work is to be handled through Manatron's Change Management Process.

This Statement of Work will confirm the County's request for the software and services as outlined and at the prices indicated. This will be an addendum to your existing Agreement and all the terms and conditions of those Agreements will pertain.

	<u>Snohomish County:</u>	<u>Manatron:</u>
Name:	<u>Information Services</u> <u>Director</u>	<u>Manatron, Inc.</u>
Address:	<u>3000 Rockefeller Ave M/S</u> <u>709</u> <u>Everett, WA 98201</u>	<u>510 E. Milham Ave.</u> <u>Portage, Michigan 49002</u>
Primary Phone:	<u>425-388-3349</u>	<u>866.917.4354</u>
Signature:		
Printed Name:	<u>Gage Andrews</u>	<u>John R. Hansen</u>
Title:	<u>Director, IS</u>	<u>V.P. of Risk Management</u>
Date:	<u>11/1/11</u>	<u>9/6/2011</u>


11-21-11

11/11/11

11/11/11

Exhibit H Attachment 1 – Acceptance Criteria

Purpose: The purpose of the Acceptance Criteria is to define the goals, major milestones and deliverables for each of the project phases necessary for the successful migration of Ascend/ProVal from Informix to SQL Server in Snohomish County.

Acceptance Criteria #1

Phase I – Project Initiation

Goals: The goals of the initial phase of the Snohomish County Ascend/ProVal SQL Server migration project are to provide the software and licensing necessary to use the Ascend and ProVal clients against a SQL Server database. This goal includes the delivery of tools and scripts necessary to migrate the County's data from Informix to SQL Server.

Deliverables:

- Delivery of client licensed components:
 - Querix
 - Ascend client for SQL Server
- Delivery and install of data migration tools:
 - Cygwin conversion shell

I, the undersigned, agree that work has been accepted by the County and is successfully complete and that under the conditions of the Statement of Work and this agreement, that Snohomish County will be billed **\$24,000** (Billing Milestone 1) (\$26,208 with tax) upon signing this acceptance. Included in this Billing Milestone is the Querix Annual Support of \$4,000. Support for Querix will commence on the first of the month following delivery.

	<u>Snohomish County:</u>		<u>Manatron:</u>
Name:	<u>Snohomish County</u>	<u>Snohomish County</u>	<u>Manatron, Inc.</u>
	<u>Assessor</u>	<u>Treasurer</u>	
Address:	<u>3000 Rockefeller Ave M/S</u>	<u>3000 Rockefeller Ave M/S</u>	<u>510 E. Milham Ave.</u>
	<u>510</u>	<u>501</u>	
	<u>Everett, WA 98201</u>	<u>Everett, WA 98201</u>	<u>Portage, Michigan 49002</u>
Primary	<u>425-388-3433</u>	<u>425-388-3510</u>	<u>866.917.4354</u>
Phone:			
Signature:	_____	_____	_____
Printed Name:	<u>Cindy Portmann</u>	<u>Kirke Sievers</u>	_____
Title:	<u>County Assessor</u>	<u>County Treasurer</u>	_____
Date:	_____	_____	_____

Acceptance Criteria #2

Phase II – 1ST Migration, Test Client Configuration and Initial Migration Testing

Goals: Complete a preliminary migration of data from Informix to SQL Server and to install, configure, and test one Ascend/ProVal client against the initial migration test database.

Deliverables:

- Initial creation and configuration of an Ascend/ProVal SQL Server test database & schema.
- Initial Informix data unload.
- Initial Informix data manipulation for migration into a SQL Server database.
- Initial load of converted SQL Server data into new Ascend/ProVal SQL Server database.
- Installation and configuration of a single Ascend and ProVal client which runs against the initial migration database.
- Demonstrate & train County staff in the process for each deliverable enabling County to build Production as Manatron built the Test.

I, the undersigned, agree that work has been tested and accepted by the County and is successfully complete and that under the conditions of the Statement of Work and this agreement, that Snohomish County will be billed **\$38,500** (Billing Milestone 2).

