



STATE OF MICHIGAN ENTERPRISE PROCUREMENT

Department of Technology, Management, and Budget
525 W. ALLEGAN ST., LANSING, MICHIGAN 48913
P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number 23
to
Contract Number 071B1300157

CONTRACTOR	HP Enterprise Services, LLC
	5400 Legacy Drive
	Plano, TX 75024
	Debra Popa
	517-290-0254
	debra.popa@hp.com
	*****2737

STATE	Program Manager	Ross Feldpausch	DNR
		517-284-7045	
	FeldpauschR@Michigan.gov		
	Contract Administrator	Jarrod Barron	DTMB
(517) 284-7045			
BarronJ1@michigan.gov			

CONTRACT SUMMARY				
DESCRIPTION: MDNR Retail Sales System				
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW	
June 1, 2010	May 31, 2015	5 - 1 Year	May 31, 2020	
PAYMENT TERMS		DELIVERY TIMEFRAME		
NA		NA		
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING	
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
MINIMUM DELIVERY REQUIREMENTS				
NA				
DESCRIPTION OF CHANGE NOTICE				
OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		Click here to enter a date.
CURRENT VALUE		VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE	
\$37,397,901.00		\$ 133,194.00	\$37,531,095.00	

DESCRIPTION: Effective September 13, 2016, this contract is amended to add funding and the attached Change Authorization Requests (CAR) 2016-008, which shall be paid with funds approved by the State Administrative Board on August 16, 2016. Remaining approved Ad Board funds following amendment: \$3,466,806.00. All other terms, conditions, specifications and pricing remain the same. Per contractor, agency, and DTMB Procurement agreement.

CHANGE AUTHORIZATION REQUEST
Contract No. 071B1300157 Change Authorization Request No. 2016-008

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to modify the RSS-II system for the following Change Requests utilizing the Agile Scrum framework: □ Release 16.3 additional User Stories for the following functionality:

- Add a menu
- Log returned surveys
- Drop customers from a survey
- View survey summary information
- Search, view, and maintain survey customer data
- Create mailing lists

The Agile Scrum framework development approach shall apply instead of the 7 phased development approach defined in section 1.104 Work and Deliverables.

The project will be tailored using the State's "Agile Process Guide" as found in http://www.michigan.gov/documents/suite/SUITE_Agile_Process_Guide__20120711_V.1_430719_7.pdf as of 6/22/2016.

II-A PROBLEM STATEMENT

MDNR Wildlife division needs to retire the current PowerBuilder applications which includes the existing survey tool used for mailed surveys. The MDNR Wildlife division requires additional functionality, besides manual entry of survey data for mailed responses, to facilitate shutdown of the existing PowerBuilder application.

II-B OBJECTIVES

Add functionality to the Feedback Server Survey application to include (1) Menu selection (2) Log returned surveys (3) Drop customers from an existing survey from future mailings (4) View survey summary information (5) Search for survey customers to maintain survey address and view summary of the customers survey information (6) Creation of mailing lists

II-C TASKS

Additional functionality to replace the PowerBuilder application for survey maintenance:

- Create a menu with options for the following:
 - Log returned surveys
 - Drop surveys from future mailings
 - Select a survey for data entry (CAR 2016 005) or summary (NEW)
 - Search respondents
 - Create mailing list
 - Logout
- Log returned surveys
- For a given customer, survey and mail number (either entered or scanned via barcode scanner), save the information to Feedback Server database so that the returned survey is marked as received by Wildlife

- o Include the user ID of the person logging the survey and the date/time of the survey returned
- Drop a customer from a survey from future mailings
 - o For a given customer, survey and mail number (either entered or scanned via barcode scanner), mark the customer as dropped to avoid future mailings of the survey to the entered customer
- View survey summary information
 - o For a selected survey (CAR 2016 005), display of the Survey Number and Survey Title. Display for each Mailing Number: Mailing Number, Date when mailing list created, Count of surveys sent in mailing, Count of logged surveys, Count of dropped surveys, Count of no response (calculated as: Total Mailed-Total Logged-Total Dropped)
- Search for survey customers to maintain addresses within Feedback Server and view customer survey summary
 - o The user can search for a customers using the following criteria: Customer ID, Survey Number, Last Name, First Name, Address 1, Address 2, City, State, and Zip
 - o A customer list will be displayed for the customers who meet the search criteria
 - o For the selected customer, the user can view the following information: Customer ID, Customer Name, Customer Address, Survey number, Survey Title, Mailing 1 Sent Date, Mailing 2 Sent Date, Mailing 3 Sent Date, Returned Date, Returned Mailing Number, Returned User ID, Drop Date, Drop Mailing Number, Drop User ID, Data Entry Date, Data Entry User ID, Batch Number, Record Number, Last Respondent Update Date, and the Last Customer Update User
 - o For the selected customer, the user can maintain the Customer Name and Customer Address information within Feedback Survey
- Create mailing lists
 - o Allow the user to select a mailing number for a survey
 - o For that survey, create a tab-delimited file containing First Name, Middle Name, and Last Name, Address 1, Address 2, City, State, Zip, Customer ID (5 digits), Survey Number (7 digits zero filled), and Mailing number (1 digit), and a barcode field containing:
 - *, Customer ID, Survey Number, Mailing Number, and * (concatenated together)
 - o Update the Date/Time and User ID for the mailing number selected for each customer that will receive the survey via mail
 - o Ignore customers who have completed the survey or who are dropped from the survey
- Additional items included for the increase in functionality to Release 16.3:
 - o The number of sprints estimated to be added to Release 16.3 is three (3)
 - o An additional 4 days will be added to Quality Assurance testing
 - o An additional 5 days will be added to User Acceptance testing
 - o DBA work for odometers is included
 - o Planning documentation for additional functional is included
- Assumptions:
 - o Pages will be basic using default fonts and layout. Online help will not be included with the enhancement
 - o The maximum number of mailings sent per survey is three (3)

III. Cost

This work will be invoiced on actual time and materials. The effort is estimated at the following:

Invoice Dates:	August 2016 – November 2016
Estimated Effort:	1264 hours
Total cost for CAR 2016-008(estimated):	\$ 133,194

HPES' performance obligations with regard to system implementation are defined solely by the number of Sprints HPES must complete with the defined staff. Neither the Product Backlog nor functionality or system descriptions in the Change Authorization Request or Scope Statement will serve to create performance obligations beyond the contracted number of Sprints HPES will perform as currently estimated at an additional three (3) sprints.

IV. Impact on Contract *Increase:* \$133,194



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CONTRACT CHANGE NOTICE

Change Notice Number 22
to
Contract Number 071B1300157

CONTRACTOR	HP Enterprise Services, LLC
	5400 Legacy Drive
	Plano, TX 75024
	Debra Popa
	517-290-0254
	debra.popa@hpe.com
	*****2737

STATE	Program Manager	Ross Feldpausch	DNR
		517-284-6078	
		FeldpauschR@Michigan.gov	
STATE	Contract Administrator	Jarrod Barron	DTMB
		(517) 284-7045	
		BarronJ1@michigan.gov	

CONTRACT SUMMARY				
DESCRIPTION: MDNR Retail Sales System				
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW	
June 1, 2010	May 31, 2015	5 - 1 Year	May 31, 2020	
PAYMENT TERMS		DELIVERY TIMEFRAME		
N/A		N/A		
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING	
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
MINIMUM DELIVERY REQUIREMENTS				
N/A				
DESCRIPTION OF CHANGE NOTICE				
OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		
CURRENT VALUE		VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE	
\$37,244,415.00		\$ 153,486.00	\$37,397,901.00	

DESCRIPTION: Effective August 16, 2016, this contract is amended to add the attached Change Authorization Requests (CAR) 2016-003, 2016-004, 2016-005 and 2016-006. CAR 2016-003 and 2016-006 shall be paid with existing contract funds and CAR 2016-004 and 2016-005 will be paid with \$153,486.00 added funds. All other terms, conditions, specifications and pricing remain the same. Per contractor, agency, DTMB Procurement agreement and approval of State Administrative Board.

