AMENDMENT FOUR TO THE MASTERCONTRACT 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:**

Snohomish County SQL Server Database Migration Project Statement of Work (consisting of pages numbered 1 through 18)
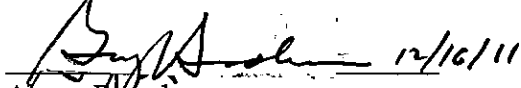
3. **The Master Contract, Exhibit D, Appendix A, Software Licensed, Designated Computers, is amended by replacing the original document with Amendment Four, Exhibit D, Appendix A and Appendix B, attached hereto and by this reference incorporated herein.**

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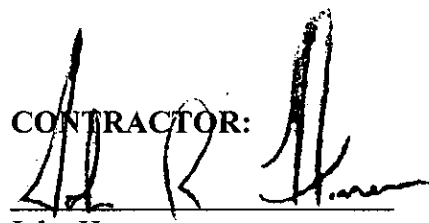
Except as expressly amended in this Amendment Four, the terms and conditions of the Master Contract, Amendment One, Amendment Two, and Amendment Three remain unchanged and in full force and effect.

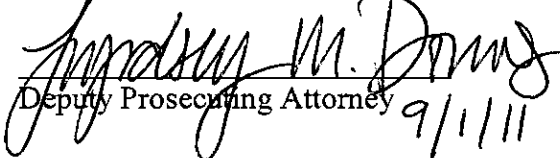Dated this 16ᵗʰ day of December 2011.

SNOHOMISH COUNTY:

_____ 12/16/11
for: Aaron Reardon,
Snohomish County Executive

CONTRACTOR:

_____
John Hansen,
Manatron, Inc.

APPROVED AS TO FORM ONLY:

_____
Deputy Prosecuting Attorney 9/1/11

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

<h1 style="text-align:center">EXHIBIT H</h1>

<h2 style="text-align:center">SQL Server Database Migration Project Statement of Work</h2>

<h2 style="text-align:center">SNOHOMISH COUNTY AND MANATRON</h2>

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)	$ 4,000
Subtotal:	$101,000
Washington State Sales Tax $24,000:	$ 2,208
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 Managerwill 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 manger'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:

a. $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.

b. $38,500 following acceptance of Acceptance Criteria #2 - Phase II – 1ST Migration, Test Client Configuration and Initial Migration Testing on page 15.

c. $38,500 following acceptance of Acceptance Criteria #3 - Phase III – Final Migration and Testing for Production Cutover on page 16.

d. 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 it's 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:
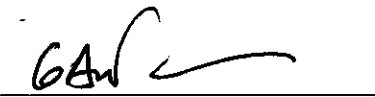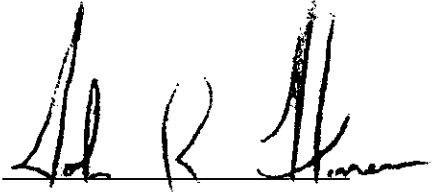
1.) Aug 31, 2011   Contract Amendment Enacted.

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.
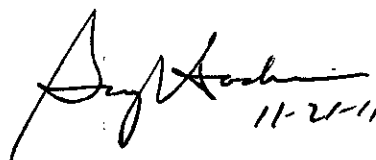
19.) Mar 6, 2012   Archive of Informix databases.

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.

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

(signature) 11-21-11

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.

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

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

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

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

Item		**Item**	
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	getreceipthistory
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		**Item**
P	il_RB_distrbtn_TCA	P	set_parcel_keys
P	initialize_parcel_keys	P	SP_FINDBLOCKER
P	main_table	P	sp_get_dwnld_seq
P	main_test	P	sp_ItemizedList
P	mo_store_rct_items	P	sp_MHSales
P	or_calc_m5_limits	P	sp_SalesByProcessDate
P	or_calc_m5_value	P	srfts
P	or_calc_ur_tax	P	taxableportion
P	or_getcpr	P	test_ascend36_struct
P	or_m5_tax_loss	P	test_register_user
P	or_m5_tca_tax_loss	P	thu_pprop_strata
P	or_sal_table1b	P	thu_ppropsummary
P	or_sal_table3_1	P	thu_ratiosum_sales
P	or_sal_table3_2	P	thu_rprop_strata
P	or_sal_table7a	P	thu_rpropsummary
P	or_sal_table7a_1	P	turn_log_off
P	or_sal_table7a_2	P	usp_StatIndexes
P	or_sal_table7a_3	P	verify_ascend_struct
P	or_stmt_levy	P	verify_ascend36_struct
P	or_ur_shared_rates	P	wa_btch_tax_dist
P	othrtab_grid	P	wa_ratioinvalid
P	othrtab_grid1	P	whatisowednext
P	othrweb_grid	P	whatisowedtoday
P	pop_download	P	write_stmt_levy
P	putbselpar	P	xyz
P	register_user	TF	parse_strg
P	reset_log	TF	pprop_omit
P	return_charge_amt	TF	tax_distribution
P	set_copy	TF	thu_ratiovalid

Washington Reports Converted to SQL Server as of February, 2010

Category 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