	<u>Snohomish County:</u>		<u>Manatron:</u>
Name:	<u>Snohomish County</u>	<u>Snohomish County</u>	<u>Manatron, Inc.</u>
	<u>Assessor</u>	<u>Treasurer</u>	
Address:	<u>3000 Rockefeller Ave M/S</u>	<u>3000 Rockefeller Ave M/S</u>	<u>510 E. Milham Ave.</u>
	<u>510</u>	<u>501</u>	
	<u>Everett, WA 98201</u>	<u>Everett, WA 98201</u>	<u>Portage, Michigan 49002</u>
Primary	<u>425-388-3433</u>	<u>425-388-3510</u>	<u>866.917.4354</u>
Phone:			
Signature:	_____	_____	_____
Printed Name:	<u>Cindy Portmann</u>	<u>Kirke Sievers</u>	_____
Title:	<u>County Assessor</u>	<u>County Treasurer</u>	_____
Date:	_____	_____	_____

Acceptance Criteria #3

Phase III – Final Migration and Testing for Production Cutover

Goals: Complete final migration of Ascend/ProVal data into the production SQL Server database.

Deliverables:

- Final creation and configuration of an Ascend/ProVal SQL Server test database & schema.
- Final Informix data unload.
- Final Informix data manipulation for migration into a SQL Server database.
- Final load of converted SQL Server data into Production Ascend/ProVal SQL Server database.

I, the undersigned, agree that work has been tested and accepted by the County and is successfully complete and that under the conditions of the Statement of Work and this agreement, that Snohomish County will be billed **\$38,500** (Billing Milestone 3).

	<u>Snohomish County:</u>		<u>Manatron:</u>
Name:	<u>Snohomish County</u>	<u>Snohomish County</u>	<u>Manatron, Inc.</u>
	<u>Assessor</u>	<u>Treasurer</u>	
Address:	<u>3000 Rockefeller Ave M/S</u>	<u>3000 Rockefeller Ave M/S</u>	<u>510 E. Milham Ave.</u>
	<u>510</u>	<u>501</u>	
	<u>Everett, WA 98201</u>	<u>Everett, WA 98201</u>	<u>Portage, Michigan 49002</u>
Primary	<u>425-388-3433</u>	<u>425-388-3510</u>	<u>866.917.4354</u>
Phone:			
Signature:	_____	_____	_____
Printed Name:	<u>Cindy Portmann</u>	<u>Kirke Sievers</u>	_____
Title:	<u>County Assessor</u>	<u>County Treasurer</u>	_____
Date:	_____	_____	_____

APPENDIX A

Stored Procedures and Functions Migrated to SQL Server as of March, 2011

<u>Item</u>	<u>Item</u>
FN centsperday83	P cpy_vhs_adjust
FN getDorExciseAttr	P cpy_write_log
FN getReversedFTType	P create_log_status
FN glconn	P generate_tmp_val_detail
FN LLPARSER	P get_address
FN prep_for_match	P get_copy
FN s_il_get_vc	P get_idnum
FN sig_proper	P get_leased_receipt
FN SYNCH2DATE	P get_log_changes
P altgetrelkey	P get_new_id
P annxtaxportion	P get_owner
P asc_version	P get_program_name
P change_program_name	P get_receipt
P check_log_status	P get_receipt_mo
P cpy_appeal_act	P get_schema
P cpy_appeal_con	P getaddressinfosigma
P cpy_appeal_trk2	P getbldg_a
P cpy_appraisal	P getbldg_b
P cpy_appraisal_adj	P getbldg_x
P cpy_bld_perm_trk	P getbldg_z
P cpy_bldg_permit	P getbriefinfo
P cpy_comm_amenity	P getIndexes
P cpy_comm_group	P getIndexesS
P cpy_comm_section	P getlegal
P cpy_condo_amenity	P GetNewRelKey
P cpy_condo_section	P getparcelinfo
P cpy_condo_spc_feat	P getparcelinfo_cc
P cpy_condo_unit	P getparcelinfo_lane
P cpy_crop	P getparcelinfosigma
P cpy_det_structure	P getpartyinfosigma
P cpy_error_list	P getrecepthistory
P cpy_income_detail	P getrelkey
P cpy_income_expense	P getsales_x
P cpy_income_summary	P getvalues_sigma
P cpy_inspection	P il_adjust_fund_allocate
P cpy_land	P il_allocate_fund
P cpy_land_influence	P il_allocate_fund_limit
P cpy_mobile_home	P il_calc_tax_levy_fund_levy_amount
P cpy_par_sales	P il_drn_dist_ben
P cpy_parcel	P il_ezone_dist
P cpy_residence	P il_getExemptFrozen
P cpy_valuation	P il_getVOFV
P cpy_value_history	P il_mh_tax_calc