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2016-003

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to modify the RSS-II system for the following Change Requests:

- Release 16.2
 - CR93731 – Change EFT and Child Support interfaces to transmit files to FTS using a secure protocol
 - CR94105 – Enable SQL Server Reporting Services (SSRS)
 - CR94104 – POS application usability study with user evaluation
 - CR94174 – Remove year from drawing notification

II-A PROBLEM STATEMENT

- CR93731 – EFT and Child Support interfaces are transmitted using FTP through FTS
- CR94105 – RSS users do not have a simple tool to create reports from RSS data
- CR94104 – The POS hardware is being evaluated for future replacement. The application is in need of a review to prepare for touchscreen hardware, along with reducing the amount of entries an agent makes for a transaction.
- CR94174 – Drawing notification entries remain constant through the years causing DNR to reenter duplicate notification data per drawing

II-B OBJECTIVES

- CR93731 – Provide additional security of the transmission of EFT and Child Support data through FTS
- CR94105 – Provide an adhoc RSS reporting environment
- CR94104 – Provide feedback from a heuristic evaluation, against ten heuristics, to prepare for touchscreen hardware and to reduce the POS application transaction process. The feedback provides suggestions for future change to the POS application
- CR94174 – Remove the year from drawing notification processing

II-C TASKS

- CR93731 – Change EFT and Child Support interfaces to transmit files to FTS using a secure protocol
 - Update the transmission of EFT and Child Support through FTS using a secure file transfer protocol
 - Remove entry of data into the FTP Files table
 - Update the Child Support file schedule to be sent at 7:00 AM ET on Sundays
- CR94105 – SQL Server Reporting Services (SSRS)
 - Install and configure SSRS in Model Office and Production environments

- Create a website for SSRS
- Create 1 dashboard report that contains 3-4 graphs
- Create training material for using Report Builder and execution of reports. The training will cover topics for creating, saving and distributing basic reports
- Provide one (1) 2 hour training session to be given at DNR
- Provide SSL certificates for SSRS in Model Office and Production
- Note: SSRS 2012 will be the version installed
- Note: SSRS will not be installed in the Disaster Recovery environment. If a disaster is declared, a manual install will be required and is not included in the 96 hour recovery time objective, if required
- CR94104 – POS usability study with user evaluation
 - Provide a Heuristic Evaluation as follows:
 - The DNR team will review objectives of the evaluation with an HPE User Experience SME
 - The DNR team will walk through the application with the HPE User Experience SME
 - The DNR team will identify two (2) agents for the purpose of an interview conducted by the HPE User Experience SME
 - A Heuristics review finding document will be provided by HPE. The evaluation will be completed against ten (10) heuristics as noted in the Heuristic Evaluation Experience Data Sheet.pdf provided to DNR on 2/17/2016
 - The Heuristics finding document will be presented to DNR during one (1) two hour meeting
 - Note: The HPE User Experience SME interaction will be via conference calls
- CR94174 – Remove year from Drawing notification
 - Alter the Notification Parameters table to remove the year field
 - Update the Create Notification Table and Create Notification Records job to remove the use of the year from the Notification Parameters table
 - Note: DNR will validate Notification Parameters prior to each drawing notification

III. Cost

**This work will be invoiced on actual time and materials.
The effort is estimated at the following:**

Estimated Effort:

Release 16.2

CR93731
CR94105
CR94104
CR94174

=====
Total: 872 hours

Estimated Cost:

Release 16.2

CR93731
CR94105
CR94104
CR94174

=====
Total: \$93,785

Invoice Dates: March 2016 – May 2016

Total cost for CAR 2016-003(estimated): \$ 93,785.00

IV. Impact on Contract

Increase: \$ 0

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2016-004

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to modify the RSS-II system for the following Change Requests:

- Release 16.2.2
 - CR94178 – Create a database for FeedbackServer lookup data and a process to extract FeedbackServer respondents
 - CR94180 – Implement a control to display a calendar within FeedbackServer which allows participants to select multiple dates (MultiDate picker widget)
 - CR94179 – Implement a control to display a map within FeedbackServer which allows participants to select a location (Geolocation widget)

II-A PROBLEM STATEMENT

- CR94178– DNR Wildlife requires data outside of RSS to be used for a FeedbackServer survey (i.e., hunt management units to county). The DNR Wildlife division also requires a listing of customers that participated in the FeedbackServer survey for use in other applications.
- CR94180 – FeedbackServer does not include built in controls for calendar display when selecting dates
- CR94179 – FeedbackServer does not include built in controls for Geolocation

II-B OBJECTIVES

- CR94178 – Provide an area that DNR Wildlife can create data that does not exist in RSS for use in FeedbackServer. Deliver an interface that allows FeedbackServer survey respondent information to be loaded to other applications
- CR94180 – Provide a fully functional MultiDate picker widget for use in FeedbackServer surveys
- CR94179 – Provide a fully functional Geolocation widget for use in FeedbackServer surveys

II-C TASKS

- CR94178 – Create a database for FeedbackServer lookup data and a process to extract FeedbackServer respondents
 - Update the 2015 Spring Turkey survey for the following:
 - Include the SQL Security add-in to inquire on customer keys from the Driver License or Sportcard input for customers that participate in that hunt
 - Create a stored procedure to return the customer key for each survey respondent in FeedbackServer

- Include an additional database on the Inquiry server for FeedbackServer. This database will be used by DNR Wildlife to create and populate data required outside of RSS (Lookup database)
- Assumptions
 - DTMB will create the DTS/SSIS packages to sync data with the existing mail survey database
 - DTMB has a test environment for performing Formal Acceptance Testing
 - DTMB has access to the Model Office environment to execute the stored procedure
 - DTMB will provide the FeedbackServer SurveyID as an input parameter to the stored procedure
 - The customer key stored with the survey (at the time the survey response was recorded) will be the value returned by the stored procedure
 - The created lookup database will not be in Erwin, DB Design document or Data Dictionary spreadsheets
 - The created lookup database will be encrypted but not archived
- CR94180 – Implement a control to allow a calendar display within FeedbackServer which allows participants to select multiple dates (MultiDate picker widget)
 - Implement the MultiDate picker widget (non-popup version) in FeedbackServer
 - Integrate the MultiDate picker widget into the 2015 Spring Turkey survey. This survey will be used during system and FAT testing
 - Assumptions
 - Client assumes ownership of MultiDate picker widget after sign-off
 - HPE will store a copy of the developed MultiDate picker widget in the HPE Configuration Management tool, but HPE is not responsible for changes made by the client
 - Application Code Review is not included in this estimate. This Service verifies that all client applications are developed and coded following secure programming procedures.
- CR94179 – Implement a control to allow a map display within FeedbackServer which allows participants to select location (Geolocation widget)
 - Implement the Geolocation widget in FeedbackServer
 - Test Geolocation widget in Chrome and IE11
 - Integrate Geolocation widget into the 2015 Spring Turkey Survey. This survey will be used during system and FAT testing
 - Assumptions:
 - Geolocation starting code base will be sent to HPE by the DNR Wildlife staff at the start of the project
 - Client assumes ownership of the Geolocation widget after sign-off
 - HPE will store a copy of the developed Geolocation widget in the HPE Configuration Management tool, but HPE is not responsible for changes made by the client
 - Application Code Review is not included in this estimate.

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Estimated Effort:

Release 16.2.2

CR94178

CR94180

CR94179

=====

Total: 347 hours

Estimated Cost:

Release 16.2.2

CR94178

CR94180

CR94179

=====
Total: \$44,923

Invoice Dates: March 2016 – May 2016
Total cost for CAR 2016-004(estimated): \$ 44,923.00

IV. Impact on Contract

Increase: \$ 44,923.00

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2016-005

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to modify the RSS-II system for the following Change Requests:

- Release 16.3
 - CR93085 – Data entry process for recording responses to mailed surveys and data entry procedures

II-A PROBLEM STATEMENT

- CR93085 – MDNR Wildlife division needs to retire the current PowerBuilder applications which includes the existing survey tool used for mailed surveys. The MDNR Wildlife division requires a manual entry of survey data for mailed responses into FeedbackServer that assists the staff with fewer keystrokes when entering manual responses.

II-B OBJECTIVES

- CR93085 – Create a data entry process for recording responses to mailed surveys and provide data entry procedures

II-C TASKS

- CR93085 – Data entry process for recording responses to mailed surveys and data entry procedures
 - Authenticate users before data entry (login page)
 - Allow the authenticated users the ability to select an active survey
 - Display a listing of active surveys within FeedbackServer
 - Allow filter/selection of the active survey by name and year or by scanning a barcode
 - Display the number of survey responses received, current response and batch number for the active surveys
 - Allow the authenticated users the ability to select panelists for an active selected survey
 - Select the panelist either through manual entry or scanning a barcode
 - Display the status of the panelist (responded or not responded)
 - Automatically assign a unique mailing response number and batch number based on a survey and year
 - Allow the manual update of the mailing response number and batch number
 - Use audio and visual cues to indicate a batch number is incrementing
 - Allow the authenticated users the ability to manually enter data for an active selected survey panelist
 - Dynamically process questions from the selected active survey and display them in the proper numbered order
 - Map multiple choice answers to numeric values using the answer order

- Allow for shorthand entry of field values and field advancement without using Enter or Tab keys
- Apply validations from the selected survey to the appropriate questions
 - Minimum/maximum value range
 - Answer skip/hide logic
 - Regular expression validation
 - Other validations defined in FeedbackServer
- Apply skip logic to automatically skip a set of questions
- Display previously entered responses and allow updates
- Update FeedbackServer tables so that data is consistent with online responses
- Create procedures for new survey creation and data entry
- Provide one (1) 2 hour informal training session with MDNR Wildlife staff prior to formal acceptance testing
- Assumptions:
 - The data entry process will only use survey questions, answers, validations and skip logic defined in FeedbackServer
 - Prior to HPE development of the manually entered data page, a survey (Feedback survey and corresponding mailed survey) will be provided to HPE by the MDNR Wildlife staff. This survey will be used to define and test all of the question and answer types that the data entry process will support. One survey will be used and tested. The following are the answer types that will be tested:
 - Single choice
 - Multiple choice
 - Textbox field
 - Comment field
 - Multi Date selection
 - Additional question and answer types can be added as future enhancements.
 - The online survey will match the question order and answer values and order of the corresponding mailed survey. MDNR Wildlife staff will be trained to skip questions that are not used in the mailed survey or any unsupported question / answer types
 - Pages will be basic using default fonts and layout. Online help will not be included with the enhancement

III. Cost

**This work will be invoiced on actual time and materials.
The effort is estimated at the following:**

Invoice Dates: May 2016 – August 2016

Estimated Effort: 904 hours

Total cost for CAR 2016-005(estimated):\$ 108,563

IV. Impact on Contract

Increase: \$ 108,563

CHANGE AUTHORIZATION REQUEST**Contract No. 071B1300157****Change Authorization Request No. 2016-006****I. General**

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to procure HPE Agile tools and training so that future work can be managed using the Agile Scrum framework.

II-A PROBLEM STATEMENT

MDNR has requested HPES to begin to manage work using the Agile Scrum framework.

II-B OBJECTIVES

Provide tools and training to manage work using Agile Scrum framework.

II-C TASKS

- Obtain HP Agile Manager (AGM) licenses for the HPES team through September 2016
- Configure AGM workspace
- Prepare and conduct a 2 day Agile Scrum training class
- Obtain Scrum Coach for Release 16.3 work performed using Agile Scrum framework

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Invoice Dates: June 2016 – August 2016

Estimated Effort: 140 hours

Total cost for CAR 2016-006(estimated):\$ 21,756

The AGM licenses for the MDNR staff will be procured under the MMCC contract and are not included in the cost of this CAR.

IV. Impact on Contract

Increase: \$ 0

RSS-II

Form No. DTMB-3521 (Rev. 7/2015)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

**STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 525 W. ALLEGAN, LANSING, MI 48933**

**CHANGE NOTICE NO. 21
 to
 CONTRACT NO. 071B1300157
 between
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF CONTRACTOR	PRIMARY CONTACT	EMAIL
HP Enterprise Services, LLC 5400 Legacy Drive Plano TX, 75024	Debra Popa	debra.popa@hpe.com
	PHONE	CONTRACTOR'S TAX ID NO. (LAST FOUR DIGITS ONLY)
	517-290-0254	*****2737

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
PROGRAM MANAGER / CCI	DNR	Ross Feldpausch	517-284-6078	FeldpaushR@michigan.gov
CONTRACT ADMINISTRATOR	DTMB	Jarrod Barron	517-284-7045	Barronj1@michigan.gov

CONTRACT SUMMARY			
DESCRIPTION: Mdnr Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
June 1, 2010	May 31, 2015	5 - 1 Year	May 31, 2020
PAYMENT TERMS		DELIVERY TIMEFRAME	
N/A		N/A	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
N/A			

DESCRIPTION OF CHANGE NOTICE				
EXERCISE OPTION?	LENGTH OF OPTION	EXERCISE EXTENSION?	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		
CURRENT VALUE		VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE	
\$37,244,415.00		\$ 0.00	\$37,244,415.00	
DESCRIPTION: Effective December 17, 2015, this contract is amended to add the attached Change Authorization Requests 2015-009 and 2016-002 utilizing existing contract funds. All other terms, conditions, specifications and pricing remain the same. Per contractor, agency and DTMB Procurement agreement.				

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2015-009

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to remove the key position of training coordinator.

II-A PROBLEM STATEMENT

Since major releases are completed, the key position of training coordinator is no longer required.

II-B OBJECTIVES

Remove the training coordinator key position from the 071B1300157 contract.

II-C TASKS

Remove the key position of training coordinator from the contract. Any future releases requiring HPES to coordinate training efforts will be mutually agreed upon between HPES and DNR at the planning of the release.

III. Cost

N/A

IV. Impact on Contract

N/A

CHANGE AUTHORIZATION REQUEST**Contract No. 071B1300157****Change Authorization Request No. 2016-002****I. General**

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to modify E-License, POS, RSSWin, batch processing and databases for the following Change Requests:

- Release 16.1
 - CR88267 – Allow Agents the capability to order consumables
 - CR93200 – Move Secretary of State to FTS
 - CR93403 – Big Agent Detail Bulletin Reporting Automation (base)
 - CR93409 – Additional edits for Hunt Party on drawings
 - CR93517 – Test updated browsers on E-License

II-A PROBLEM STATEMENT

- CR88267 – Agents are required to phone the SoM DNR to order consumables
- CR93200 – SoM Secretary of State is requesting the SoS interfaces to move to FTS
- CR93403 – Big Agent Bulletin Reporting is a manual process
- CR93409 – Hunt parties are able to cross drawings when done at the same time
- CR93517 – Browser updates have occurred which may have impact on E-License

II-B OBJECTIVES

- CR88267 – Remove the phone calls to the agency with lag time to enter a work order
- CR93200 – Move Secretary of State to FTS
- CR93403 – Automate the process to summarize the Big Agent Report

RSS-II

- CR93409 – Confirm hunters are selecting a valid hunt party for the selected drawing
- CR93517 – Confirm E-License functionality on selected browsers

II-C TASKS

- CR88267 – Allow Agents the capability to order consumables
 - On the left navigation of the POS application, add functionality to allow the agents the ability to create a work order for consumables
 - Note: The DNR will review the work orders created by the Agents with the RSSWin application and submit the work orders to field services for fulfillment
 - Add one (1) additional data field to the RSSWin application:
 - Indicator to designate the Agent can order the part
 - Update the Supply List within RSSWin to include new data field to indicate a part can be ordered by the Agent
 - Remove the 'New' button from every row in the Supply List and replace with one 'New' button to create a new supply
 - Automate the population of the sales outlet name in the address tab of work orders within RSSWin
- CR93200 – Move Secretary of State to FTS
 - Add secure FTP job to send the SOS address request file through FTS
 - Update the process to receive the SOS file to handle the date stamp that will be added to the filename by FTS
 - Create a SOS history directory to separate the processed files. Once the file has been processed in the SOS directory, it will be moved to the history directory with the FTS date stamp
 - Modify the process that removes files older than 300 days to include the new SOS history directory
- CR93403 – Automate Big Agent Detail Bulletin Reporting
 - Add data fields to Big Agent to indicate terminal weekly or terminal daily summarization
 - Update the Big Agent EFT Bulletin weekly process to summarize the terminal activity by day or week for the weekly EFT. One delimited file per Big Agent will be created.
 - Enhance the Big Agent EFT Bulletin weekly process to create the delimited file for reporting (both terminal daily and terminal weekly)
 - Note: DNR will continue the following:
 - Load the delimited files into Excel

RSS-II

- Apply any formatting required
- For Daily extracts, add subtotals and totals as required
- Validate the totals with the Big Agent EFT Bulletin
- CR93409 – Additional edits for Hunt Party on drawings
 - Add an additional check during a sale, verifying the entered hunt party ID is valid for the selected item year and hunt type
 - Display an error message to the sportsman when the hunt party is not valid for the requested item
 - Update E-License text to the Hunt Party and Hunt Area questions page
- CR93517 – Test updated browsers on E-License
 - Test the E-License application on each platform for selected browsers. This includes mobile and desktop devices
 - Update the FAQ page in E-License with the current browsers supported

RSS-II

III. Cost

**This work will be invoiced on actual time and materials.
The effort is estimated at the following:**

Estimated Effort:

Release 16.1

CR88267
CR93200
CR93403
CR93409
CR93517
=====
Total: 1469 hours

Estimated Cost:

Release 16.1

CR88267
CR93200
CR93403
CR93409
CR93517
=====
Total: \$173,145

Invoice Dates: November 2015 – February 2016

Total cost for CAR 2016-002(estimated): \$ 173,145.00

IV. Impact on Contract

Increase: \$ 0

RSS-II

Form No. DTMB-3521 (Rev. 7/2015)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

**STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 525 W. ALLEGAN, LANSING, MI 48933**

**CHANGE NOTICE NO. 20
 to
 CONTRACT NO. 071B1300157
 between
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF CONTRACTOR	PRIMARY CONTACT	EMAIL
HP Enterprise Services, LLC 5400 Legacy Drive Plano TX, 75024	Debra Popa	debra.popa@hpe.com
	PHONE	CONTRACTOR'S TAX ID NO. (LAST FOUR DIGITS ONLY)
	517-290-0254	*****2737

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
PROGRAM MANAGER / CCI	DNR	Gruben, Denise	517-335-4036	Grubend@michigan.gov
CONTRACT ADMINISTRATOR	DTMB	Jarrod Barron	517-284-7045	Barronj1@michigan.gov

CONTRACT SUMMARY			
DESCRIPTION: Mdnr Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
June 1, 2010	May 31, 2015	5 - 1 Year	May 31, 2020
PAYMENT TERMS		DELIVERY TIMEFRAME	
N/A		N/A	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
N/A			

DESCRIPTION OF CHANGE NOTICE				
EXERCISE OPTION?	LENGTH OF OPTION	EXERCISE EXTENSION?	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		
CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE		
\$37,212,915.00	\$ 31,500.00	\$37,244,415.00		
DESCRIPTION: Effective November 16, 2015, this contract is amended to add \$31,500.00 for the attached Change Authorization Request 2016-001. All other terms, conditions, specifications and pricing remain the same. Per contractor, agency and DTMB Procurement agreement.				

CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2016-001

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to provide estimates to the Wildlife division for enhancements to the Survey process, replication of one (1) online survey, and support time for export of survey data into SPSS.

II-A PROBLEM STATEMENT

The wildlife division has requested estimates for the following:

- Create a data entry web application used by the Wildlife division to enter mailed survey responses
- Business process definition for sending mailed surveys
- Business process definition for receiving mailed surveys
- Address Maintenance outside RSS system for surveys

To complete the estimates, the HPES team will replicate a survey using the Feedback Server tool.

II-B OBJECTIVES

Provide the Wildlife division with one replicated online survey using Feedback Server and 2 estimates.

Estimate #1 will include a data entry web application and business process for mailing surveys.

Estimate #2 will include the maintenance of addresses outside RSS for surveys.

Provide support time for exporting a survey from Feedback Server into SPSS (analytics software used by Wildlife division for survey responses).

II-C TASKS

1. Create one online survey in Feedback Server that replicates the content from an existing DNR Fish and Wildlife survey
 - a. The online survey will replicate features of the mailed survey including questions and answers, skip logic, field validations, and matrix questions
 - b. Include placeholder fields for tracking mailing responses in the online survey (for example, mailing number, batch number, response number)
 - c. Test the online survey for content using anonymous responses. The testing of the online survey will not include distribution
 - d. Export the online survey from Quality Assurance Feedback Server and import into the Model Office environment for Formal Acceptance testing and DNR review
 - e. Conduct a review meeting between the DNR and HPES on the online survey
 - f. Assumptions:
 - i. Wildlife division will provide to HPES in PDF or MS Word, a copy of the survey to be recreated
 - ii. All online survey answers will be assigned a numeric value
 - iii. The online survey will not include additional features outside of what is currently available in the mailed survey (for example, geolocation)
 - iv. Data entry outside of Feedback Server is not included
2. Create Estimate #1 to include the following functionality:
 - a. Data entry web application including user security, all question types included in the online survey created in task 1 of this CAR, basic validations for minimum/maximum and skip logic, display of participant details, ability to check

RSS-II

on whether a participant has already responded and allow update of survey responses, ability to mark a returned survey as received, display of current response/batch number, input via barcode scanner, and automatic advancement between fields

- b. Business process to track questionnaires including where/how to include mailing-specific fields, how to manage participants in Feedback Server, and how to use the data entry application
3. Create Estimate #2 to include the following functionality:
 - a. The ability to track changes to mailing addresses outside the RSS system
 4. Support time will be estimated to help with questions to export data from Feedback Server into SPSS. Assumption: HPES will not purchase SPSS, but will answer questions while Wildlife division exports data and imports into SPSS.

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Online Survey replication:

Estimated Effort: 190
Estimated Cost: \$ 23,750

Estimate #1:

Estimated Effort: 28
Estimated Cost: \$ 3,500

Estimate #2:

Estimated Effort: 22
Estimated Cost: \$ 2,750

Support Time:

Estimated Effort: 12
Estimated Cost: \$ 1,500

Total CAR:

Estimated Effort: 252
Estimated Cost: \$ 31,500

Invoice Dates: November 2015 – January 2016

Total cost for CAR 2016-001 (estimated): \$ 31,500

IV. Impact on Contract

Increase: \$ 31,500

RSS-II

Form No. DTMB-3521 (Rev. 5/2015)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

**STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 525 W. ALLEGAN, LANSING, MI 48933**

**CHANGE NOTICE NO. 19
 to
 CONTRACT NO. 071B1300157
 between
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF CONTRACTOR	PRIMARY CONTACT	EMAIL
Hewlett Packard State & Local Enterprise Services, Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	Debra.popa@hp.com
	PHONE	VENDOR TAX ID # (LAST FOUR DIGITS ONLY)
	(517) 627-7691	-2737

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
PROGRAM MANAGER / CCI	DTMB	Denise Gruben	(517) 335-4036	grubend@michigan.gov
CONTRACT ADMINISTRATOR	DTMB	Jarrod Barron	(517) 284-7045	Barronj1@michigan.gov

CONTRACT SUMMARY			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
December 7, 2010	May 31, 2015	5, one year	May 31, 2020
PAYMENT TERMS	F.O.B.	SHIPPED TO	
N/A	N/A	N/A	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
N/A			

DESCRIPTION OF CHANGE NOTICE				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF EXTENSION/OPTION	EXPIRATION DATE AFTER CHANGE
<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>		
CURRENT VALUE		VALUE/COST OF CHANGE NOTICE	ESTIMATED REVISED AGGREGATE CONTRACT VALUE	
\$37,161,915.00		\$0.00	\$37,161,915.00	

DESCRIPTION:
 Effective August 25, 2015, this contract is amended to include the attached Change Authorization Requests (CAR): CAR 2015-006, 2015-007 and 2015-008. The parties add \$51,000.00 to the contract (\$37,000.00 for CAR 2015-006 and \$14,000.00 for CAR 2015-008) and utilize \$3,278.07 existing funds for CAR 2015-007. Please note the contract administrator has been changed to Jarrod Barron. All other terms, conditions, specifications and pricing remain the same. Per contractor and agency agreement, and DTMB Procurement

RSS-II
approval.

CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2015-006

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to add an additional form to the POS and E-License system as follows:

- CR92425
 - Create a new form (non-kill tag) sellable by POS and E-License users for use by the Shiawassee River State Game Area and Shiawassee National Wildlife Refuge area. Include the hunt description on the new form. No verbiage or notching is required.

II-A PROBLEM STATEMENT

- CR92425 –Drawings for the Shiawassee River State Game Area and Shiawassee National Wildlife Refuge are managed manually.

II-B OBJECTIVES

- Implement the following Change Requests:
 - CR92425 – Create a new form sellable on POS and E-License so that a drawing can be done within the RSS II system to support the Shiawassee River State Game Area and Shiawassee National Wildlife Refuge area.

II-C TASKS

- CR92425 – Create a new form (non-kill tag) to support the Shiawassee River State Game Area and Shiawassee National Wildlife Refuge
 - Create one new form for POS
 - Create one new form for E-License that is designated as 'print at home'

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Estimated Effort: 296
Estimated Cost: \$ 37,000
Invoice Dates: April 2015 – August 2015

Total cost for CAR 2015-006 (estimated): \$ 37,000

RSS-II

IV. Impact on Contract

Increase: \$ 37,000

CHANGE AUTHORIZATION REQUEST**Contract No. 071B1300157****Change Authorization Request No. 2015-007****I. General**

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), A Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to purchase nine (9) ASP.NET Developer Express, Inc. annual software maintenance subscriptions. This annual renewal subscriptions will be licensed to HPES and used for development and support of RSS-II E-License. The licenses will not be transferrable to the State of Michigan. If the State transfers the responsibility of application development or support in-house or to another contractor, the new support will be responsible for purchasing the required subscriptions. Software maintenance for the 9 subscriptions will be valid for 1 year.

HPES will invoice the State for the 9 renewals through the existing invoicing process.

II-A PROBLEM STATEMENT

The purpose of this agreement is to enable HPES to have support for the 9 existing ASP.NET Developer Express, Inc. subscriptions.

II-B OBJECTIVES

Purchase annual maintenance for 9 existing ASP.NET Developer Express, Inc. subscriptions.

II-C TASKS

Purchase annual maintenance for 9 existing ASP.NET Developer Express, Inc. subscriptions.

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Product:	Annual Renewal ASP.NET Developer Express, Inc. subscriptions
Quantity:	9
Total Cost:	\$3,278.07
Invoice Dates:	August 2015

IV. Impact on Contract

Increase: \$ 0

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2015-008

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to provide consulting to the Wildlife division to aid the further definition of business processes for surveys utilizing Feedback Server.

II-A PROBLEM STATEMENT

Additional support is requested to further define business processes utilizing the Feedback Server software for surveys.

II-B OBJECTIVES

The Wildlife division has requested assistance to develop a strategy to incorporate mailed surveys into the Feedback Server application.

II-C TASKS

HPES will work with the Wildlife division to develop a strategy to incorporate mailed surveys into the Feedback Server application.

The process will address the following:

- Track surveys that are sent via mail and returned
- Define data entry for the surveys returned via mail

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Estimated Effort: 112
Estimated Cost: \$ 14,000
Invoice Dates: July 2015 – September 2015

Total cost for CAR 2015-008 (estimated): \$ 14,000

IV. Impact on Contract

Increase: \$ 14,000

RSS-II

Form No. DTMB-3521 (Rev. 5/2015)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

**STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 525 W. ALLEGAN, LANSING, MI 48933**

**CHANGE NOTICE NO. 18
 to
 CONTRACT NO. 071B1300157
 between
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF CONTRACTOR	PRIMARY CONTACT	EMAIL
Hewlett Packard State & Local Enterprise Services, Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	Debra.popa@hp.com
	PHONE	VENDOR TAX ID # (LAST FOUR DIGITS ONLY)
	(517) 627-7691	-2737

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
PROGRAM MANAGER / CCI	DTMB	Denise Gruben	(517) 335-4036	grubend@michigan.gov
CONTRACT ADMINISTRATOR	DTMB	Whitnie Zuker	(517) 284-7030	Zukerw@michigan.gov

CONTRACT SUMMARY			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
December 7, 2010	May 31, 2015	5, one year	May 31, 2020
PAYMENT TERMS	F.O.B.	SHIPPED TO	
N/A	N/A	N/A	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
N/A			

DESCRIPTION OF CHANGE NOTICE				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF EXTENSION/OPTION	EXPIRATION DATE AFTER CHANGE
<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>		
CURRENT VALUE		VALUE/COST OF CHANGE NOTICE	ESTIMATED REVISED AGGREGATE CONTRACT VALUE	
\$37,161,915.00		\$0.00	\$37,161,915.00	

DESCRIPTION:
 Effective February 2015, this contract is amended to include the attached Change Authorization Request (CAR): CAR 2015-005. All other terms, conditions, specifications and pricing remain the same. Per contractor and agency agreement, and DTMB Procurement approval.