APPENDIX A

Item

P il_RB_distrbtn_TCA
 P initialize_parcel_keys
 P main_table
 P main_test
 P mo_store_rct_items
 P or_calc_m5_limits
 P or_calc_m5_value
 P or_calc_ur_tax
 P or_getcpr
 P or_m5_tax_loss
 P or_m5_tca_tax_loss
 P or_sal_table1b
 P or_sal_table3_1
 P or_sal_table3_2
 P or_sal_table7a
 P or_sal_table7a_1
 P or_sal_table7a_2
 P or_sal_table7a_3
 P or_stmt_levy
 P or_ur_shared_rates
 P othrtab_grid
 P othrtab_grid1
 P othrweb_grid
 P pop_download
 P putbselpar
 P register_user
 P reset_log
 P return_charge_amt
 P set_copy

Item

P set_parcel_keys
 P SP_FINDBLOCKER
 P sp_get_dwnld_seq
 P sp_ItemizedList
 P sp_MHSales
 P sp_SalesByProcessDate
 P srfts
 P taxableportion
 P test_ascend36_struct
 P test_register_user
 P thu_pprop_strata
 P thu_ppropsummary
 P thu_ratiosum_sales
 P thu_rprop_strata
 P thu_rpropsummary
 P turn_log_off
 P usp_StatIndexes
 P verify_ascend_struct
 P verify_ascend36_struct
 P wa_btch_tax_dist
 P wa_ratioinvalid
 P whatisowednext
 P whatisowedtoday
 P write_stmt_levy
 P xyz
 TF parse_strg
 TF pprop_omit
 TF tax_distribution
 TF thu_ratiovalid

APPENDIX B

Washington Reports Converted to SQL Server as of February, 2010

Category y.Code	Name	access object name
ASESR	Abstract of Assessed Values (DoR) - Page 1	rptAbstractOfAssessedValuesPg1_WA0021
ASESR	Abstract of Assessed Values (DoR) - Page 3	rptAbstractOfAssessedValuesPg3_WA0023
ASESR	Abstract of Assessed Values Page 2 - Worksheet	rptAbstractWorksheetPg2_WA0022
ASESR	Abstract of Assessed Values Page 4 - Worksheet	rptAbstractWorksheetPg4_WA0024
ASESR	Assessments and Levies Due	rptAssessmentsAndLeviesDue_WA0113
ASESR	Assessments and Levies Due - School Timber	rptAssessmentsAndLeviesDueTavCalc_WA0114
ASESR	Assessments and Levies Due Pg10	rptAssessmentsAndLeviesDuePg10_WA0115
ASESR	Board of Equalization Certificate	rptBoardOfEqualizationCertificate_WA0027
ASESR	Certificate of New Construction	rptCertificateOfNewConstruction_WA0028
ASESR	Certified Values	rptCertifiedValues_WA0111
ASESR	Current Use Removal Statement	frmCurrentUseRemovalStatement_WA0030
PPROP	Deferred Personal Property Assessment Notice	rptPersonalPropertyAssessmentNotice_WA0062
PPROP	Deferred Personal Property Leased Equipment	rptPersonalPropertyLeasedEquipment_WA0063
PPROP	Deferred Personal Property Listing	rptPersonalPropertyListing_WA0064
PPROP	Deferred Personal Property Omitted Assessment	rptPersonalPropertyOmittedAssessment_WA0065
PPROP	Personal Property Assessment Notice	rptPersonalPropertyAssessmentNotice_WA0062
PPROP	Personal Property Leased Equipment	rptPersonalPropertyLeasedEquipment_WA0063
PPROP	Personal Property Listing	rptPersonalPropertyListing_WA0064
PPROP	Personal Property Omitted Assessment	rptPersonalPropertyOmittedAssessment_WA0065
ASESR	Senior Citizen Relief	rptSeniorCitizenRelief_WA0095
ASESR	Tax Booklet by Exemption Tax Shift	rptTaxBookletByExemptionTaxShift_WA0038
ASESR	Tax Booklet by Levy Code	rptTaxBookletByLevyCode_WA0039
ASESR	Tax Booklet by Open Space Tax Shift	rptTaxBookletOpenSpaceTaxShift_WA0040
ASESR	Tax Booklet by TCA	rptTaxBookletByTca_WA0041
ASESR	Tax Booklet Districts with TAV and or Joint Value	rptTaxBookletByTavOrJointValue_WA0042
ACCTG	Taxes to Transfer due to Annexation-- Washington	rptTaxesToTransferDueToAnnexation_Wash_WA0141
ACCTG	Warrants	rptWarrants_WA0100
REFER	Washington Tax Statement	frmTaxStatementWashington
REFER	Washington Tax Statement Deferred Print	frmTaxStatementWashington