CHANGE AUTHORIZATION REQUEST**Contract No. 071B1300157****Change Authorization Request No. 2015-005****I. General**

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to modify E-License, POS and batch processing for the following Change Requests.

- Release 15.1.3
 - CR91818 – Add UM Tags to E-License
- Release 15.3
 - CR91619 – Prevent POS agents from voiding a prerequisite of a non-voided item
 - CR91534 – Remove void items from E-License Reprint
 - CR90796 - Allow voiding of Federal Duck Stamp

II-A PROBLEM STATEMENT

- CR91818 – Additional data is required to aid marketing campaigns
- CR91619 – Orphan records are being created by allowing the void of a prerequisite item
- CR91534 – Voided items in E-License are re-printable
- CR90796 – Federal Duck Stamps are not voidable in RSS-II

II-B OBJECTIVES

- Implement the following Change Requests:
 - CR91818 – Add UM Tags to E-License
 - CR91619 – Prevent POS agents from voiding a prerequisite of a non-voided item
 - CR91534 – Remove void items from E-License Reprint
 - CR90796 - Allow voiding of Federal Duck Stamp

II-C TASKS

- CR91818 – Add UM tags to E-License

RSS-II

- Add UM tags to the following E-License pages:
 - Welcome
 - Customer Identification
 - Catalog
 - Checkout
 - Order Complete
- CR91619 – Modify the POS application as follows to prevent POS agents from voiding a prerequisite of a non-voided item:
 - Update the void checkout process to include a validation of items being voided. If the item is a prerequisite of a non-voided item, alert the agent that the void cannot occur. For example, a customer has purchased a base license and a deer license. If the POS agent attempts the void of the base license without voiding the deer license, alert the agent that the void cannot be completed
 - Note: The validation will check both the void cart and the licenses already issued
 - Note: The RSSWin void page will not validate a prerequisite relationship. The DNR staff will be able to void a prerequisite item of a non-voided item
- CR91534 – Remove void items from E-License Reprint
 - Update the E-License Reprint Transaction List to remove a transaction if all items within the transaction are voided
 - Update the E-License Reprint processing to exclude voided items from a reprint request
- CR90796 – Allow voiding of Federal Duck Stamp
 - Update the offline processing to accept an input parameter to designate the number of prior days to process Federal Duck Stamp items
 - Update the offline processing to remove voided items when creating records to send to Amplex
 - Note: No change is required to RSSWin void page
 - Note: The input parameter to designate the number of prior days to process a Federal Duck Stamp must allow enough time for the customers to receive the Federal Duck Stamp via mail through Amplex. No system edits will be done.

RSS-II

III. Cost

**This work will be invoiced on actual time and materials.
The effort is estimated at the following:**

Estimated Effort:

Release 15.1.3

CR91818: 174 hours

=====
Subtotal: 174 hours

Release 15.3

CR91619: 411 hours

CR91534: 273 hours

CR90796: 126 hours

=====
Subtotal: 810 hours

=====
Total: 984 hours

Estimated Cost:

Release 15.1.3

CR91818: \$21,750

=====
Subtotal: \$21,750

Release 15.3

CR91619: \$51,375

CR91534: \$34,125

CR90796: \$15,750

=====
Subtotal: \$101,250

=====
Total: \$123,000

Invoice Dates: March 2015 – September 2015

Note: CR91818 occurred charges and invoiced per email approval February 2015

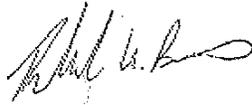
Total cost for CAR 2015-005(estimated): \$ 123,000

IV. Impact on Contract

Increase: \$ 0

V. Signatures

HP Enterprise Services, LLC. ("HPES")

By: 
Richard W. Barnes

Title: Account Executive, State & Local Government

Date: March 18, 2015

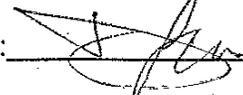
Project Manager
DTMB Contract Administrator

By: Anila Francis

Title: Project Manager

Date: Mar 19th, 2015

DNR, Program Manager

By: 

Title: MANAGER LTR

Date: 3-19-15

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

RSS-II

Form No. DTMB-3521 (Rev. 4/2012)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 17
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Whitnie Zuker	(517) 284-7030	zukerw@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2020
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>		May 31, 2020
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$0.00		\$37,161,915.00		

Effective January 2015, this contract is amended to include the following change:
 The attached Change Authorization Request (CAR): CAR 2015-003

All other terms, conditions, specifications and pricing remain the same. Per contractor and agency agreement, and DTMB Procurement approval.

--

CHANGE AUTHORIZATION REQUEST**Contract No. 071B1300157****Change Authorization Request No. 2015-003****I. General**

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), a Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to modify the RSSWin application to include miscellaneous business vendor functionality.

II-A PROBLEM STATEMENT

The current process of issuing items by the State of Michigan DNR staff to miscellaneous business vendors is done through a PowerBuilder application that is end of life.

II-B OBJECTIVES

- Add miscellaneous business vendor data to the existing RSSWin application
- Add functionality to sell and fulfill items to a miscellaneous business vendor

II-C TASKS

- Add database(s) to support miscellaneous business vendor information, miscellaneous business vendor items, and miscellaneous business vendor items issued
- Convert miscellaneous business vendor data including vendor information, item information and items issued to vendors from data provided by the DNR to RSS
- Add functionality to add and maintain miscellaneous business vendor information in the RSSWin application including address information (street and mail)
- Add functionality to associate items to miscellaneous business vendor information within the RSSWin application
- Add help for the 2 new RSSWin pages without demonstration videos
- Create a process to issue renewal applications to miscellaneous business vendors and mark the miscellaneous business vendor renewal item as sent
- Modify Microsoft 2010 Word templates to facilitate the issuance of the following miscellaneous business vendor items from RSS:

RSS-II

- Fur Dealer License
- Commercial Minnow and Wiggler Export Permit
- Resident Wholesale Commercial Minnow, Wiggler, and Crayfish License
- Non Resident Wholesale Minnow License
- Retail Commercial Minnow, Wiggler, and Crayfish License
- Commercial Minnow Catcher's License
- Sport Trolling License
- Wholesale Fish Dealer License
- Taxidermy Permit
- Application (for renewal process)
- Coordinate one, two hour training session with DNR
- Note: Miscellaneous business vendor item definitions are maintained by DNR outside of the RSSWin application
- Note: Existing training documentation will not be updated to reflect miscellaneous business vendor functionality
- Assumption: The miscellaneous business vendor information is not included in the existing customer merge process (automated and manual)
- Assumption: The miscellaneous business vendor financial data will not be processed within RSS
- Assumption: The miscellaneous business vendor data will not be sent to State of Michigan Secretary of State for address verification

III. Cost

**This work will be invoiced on actual time and materials.
The effort is estimated at the following:**

Estimated Effort: 1874
Estimated Cost: \$200,741.00
Invoice Dates: January 2015 – May 2015

Total cost for CAR 2015-003(estimated): \$ 200,741.00

IV. Impact on Contract

Increase: \$ 0

RSS-II

V. Signatures

HP Enterprise Services, LLC. ("HPES")

By: 

Robert Bartholomew

Title: East District Director, State & Local Government

Date: December 19, 2014

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

RSS-II

Form No. DTMB-3521 (Rev. 4/2012)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

**STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933**

CHANGE NOTICE NO. 16
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Whitnie Zuker	(517) 284-7030	zukerw@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2020
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>		May 31, 2020
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$186,047.00		\$37,161,915.00		

Effective November 25, 2014, this contract is increased by \$186,047.00 and is amended to include the following change:

The attached Change Authorization Request (CAR): CAR 2015-002.

All other terms, conditions, specifications and pricing remain unchanged. Per contractor and agency agreement,

RSS-II

DTMB Procurement approval and the approval of the State Administrative Board on November 25, 2014.

RSS-II

CHANGE AUTHORIZATION REQUEST**Contract No. 071B1300157****Change Authorization Request No. 2015-002****I. General**

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), A Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to modify the hosting environment to include a new web server for the production, model office, and quality assurance environments and install and test survey software into the State of Michigan Department of Natural Resources compartment in the Orlando Data Center.

II-A PROBLEM STATEMENT

The current Survey functionality utilized by the State of Michigan DNR Wildlife team is written in PowerBuilder which is end of life software and no longer in the DTMB's technology direction.

II-B OBJECTIVES

- Procure and install a new webserver in the production, model office and quality assurance environments to support survey activity
- Install and test Feedback Server Pro software

II-C TASKS

- Add one (1) virtual web server running windows 2012 to the State of Michigan production compartment in Orlando Data Center. The production web server will be 4vCPU/8GB and 100GB SAN. The server will be accessible from the Internet and will communicate with the production Inquiry server. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS. The production web server will have file system backups 60 days: 30 days onsite virtual tape library storage and concurrent 60 day offsite vaulting.

- Add one (1) virtual web server running windows 2012 to the model office compartment in the Orlando Data Center. The model office server will be 4vCPU/8GB and 100GB SAN. The server will be accessible from the Internet and will communicate with the database server. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS. The model office web server will have file system backups 60 days: 30 days onsite virtual tape library storage and concurrent 60 day offsite vaulting.
- Add one (1) virtual web server running windows 2012 to the quality assurance environment in the HP Enterprise Services Labs.
- Add additional HP Site Scope licenses (HP owned, nontransferable to the State of Michigan) to the production and model office web server to support monitoring.
- Install Feedback Server Pro on production Inquiry Database server, model office database server, and quality assurance database server.
- The Contractor RSS Support team will order digital certificates and install and configure certificates to enable SSL communication.
- Create documentation to be used as an example for creation of SQL answer types within the Feedback Server Pro software.
- Create and deliver training on the Feedback Server Pro software. This will include training material and one (1) two (2) hour class.
- Store legacy survey database on to the existing DNR Inquiry server for future reference. The data will not be imported into the Feedback Server Pro software, but will be kept separate to aid in one location for all survey information.
- Note: Disaster Recovery is out of scope for survey functionality
- Note: Procurement of Feedback Server Pro software is outside the scope of this CAR. The procurement will be done through the MMCC contract.
- Note: No service level agreements will be created for the survey functionality
- Note: The production, model office and quality assurance web servers are not high availability
- Assumption: This project will be delivered with Release 15.1. In the instance that assumption is not met, the project will need to be re-estimated and re-planned.

III. Cost

Reserved Pool of Enhancement Time and Materials:

One-Time Addition to hosting set-up for new servers:

Installation and Setup Services and Hardware

Monthly Fee: \$1,793.00 (Total Fee: \$8,965.00)

Invoice Date October 2014 – February 2015

Ongoing Monthly Hardware, OS, Services and Maintenance for new servers:

Monthly Fee \$ 1,372.00 (Total Fee: \$86,436.00)

Invoice Date March 2015 – May 2020

Application Development for survey project:

Estimated Effort: 702 hours

Estimated Cost: \$ 90,646.00

Invoice Dates: October 2014 – February 2015

Total cost for CAR 2015-002(estimated): \$ 186,047.00

IV. Impact on Contract

Increase: \$ 186,047.00

V. Signatures

HP Enterprise Services, LLC. ("HPES")

By: 
Robert Bartholomew

Title: East District Director, State & Local Government

Date: September 29, 2014

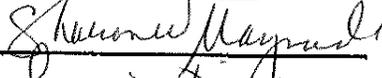
DTMB Contract Administrator

By: 
Title: DTMB PROJECT MANAGER
Date: 10-6-14

DNR, Program Manager

By: 
Title: MANAGER, LTR, DNR
Date: 10-3-14

DTMB Purchasing Operations

By: 
Title: Janeen Duda
Date: 10/31/14

RSS-II

Form No. DTMB-3521 (Rev. 4/2012)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 15
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Whitnie Zuker	(517) 284-7030	zukerw@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2020
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>		May 31, 2020
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$0.00		\$36,975,868.00		

Effective October 27, 2014, this contract is amended to include the following change:

The attached Change Authorization Request (CAR): CAR 2015-001.

All other terms, conditions, specifications and pricing remain unchanged. Per contractor and agency agreement and DTMB Procurement approval.

RSS-II

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2015-001

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), A Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to modify the E-License, RSSWin and applicable batch processes for the following Change Requests:

- CR87177 – Automate Terminal Fee assignment, Review/Update Sales Outlet Terminal Fee Classification and Send Bulletins regarding Terminal Fees
- CR90321 – HIP updates for optional fields (2)
- CR89352 – Scrolling Marquee on E-License

II-A PROBLEM STATEMENT

- Manual intervention is required each year to adjust what the terminal fees are for each sales outlet based on a comparison between previous sales and established DNR average sale
- Federal HIP requirements have changed to include 2 new optional fields on the file uploaded and has requested a more frequent upload of the file
- Manual intervention is required by the DNR when communication is needed for customers who purchase via the E-License application

II-B OBJECTIVES

- Automate the assignment of weekly terminal fees for all sales outlets in use according to the sales outlet terminal fee classification obtained from comparing the previous yearly sales to the established DNR sales average
- Communicate the terminal fees for an upcoming year to terminals based on terminal fee classification
- Allow the DNR to override the sales outlet terminal fee classification for a particular sales outlet for the current or previous item year
- Comply with Federal HIP file changes to include 2 new optional fields and schedule changes
- Automate communication to E-License users through the Welcome page

II-C TASKS

- Add a field to contain the DNR sales average (currently 35,434.20)
- Create a new process to determine the sales outlet terminal fee classification based on the DNR sales average and the yearly sales for the previous license year (current license year through end of January)
- Modify the terminal fee process to determine the terminal fees based on the sales outlet terminal fee classification
- Create SQL that will enable the DNR to extract yearly averages for a given sales outlet and date range

RSS-II

- Create a new RSSWin page to allow the DNR to override the sales outlet terminal fee classification for a sales outlet. The page will include help text but no demonstration videos
- Create a new process to automatically generate a bulletin which will communicate the terminal fee amount that will be assessed by week per terminal to POS agents (Note: the terminal fee is assessed per terminal but the classification is determined by sales outlet)
- Modify the HIP file to add in positions 164-167 the license year (current license year input to the stored procedure)
- Modify the HIP file to add in positions 168-202 the customer's e-mail (Assumption: If email is > 35 characters, do not send the email)
- Modify the schedule of the HIP extract job to be every other Tuesday August through February (starting second Tuesday in August)
- Add to the process log the number of records output on the HIP file
- Modify the E-License Welcome page to include a scrolling marquee. The scroll will be from right to left and will be located at the bottom of the page. The DNR will be able to update the message without HPs assistance. Folder access will be restricted to those designated by the DNR for updating the marquee file

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Estimated Effort: 1213.5
Estimated Cost: \$122,975.20
Invoice Dates: October 2014 – February 2015

Total cost for CAR 2015-001(estimated): \$ 122,975.20

IV. Impact on Contract

Increase: \$ 0

Invoiced through Time and Material as designated in the contract

V. Signatures

HP Enterprise Services, LLC. ("HPES")

By:



Robert Bartholomew

Title: East District Director

Date: September 17, 2014

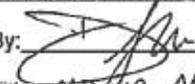
DTMB Contract Administrator

By: 

Title: DTMB Project Manager

Date: 9/23/14

DNR, Program Manager

By: 

Title: MDNR Mgr. Licensing & Reservations

Date: 9-23-14

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

RSS-II

Form No. DTMB-3521 (Rev. 4/2012)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

**STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933**

**CHANGE NOTICE NO. 14
 to
 CONTRACT NO. 071B1300157
 between
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Whitnie Zuker	(517) 284-7030	zukerw@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2020
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>		May 31, 2020
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$149,875.00		\$36,975,868.00		

Effective 9/30/2014 this contract is amended to include the following change:

The attached Change Authorization Requests (CAR): CAR2014-004.

This Change Notice is Per Administrative Board Approval on September 30, 2014.

RSS-II

All other terms, conditions, specifications and pricing remain unchanged. Per vendor and agency agreement and DTMB Procurement approval.

CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2014-004

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to modify the RSSWin processes and database changes for the following Change Requests:

- CR88841 – Transfer of Drawing Success

III-A PROBLEM STATEMENT

- When a transfer of drawing success is needed, the transfer occurs outside of the system using written SQL by the DNR Wildlife Division.

III-B OBJECTIVES

- Automate the transfer of drawing success from one donor to one recipient

III-C TASKS

- Modify the Customer Special Item Application Maintenance page within the RSSWin system to enable a transfer when the customer is successful in a drawing
- Modify the RSSWin system to add a new page to allow the transfer of a successful drawing to another person, including
 - Allow the staff to enter the transfer application item type
 - Add functionality to communicate the donor's fulfillment status and transfer status
 - Allow the staff to input recipient information
 - Add the flexibility to also allow the donor to fulfill from the success in drawing
 - Add ability to restore the donor's eligibility for future drawings
 - Add ability to delete the recipient's points if applicable
 - Add ability to make the recipient ineligible in future drawings
 - Add ability to terminate the transfer
 - Add ability to process the transfer of success

RSS-II

- Add ability to automatically create a customer diary entry for the recipient and donor
- Add the ability to create an audit record of the transfer

- Assumptions:

- Pure Michigan transfers all use the same transfer application item type, and the hunt being transferred is kept outside of RSS
- DNR will do all verification of transfer rules outside of RSS and before running the transfer process
- For any partial transfers of Pure Michigan success the DNR staff issues the tags and the system will not keep track of which individual, among the two or more with success, is eligible to purchase which specific hunt item
- Help videos and help text will not be done for the transfer functionality
- Training documentation will not be done for the transfer functionality

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Estimated Effort:	1199 hours
Estimated Cost:	\$149,875.00
Invoice Dates:	May 2014 – September 2014
Total cost for CAR 2014-004 (estimated):	\$ 149,875.00

IV. Impact on Contract

Increase: \$ 149,875.00

RSS-II

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").