SNOHOMISH COUNTY COUNCIL
Snohomish County, Washington

MOTION NO. 13-366

APPROVE AND AUTHORIZE THE COUNTY EXECUTIVE TO EXECUTE AMENDMENT
FIVE TO THE MASTER CONTRACT FOR THE COMPREHENSIVE APPRAISAL,
ASSESSMENT AND TREASURY SYSTEM

WHEREAS, the County purchased the Comprehensive Appraisal, Assessment and Treasury Management Software System pursuant to the Master Contract in 1998 by and between the County and Manatron, Inc., as successor to Asix, Inc.; and

WHEREAS, Marshall and Swift Cost Data Tables are an integral component to the Snohomish County Comprehensive Appraisal, Assessment and Treasury Management Software System as shown in Exhibits A and C of the Master Contract; and

WHEREAS, Marshall and Swift Cost Data Tables end user license fees are negotiated between Manatron, a licensed reseller of the Marshall and Swift Cost Data Tables, and Marshall and Swift, and the cost of these fees passed on to Snohomish County by Manatron with no additional cost added as a portion of Support and Upgrade Services fees; and

WHEREAS, the County desires to continue receiving Support and Upgrade services from Manatron, Inc., to include the user license fees for use of the Marshall and Swift Cost Data Tables, under a new concurrent pricing model for receiving those Services through the year 2016, under the terms and conditions described in Amendment five (5); and

WHEREAS, the combined cost, inclusive of sales tax, for maintenance support and upgrade, and user license fees for the Marshall and Swift Rate Tables should not exceed Two Hundred, Eighty-Eight Thousand, Nine Hundred and Eight-One Dollars (\$288,981) in 2013, and should not exceed a total of Eight Hundred Seventy Three Thousand, Nine Hundred and Fifty-Three Dollars (\$873,953) over three years;

NOW, THEREFORE, ON MOTION, the County Council approves and authorizes the County Executive to Execute Amendment Five (5) to the Master Contract for Comprehensive Appraisal, Assessment and Treasury System.


PASSED this 2nd day of October, 2013.

SNOHOMISH COUNTY COUNCIL
Snohomish County, Washington



Acting Council Chair

ATTEST:



Asst. Clerk of the Council

AMENDMENT FIVE TO THE CONTRACT FOR THE COMPREHENSIVE APPRAISAL, ASSESSMENT AND TREASURY SYSTEM

This is Amendment Five to the Contract for the Comprehensive Appraisal, Assessment and Treasury System, dated December 16, 1998, as amended by Amendment One, dated January 11, 2002, Amendment Two, dated April 10, 2007, Amendment Three, dated September 3, 2009, and Amendment Four, dated December 16, 2011, (collectively "Master Contract") by and between Snohomish County, a political subdivision of the State of Washington (hereafter "the County"), and Thomson Reuters/Manatron Inc., a Washington based Corporation (hereafter "the Contractor").

RECITALS

1. WHEREAS, the County originally purchased appraisal, assessment and treasury management software through that certain Contract for Comprehensive Appraisal, Assessment and Treasury System, dated December 16, 1998 (the "Original Contract"). The County has continued to use and procure additional functionality to the software and system since execution of the Original Contract; and
2. Whereas, Thomson Reuters/Manatron provides Support and Upgrade Services for its Appraisal, Assessment and Treasury System; and
3. Whereas, while Marshall and Swift Cost Data Tables are an integral component of the Appraisal, Assessment and Treasury System, they are not included in the pricing for Support and Upgrade Services. This is because Thomson Reuters/Manatron must periodically re-negotiate the Marshall and Swift end user license fees. Once negotiated, Thomson Reuters/Manatron passes the cost of the end user license fees to the customer; and
4. Whereas, the County desires to receive continued Support and Upgrade Services and use of Marshall and Swift Cost Data Tables under a new concurrent pricing model for receiving those Services and Data Tables, under the terms and conditions described in Amendment Five.