By:

Title: Senior Director, State & Local Government

Date: May 7, 2014

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

RSS-II

Form No. DTMB-3521 (Rev. 4/2012)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

**STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933**

CHANGE NOTICE NO. 13
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Whitnie Zuker	(517) 284-7030	zukerw@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2015
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5 Years	May 31, 2020
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$16,126,203.00		\$36,825,993.00		

Effective 9/11/2014 this contract is amended to include the following change:
 The attached Change Authorization Requests (CAR): CAR2014-003, CAR2014-006, and CAR2014-007 (see attached for more details.)

Per CAR 2014-006 the Contract will be extended to May 31, 2020.

This Change Notice is Per Administrative Board Approval on September 11, 2014.

RSS-II

All other terms, conditions, specifications and pricing remain unchanged. Per vendor and agency agreement and DTMB Procurement approval.

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2014-003

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to modify the E-License, RSSWin, POS, and applicable batch processes for the following Change Requests:

- CR89038 – Add information in the body of the E-License email and order complete page to let customers know that the receipt and licenses are both included in the PDF. Reduce the byte size of the PDF created and mailed to the customers from E-License. Update the Model Office subject line so that any undeliverable emails generated from Model Office is prefixed with MO
- CR88420 – Void all items included in a combination item void
- CR88255 – Add agent name/address at the end of the 1099 report page and correct spelling
- CR87176 – Add lifetime-only parameter for fulfillment
- CR87175 – Add functionality to address Standing Vehicle Permit (SVP) and Medical Crossbow Permit (MCP)
- CR87172 – Do not allow failed transaction to be reprinted in E-License

III-A PROBLEM STATEMENT

- E-License customers are deleting the email PDF which contains both receipt and licenses
- When the DNR receives rejected emails from E-License, the staff cannot distinguish if the email was from the Model Office region or Production
- Some POS agents are not voiding the parent/child items together leaving an invalid purchase in RSS
- The current 1099 report is not showing the agent name/address in the envelope being used to mail the report to agents
- The current fulfillment process for lifetime will also print E-License fulfillments causing non-lifetime customer to receive erroneous correspondence
- The current RSS system does not allow the purchase of a Standing Vehicle Permit and a Medical Crossbow Permit
- The current E-License system allows failed transaction to be available for reprint causing a system error

III-B OBJECTIVES

- Enhance the E-License system to clearly identify that the PDF created and the PDF mailed contains both the receipt and licenses
- Enhance the E-License system to update the subject line to include MO if the rejected email is generated from Model Office
- Enhance the POS system to force voiding all items involved in a parent/child relationship

RSS-II

- Enhance the RSSWin 1099 report to show the agent name/address in the DNR chosen mailing envelope
- Enhance the batch process for E-License fulfillments to include lifetime only fulfillments for a designated run
- Enhance the RSS system to allow the purchase of a Standing Vehicle Permit and Medical Crossbow Permit
- Enhance the E-License system to avoid failed transactions from appearing for reprint

III-C TASKS

- Modify the E-License body of the email to state that the PDF(s) contain receipts and licenses
- Modify the E-License Order Complete page to include verbiage that the PDF(s) contain receipts and licenses
- Modify the E-License system so that the number of items in a PDF is at maximum 4 (from 6)
- Modify the E-License system to reduce the image size
- Modify the E-License system to include Model Office in the subject of a rejected email address
- Modify the POS system to allow the void of the parent item only, when the item is in a parent/child relationship. The child items will be voided automatically
- Modify the RSSWin 1099 report to print a page at the end of the report that includes the agent name and address which will align to the current DNR envelope
- Modify the RSSWin 1099 report to correct spelling of dividends
- Modify the RSSWin 1099 report to make the dotted line between \$ signs on boxes 16, 17, 18 visible
- Modify the lifetime process to create the order control records with a new status of L for lifetime
- Modify the Create Order Fulfillment batch process to accept an optional parameter to designate the run as being lifetime only
- Add to adTempus scheduling system an on-demand schedule for lifetime
- Modify the Production Support Manual with a procedure to run the lifetime fulfillment
- Add forms to support the sale of a Standing Vehicle Permit and Medical Crossbow Permit on the POS system
- Modify RSSWin to support the sale of a Standing Vehicle Permit and Medical Crossbow Permit by enhancing the customer record
- Modify the RSS Sales channel to support the sale of a Standing Vehicle Permit and Medical Crossbow Permit by updating the customer record indicating a customer has purchased an SVP and/or MCP
- Modify the archive process to exclude the Standing Vehicle Permit and Medical Crossbow Permit from archive
- By May 19th, the DNR will provide the Standing Vehicle Permit records and layout definition and the Medical Crossbow Permit records and layout definition
- Between Formal Acceptance testing and prior to implementation, the DNR will provide the final Standing Vehicle Permit records and the final Medical Crossbow Permit records which will then be used to load the production tables

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Estimated Effort:	1345 hours
Estimated Cost:	\$141,723.00
Invoice Dates:	May 2014 – August 2014

Total cost for CAR 2014-003 (estimated): \$ 141,723.00

IV. Impact on Contract

Increase: \$ 0

RSS-II

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

RSS-II

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").



By: Robert Bartholomew

Title: Senior Director, State & Local Government

Date: May 2, 2014

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

CHANGE AUTHORIZATION REQUEST**Contract No. 071B1300157****Change Authorization Request No. 2014-006****I. GENERAL**

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), A Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. DESCRIPTION OF CHANGE

This Change Authorization Request 2014-006 will extend the current contract 071B1300157 from June 1, 2015, to May 31, 2020.

It also provides authorization for HPES to change the Hosting environment from the HP Automated Operations (AOps) service offering to the HP Helion Managed Virtual Private Cloud for U.S. Public Sector (USPS VPC) and HP Helion continuity services. The change in Hosting environment includes the upgrade of Microsoft Windows to Windows 2012 and Microsoft SQL server to Version 2012.

II-A PROBLEM STATEMENT

Contract 071B1300157 is due to expire May 31, 2015. The State of Michigan Department of Natural Resources (MDNR) has requested a 5-year extension.

II-B OBJECTIVES

Extend contract 071B1300157 from May 31, 2015, to May 31, 2020.

II-C TASKS

The Hosting Refresh project will move the RSS-II system from hosting in the HP Automated Operations Data Centers to the HP Helion Managed Virtual Private Cloud for U.S. Public Sector.

The project includes the following:

Server operating system (OS) upgrade to Microsoft Windows 2012 that enables Microsoft life cycle support until January 2023

SQL upgrade to SQL 2012 that enables Microsoft life cycle support until July 2022

Updates to the system documentation related to the change in the Hosting environment

Production compartment using virtual and physical servers in the HP Orlando Data Center (ODC)

Disaster Recovery (DR) warm site compartment using virtual servers in the HP Colorado Springs Data Center (CoSprings)

Model Office (MO) compartment using virtual servers in the HP Orlando Data Center

Quality assurance (QA) servers using virtual servers in the HP Enterprise Services Labs

Development servers using virtual servers in the HP Enterprise Services Labs

Communications between the compartments and the State of Michigan via an IPSEC Virtual Private Network (VPN) tunnel for ad hoc queries and state interfaces

Project Approach**Update RSS-II application to run on Microsoft Windows 2012 and Microsoft SQL 2012**

The Contractor will modify RSS-II applications and documentation to accommodate the move to the USPS VPC and the change in operating system and SQL server software.

RSS-II

Build and test development servers in ES-Labs

The Development region will be built first. This provides the Development environment for any necessary changes to the code to take place due to the upgrade to Windows 2012 and SQL 2012. Server build procedures will be updated.

Build and test production hosting environment

The Contractor will provision the Production compartment in the USPS VPC and requisition the Production virtual and physical servers. The Production servers will be located in the HP Orlando Data Center. The servers will run the Windows Server 2012 operating system. In addition, the servers will be configured, and all software to support RSS-II will be installed. The database servers will be clustered and set up to use SQL 2012 Enterprise in active/passive mode on the two physical database servers.

After the servers are built, the environment will be used to execute system testing, regression testing, and integration testing to make certain that the application functions as expected. The contractor will execute performance and stress testing to make sure that the Production environment can support the response time Service Level Agreement (SLA). Finally, the Contractor will turn over the Production environment to DNR to perform Formal Acceptance Testing (FAT). This will validate that all parts of RSS-II are set up correctly on the new servers and that all parts will run on the new OS. The Contractor will work with interface groups to include them in the FAT. The contractor will create documentation to aid in directing the Point of Sale (POS) Agents on how to update their firewall rules in preparation for the migration.