AGREEMENT

NOW THEREFORE, in consideration of the mutual obligations set out below, the parties agree that the Master Contract is amended as follows:

1. **The Master Contract, Exhibit D, Appendix B, Support and Upgrade Fees, Section 1.1, is deleted in its entirety, and replaced as follows:**

The annual Support and Upgrade Service Fees for licensed software, listed in the Master Agreement, Exhibit D, Appendix A and Amendments One, Two,

AMENDMENT FIVE TO THE MASTER
CONTRACT FOR THE COMPREHENSIVE
APPRAISAL, ASSESSMENT, AND TREASURY SYSTEM

Three and Four, will be firm fixed at 2012 rates described in Schedule A through August 2016. The Support and Upgrade Service Fees shall become due upon receipt of billing, and upon subsequent anniversaries of that date if the County elects to continue the Support and Upgrade Services.

2. A new section 1.3 is added to the Master Contract, Exhibit D, Appendix B, Support and Upgrade Fees, that reads as follows:

Marshall and Swift Cost Data Table end user license fees for Snohomish County shall remain firm-fixed at 2012 rates through 2014, as more fully described in Schedule A, Compensation, attached hereto and incorporated by reference. Rates for 2015 and 2016, shall be at the best negotiated price between Thomson Reuters/Manatron and Marshall and Swift. Thomson Reuters/Manatron shall pass on the end user license fees to Snohomish County with no additional mark up.

Except as expressly amended in this Amendment Five, the terms and conditions of the Master Contract remain unchanged and in full force and effect.

Dated this 2nd day of October 2013.

SNOHOMISH COUNTY:

GARY HAAKENSEN 10/2/13
Executive Director
Snohomish County Executive

CONTRACTOR:

John Hansen,
Thomson Reuters/Manatron, Inc.

APPROVED AS TO FORM ONLY:

Andrey M. Doronin 8/13/13
Deputy Prosecuting Attorney

COUNCIL USE ONLY	
Approved:	<u>10-2-13</u>
Docfile:	<u>D-8</u>

AMENDMENT FIVE TO THE MASTER
CONTRACT FOR THE COMPREHENSIVE
APPRAISAL, ASSESSMENT, AND TREASURY SYSTEM

**Amendment 5
Schedule A, Compensation**

**Marshall & Swift Rate Tables - 2013-2014
End User License Agreement**

Improved Residential Parcels	\$0.20/Parcel
Improved Commercial/Industrial Parcels	\$0.23/Parcel
Improved Agricultural Parcels	\$0.18/Parcel
Mobile/Manufactured Homes Parcels	\$0.21/Parcel
Improved Other/Misc. Parcels	\$0.18/Parcel

**Ascend and Proval 2013-2016
Annual Support and Upgrade Fees**

Ascend Assessment	\$53,248.00
Ascend Treasury	\$80,162.16
Ascend Checkbook	\$4,405.44
New Era (100)	\$9,784.32
Ascend EFile	\$1,560.00
Ascend Web Inq	\$4,680.00
Ascend Statement	\$2,808.00
Querix (100)	\$4,000.00
Proval Plus	\$63,011.52
 Total annual maintenance and support fees	 \$223,659.44
9.2% WSST	\$20,576.67

AMENDMENT FIVE TO THE MASTER
CONTRACT FOR THE COMPREHENSIVE
APPRAISAL, ASSESSMENT, AND TREASURY SYSTEM

AMENDMENT SIX TO THE MASTER CONTRACT FOR THE COMPREHENSIVE APPRAISAL, ASSESSMENT AND TREASURY SYSTEM

This is Amendment Six to the Master Contract for the Comprehensive Appraisal, Assessment and Treasury System, dated December 16, 1998, as amended by Amendment One, dated January 11, 2002, Amendment Two, dated April 10, 2007, Amendment Three, dated September 3, 2009, Amendment Four, dated December 16, 2011, and Amendment Five, dated October 2, 2013, (collectively "Master Contract") by and between Snohomish County, a political subdivision of the State of Washington (hereafter "the County"), and Thomson Reuters/Manatron Inc., a Washington based Corporation (hereafter "the Contractor").

RECITALS

1. WHEREAS, the County purchased appraisal, assessment and treasury management software through that certain Contract for Comprehensive Appraisal, Assessment and Treasury System, dated December 16, 1998 (the "Original Contract"). The County has continued to use and procure additional functionality to the software and system since execution of the Original Contract; and
2. Whereas, Thomson Reuters/Manatron provides Support and Upgrade Services for its Appraisal, Assessment and Treasury System; and
3. Whereas, while Marshall and Swift Cost Data Tables are an integral component of the Appraisal, Assessment and Treasury System, they are not included in the pricing for Support and Upgrade Services. This is because Thomson Reuters/Manatron must periodically re-negotiate the Marshall and Swift end user license fees. Once negotiated, Thomson Reuters/Manatron presents the end user license fees to the customer; and
4. Whereas, the County desires to receive continued Support and Upgrade Services under a new concurrent pricing model for receiving those Services, under the terms and conditions described in this Amendment No. 6.

AGREEMENT

NOW THEREFORE, in consideration of the mutual obligations set out below, the parties agree that the Master Contract is amended as follows:

1. **The following shall be appended to the Master Contract, Section 2.14.4 Term of Agreement:**

The term of the Master Contract shall be extended for an additional two years beyond August 31, 2016, ending August 31, 2018. PROVIDED HOWEVER, that the County's obligations after December 31, 2016, are contingent upon local legislative appropriation of necessary funds for this specific purpose in accordance with the County Charter and applicable law. The Master Contract may be extended by

amendment for one optional term from September 1, 2018 through August 31, 2019, upon execution of an amendment prior to August 31, 2018.

2. The Master Contract, Exhibit D, Appendix B, Support and Upgrade Fees, Section 1.1, is deleted in its entirety, and replaced as follows:

The annual Support and Upgrade Service Fees for licensed software shall be as described in this **Amendment Six, Schedule A**, from September 1, 2016, through August 31, 2018, (or through August 31, 2019, should the parties agree to extend the Master Contract through the optional term). The Support and Upgrade Service Fees shall become due upon receipt of invoice and upon subsequent anniversaries if the County elects to continue the Support and Upgrade Services.

Except as expressly amended in this Amendment Six, the terms and conditions of the Master Contract remain unchanged and in full force and effect.

Dated this 20th day of July 2016.

SNOHOMISH COUNTY:

Dave Somers for
Dave Somers,
Snohomish County Executive
Marcia Isenberg
Deputy Executive

CONTRACTOR:

Brian A. Wilson
Brian A. Wilson,
Thomson Reuters/Manatron, Inc.

APPROVED AS TO FORM ONLY:

Rebecca Wendling 5/27/16
Deputy Prosecuting Attorney



RECOMMENDED FOR APPROVAL:

W. Ho 6/17/16
Information Services Director

RECOMMENDED FOR APPROVAL:

Diame C. Baer
Risk Management

COUNCIL USE ONLY	
Approved:	<u>7.20.16</u>
Docfile:	<u>D-20</u>

**Amendment 6
Schedule A, Compensation**

**Ascend and Proval 9.1.2016 – 8.31.2019
Annual Support and Upgrade Fees**

Ascend Assessment	\$56,508.00
Ascend Treasury.....	\$85,069.00
Ascend Checkbook.....	\$4,676.00
New Era (100)	\$10,384.00
Ascend EFile	\$1,656.00
Ascend Web Inq	\$4,967.00
Ascend Statement	\$2,980.00
Querix (100)	\$5,731.00
Proval Plus	\$66,869.00
 Total annual maintenance and support fees.....	 \$238,840.00
9.2% WSST	\$21,973.28

AMENDMENT SEVEN TO THE MASTER CONTRACT FOR THE COMPREHENSIVE APPRAISAL, ASSESSMENT AND TREASURY SYSTEM

This is Amendment Seven to the Master Contract for the Comprehensive Appraisal, Assessment and Treasury System, dated December 16, 1998, as amended by Amendment One, dated January 11, 2002, Amendment Two, dated April 10, 2007, Amendment Three, dated September 3, 2009, Amendment Four, dated December 16, 2011, Amendment Five, dated October 2, 2013, and Amendment Six, dated July 20, 2016 (collectively "Master Contract") by and between Snohomish County, a political subdivision of the State of Washington (hereafter "the County"), and Thomson Reuters/Manatron Inc., a Washington based Corporation (hereafter "the Contractor").

RECITALS

1. WHEREAS, the County purchased appraisal, assessment and treasury management software through that certain Contract for Comprehensive Appraisal, Assessment and Treasury System, dated December 16, 1998 (the "Original Contract"). The County has continued to use and procure additional functionality to the software and system since execution of the Original Contract; and
2. Whereas, Thomson Reuters/Manatron provides Support and Upgrade Services for its Appraisal, Assessment and Treasury System; and
3. Whereas, while Marshall and Swift Cost Data Tables are an integral component of the Appraisal, Assessment and Treasury System, they are not included in the pricing for Support and Upgrade Services, because Thomson Reuters/Manatron must periodically re-negotiate the Marshall and Swift end user license fees. Once negotiated, Thomson Reuters/Manatron presents the end user license fees to the customer; and
4. Whereas, the County desires to receive continued Support and Upgrade Services under the existing pricing model for receiving those Services, under the terms and conditions described in this Amendment Seven.

AGREEMENT

NOW THEREFORE, in consideration of the mutual obligations set out below, the parties agree that the Master Contract is amended as follows:

1. The following shall be appended to the Master Contract, Section 2.14.4 Term of Agreement:

The term of the Master Contract shall be extended to August 31, 2020; PROVIDED HOWEVER, that the County's obligations after December 31, 2018, are contingent upon local legislative appropriation of necessary funds for this specific purpose in accordance with the County Charter and applicable law. The Master Contract may be extended for one additional term from September 1, 2020, through August 31, 2021, upon written notice from the County to Thomson Reuters prior to August 31, 2020.


2. The Master Contract, Exhibit D, Appendix B, Support and Upgrade Fees, Section 1.1, is deleted in its entirety, and replaced as follows:

The annual Support and Upgrade Service Fees for licensed software shall be as described in this **Schedule A-7** attached hereto and incorporated by this reference, from September 1, 2018, through August 31, 2020, (or through August 31, 2021, should the County extend the Master Contract through the additional term). The Support and Upgrade Service Fees shall become due upon receipt of invoice and upon subsequent anniversaries if the County elects to continue the Support and Upgrade Services.

Except as expressly amended in this Amendment Seven, the terms and conditions of the Master Contract remain unchanged and in full force and effect.


Dated this 24th day of September 2018.

SNOHOMISH COUNTY:


 9/24/18 for
Dave Somers,
Snohomish County Executive

KEN KLEIN
Executive Director


CONTRACTOR:


Brian A. Wilson,
Thomson Reuters/Manatron, Inc.

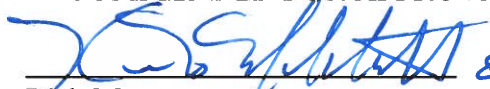
APPROVED AS TO FORM ONLY:

 8/19/18
Deputy Prosecuting Attorney

RECOMMENDED FOR APPROVAL:


Information Technology Director
for Derek EHRD.

RECOMMENDED FOR APPROVAL:

 8-14-18
Risk Management

COUNCIL USE ONLY	
Approved:	9.19.18
DeFile:	D-4

Amendment Seven

Amendment Seven to the Master Agreement
For the Comprehensive Appraisal, Assessor and Treasury System

Schedule A-7, Compensation

Ascend and Proval 9.1.2018 – 8.31.2020 Annual Support and Upgrade Fees

Ascend Assessment	\$58,768.32
Ascend Treasury	\$88,471.76
Ascend Checkbook	\$4,863.04
New Era (100)	\$10,799.36
Ascend EFile	\$1,722.24
Ascend Web Inq	\$5,165.68
Ascend Statement	\$3,099.20
Querix (100)	\$5,960.24
Proval Plus	\$69,543.76
 Total annual maintenance and support fees	 \$248,393.60
9.7% WSST	\$24,094.18

AMENDMENT EIGHT TO THE MASTER CONTRACT FOR THE COMPREHENSIVE APPRAISAL, ASSESSMENT AND TREASURY SYSTEM

This is Amendment Eight to the Master Contract for the Comprehensive Appraisal, Assessment and Treasury System, dated December 16, 1998, as amended by Amendment One, dated January 11, 2002, Amendment Two, dated April 10, 2007, Amendment Three, dated September 3, 2009, Amendment Four, dated December 16, 2011, Amendment Five, dated October 2, 2013, Amendment Six, dated July 20, 2016, and Amendment Seven, dated September 24, 2018 (collectively “Master Contract”) by and between Snohomish County, a political subdivision of the State of Washington (hereafter “the County”), and Manatron Inc., a Corporation (hereafter “the Contractor”).

RECITALS

1. WHEREAS, the County purchased appraisal, assessment and treasury management software through that certain Contract for Comprehensive Appraisal, Assessment and Treasury System, dated December 16, 1998 (the “Original Contract”). The County has continued to use and procure additional functionality to the software and system since execution of the Original Contract; and
2. Whereas, Thomson Reuters sold Manatron, Inc to N. Harris Computer Corporation in November 2019 and Manatron, Inc retained their tax ID number and expressly assumed all obligations and duties under the Master Contract for Comprehensive Appraisal, Assessment and Treasury System, as amended;
3. Whereas, Manatron provides Support and Upgrade Services for its Appraisal, Assessment and Treasury System; and
4. Whereas, while Marshall and Swift Cost Data Tables are an integral component of the Appraisal, Assessment and Treasury System, they are not included in the pricing for Support and Upgrade Services, because Manatron must periodically re-negotiate the Marshall and Swift end user license fees. Once negotiated, Manatron presents the end user license fees to the customer; and
5. Whereas, the County desires to receive continued Support and Upgrade Services under the existing pricing model for receiving those Services, under the terms and conditions described in this Amendment Eight.

AGREEMENT

NOW THEREFORE, in consideration of the mutual obligations set out below, the parties agree that the Master Contract is amended as follows:

1. The following shall be appended to the Master Contract, Section 2.14.4 Term of Agreement:

The term of the Master Contract shall be extended to August 31, 2024; PROVIDED HOWEVER, that the County's obligations after December 31, 2021, are contingent upon local legislative appropriation of necessary funds for this specific purpose in accordance with the County Charter and applicable law. The Master Contract may be extended for one additional term from September 1, 2024, through August 31, 2025, upon written notice from the County to Manatron prior to August 31, 2024.

2. The Master Contract, Exhibit D, Appendix B, Support and Upgrade Fees, Section 1.1, is deleted in its entirety, and replaced as follows:

The annual Support and Upgrade Service Fees for licensed software shall be as described in this **Schedule A-8** attached hereto and incorporated by this reference, from September 1, 2021, through August 31, 2024, (or through August 31, 2025, should the County extend the Master Contract through the additional term). The Support and Upgrade Service Fees shall become due upon receipt of invoice and upon subsequent anniversaries if the County elects to continue the Support and Upgrade Services.

Except as expressly amended in this Amendment Eight, the terms and conditions of the Master Contract remain unchanged and in full force and effect.

Dated this _____ day of _____, 2021.

SNOHOMISH COUNTY:

Dave Somers,
Snohomish County Executive

CONTRACTOR:



Scot Crismon,
Manatron, Inc.

APPROVED AS TO FORM ONLY:

Deputy Prosecuting Attorney

RECOMMENDED FOR APPROVAL:

Risk Management

**Amendment Eight
Schedule A-8, Compensation**

**Ascend and Proval 9.1.2021 – 8.31.2024
Annual Support and Upgrade Fees**

The fees referenced below are averages based on 2021 – 2024 Maintenance and Support Fees. Should the County wish to extend the agreement outlined in Section 1 for the 2024 – 2025 Term then the Annual Fee for that term would be based on the actual 2023 – 2024 fees plus an annual increase which shall not exceed 5% over the actual 2023-2024 rate.

Ascend Assessment	\$63,596.00
Ascend Treasury	\$95,740.00
Ascend Checkbook	\$5,261.00
New Era (100)	\$11,687.00
Ascend EFile	\$1,864.00
Ascend Web Inq	\$5,590.00
Ascend Statement	\$3,354.00
Querix (100)	\$11,030.00
Proval Plus.....	\$75,257.00
 Total annual maintenance and support fees.....	 \$273,379.00
9.8% WSST	\$26,791.14

Should the County wish to adjust the Maintenance & Support Fee from an Annual Invoice to an alternate invoice cycle, for the 2023-2024 term based on the expected transition to Aumentum Platform, then the County will provide Aumentum Tech's Finance and Accounting Department with 60-Days advanced notice prior to end of the 2022-2023 term. The parties will work together to discuss and finalize the adjustment.