Build and test model office hosting environment

The Contractor will provision the Model Office compartment in the USPS VPC and requisition the Model Office virtual servers. The Model Office servers will be located in the HP Orlando Data Center. The servers will run the Windows Server 2012 operating system. The servers will be configured, and all software to support RSS-II will be installed. The database server will be set up to use the SQL 2012 Enterprise.

After the servers are built, the environment will be used to execute system testing, to make certain that the application functions as expected. The Contractor will turn over the Model Office environment to DNR to perform FAT. This will validate that all parts of RSS-II are set up correctly on the new servers and that all parts will run on the new OS.

Build and test disaster recovery hosting environment

The Contractor will provision the continuity services compartment and will requisition the Disaster Recovery virtual servers. The Disaster Recovery virtual servers will be physically separate from the Production servers and located in the HP Colorado Springs Data Center. The servers will run the Windows Server 2012 operating system.

After the servers are built, the warm recovery process will keep the data current with production according to the Disaster Recovery service standards. The environment will undergo a DR test drill during the production system test period to test that the environment can function as a production site should a disaster necessitate executing the Disaster Recovery Plan. While DNR is Formal Acceptance Testing the Production environment a DR test will be executed to test that the environment can function as a production site.

Build and test quality assurance servers in ES-Labs

Finally, the Contractor will build and test the quality assurance region in HP ES-Labs.

VPN

The Contractor will procure and provide two VPN routers, a console and a Plain Old Telephone Service (POTS) line for the State of Michigan to install in the State's network. The IPSEC VPN tunnels will connect to each of the USPS VPC compartments. After the IPSEC VPN tunnels are installed, they will be system and integration tested, and then they will be tested by DNR during FAT. Further information about the network connectivity can be found in Section 1.104.1.C Technology Approach.

RSS-II

Migrate data and implement

When all tests are complete and signed off, the Implementation Plan will be executed to move the production data over to the new Production servers. The Implementation Plan will be a multiday migration and restoration of data on the new Production compartment. The migration and implementation will require a system downtime period, where sales and access to the RSS-II data will be unavailable. The hosting migration will be implemented in February 2015 in preparation for the 2015 license year.

The Model Office region is considered live after the implementation approval. There is no need for a data refresh.

The Disaster Recovery region virtual servers are spun down until they are needed. The production data is replicated to the warm site.

Once the Production environment has been live for a month, the Contractor will decommission the legacy AOps-hosted Production and Model Office environments, including the T1 circuit. In addition, the Contractor will decommission the legacy development and quality assurance regions in HP ES-Labs.

The key milestone dates of the project are as follows:

ID	Task Name	Start	Finish	2014				2015			
				Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
1	Phase 1 Project Planning	9/2/2014	10/3/2014								
2	Project Kick-Off	9/16/2014	9/16/2014	◆							
3	Phase 1 Planning Deliverables	9/22/2014	9/22/2014	◆							
4	Phase 2 Requirements Verification & Validation	9/2/2014	10/16/2014								
5	Phase 2 Requirements Deliverables	9/26/2014	9/26/2014	◆							
6	Phase 3 Design	9/2/2014	11/25/2014								
7	Phase 3 Design Deliverables	11/3/2014	11/3/2014	◆							
8	Phase 4 Development	9/2/2014	2/3/2015								
9	Phase 4 Development Deliverables	11/3/2014	11/3/2014	◆							
10	Phase 5 Testing	7/16/2014	2/19/2015								
11	System Testing	7/16/2014	2/2/2015								
12	Stress Testing	7/16/2014	12/17/2014								
13	Formal Acceptance Testing	1/12/2015	2/13/2015								
14	Phase 5 Testing Deliverables, FAT Complete and Implementation Approval	2/18/2015	2/18/2015	◆							
15	Phase 6 Implementation	10/7/2014	3/5/2015								
16	DNR Set up 2015 items	2/18/2015	2/20/2015								
17	Implementation Complete; System LIVE	2/26/2015	2/26/2015	◆							
18	Phase 7 Documentation Training & Transition	9/9/2014	4/30/2015								
19	Phase 7 Deliverables	3/5/2015	3/5/2015	◆							
20	Phase 7 Closedown Deliverables	4/30/2015	4/30/2015	◆							

The following sections are the updates to the contract for the 5-year extension, including a hosting refresh:

RSS-II

1. Section 1.001 Project Request
 - a. Third paragraph, delete this paragraph in its entirety and replace with:

This contract has a term of five (5) years, with a five (5)-year extension to provide continued maintenance and implementation of enhancements of the product (as identified and authorized by the DNR) while in use by the State of Michigan.
 - b. Last paragraph, delete this paragraph in its entirety and replace with:

The Windows embedded POSReady2009 operating system will reach its end of life support from Microsoft on April 19, 2019. This is the operating system used on the rp3000 and rp5800 POS. This CAR does not include the equipment price, software price or the application enhancement project price to complete a POS refresh. The Contractor will work with the DNR to make certain that the POS refresh occurs before the operating system end of life. A separate CAR will be written to encompass the project.
2. Section 1.104.1 Solution Approach
 - a. Second paragraph, delete this paragraph in its entirety and replace with:

The Hosting environment will be upgraded to Windows 2008 R2 and SQL 2008 R2 in Release 3. The Hosting environment will be upgraded to Windows 2012 and SQL 2012 in Release 15.1.
 - b. Technology Approach – Database Layer, delete this paragraph in its entirety and replace with:

Database Layer – SQL Server 2008 is the version of Microsoft’s relational database server and will be used for RSS-II (Release 3). SOM has requested database encryption through Release 3 Change Control #7. SQL2008 will be used to encrypt the database. SQL Server 2012 is Microsoft’s relational database server that will be used for RSS-II in Release 15.1.
 - c. Technology Approach, add a new section RSS-II Extension Hosting Technical Solution
RSS-II Extension Hosting Technical Solution – The RSS-II solution will be hosted on dedicated hardware and will implement a redundant, high-availability design for Production. The Contractor will host the DNR’s Production, Model Office, and Disaster Recovery environments in the Contractor’s HP Helion Managed Virtual Private Cloud for U.S. Public Sector centers of Orlando and HP Colorado Springs. Please see the Hardware, Software and Communications Requirements section for further detail of specific hardware, software, and communications provided in DNR’s RSS-II hosted solution.

The SOM’s credit card authorization provider (FDGS) will continue to provide the Payment Card Industry (PCI)-compliant Consumer Payment service. RSS-II will transfer users to Consumer Payment—and, therefore, a customer’s credit card number will never be exposed to the RSS-II system. RSS-II will not employ any additional security services that are required to meet PCI-compliance requirements.

DNR Production Servers

The Contractor will build 15 servers in the HP Orlando Data Center for hosting the RSS-II Production environment.

Web Servers – Four virtual web servers will host the E-License-II, POS-II, RSSWin-II, new Customer Profile (Release 4+), new MBV (Release 4+), and new CO functionality (Release 4+). The servers will be load-balanced and will have a Secure Sockets Layer (SSL) certificate installed for each website. The servers will be accessible from the Internet and will communicate with the application servers. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Application Servers – Four virtual application servers will accept requests from the web servers and transact requests to the database servers. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Database Servers – Two physical database servers will be configured for active/passive operation using the Microsoft Cluster Service. The database servers will be connected to managed storage and will have access to 300 GB of useable storage. This cluster will also

run Microsoft SQL Server 2012. The Contractor will support the hardware, the operating system, and the applications running on top of the OS. Also, the Contractor will provide database administration (DBA) support for the database instance and cluster.

Inquiry Server – A single, virtual, non-clustered server will be configured to support the Inquiry Database. This server will also run Microsoft SQL Server 2012. The Contractor will support the hardware, the operating system, and the applications running on top of the OS. The Contractor will provide DBA support for the database instance.

Radia Servers – Two virtual servers will be configured to run the Radia Client Automation software. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Active Directory Servers – Two virtual servers will be configured to support the Active Directory function for the compartment. The servers will run the Microsoft Windows Active Directory service. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

DNR MO Servers

The Contractor will build five servers in the HP Orlando Data Center for hosting a Model Office (MO) configuration for DNR. The MO environment allows the DNR to test RSS-II releases and to validate new RSS-II business rules prior to implementing them in production.

Web Server – One virtual web server will host the E-License-II, POS-II, RSSWin-II, new Customer Profile (Release 4+), new MBV (Release 4+), and new CO functionality (Release 4+). The server will have an SSL certificate installed for each website. Also, the server will be accessible from the Internet and will communicate with the application server. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Application Server – One virtual application server will accept requests from the web server and transact requests to the database server. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Database Server – One virtual database server will be configured for standalone operation. This server will also run Microsoft SQL Server 2012. The Contractor will support the hardware, the operating system, and the applications running on top of the OS. Additionally, the Contractor will provide DBA support for the database instance.

Radia Server – One virtual server will be configured to run the Radia Client Automation software. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Active Directory Server – One virtual server will be configured to support the Active Directory function for the compartment. The servers will run the Microsoft Windows Active Directory service. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

DNR DR Servers

The Contractor will build five servers in the HP Colorado Springs Data Center for hosting a DR environment for the DNR.

Web Server – One virtual web server will host the E-License-II, POS-II, RSSWin-II, new Customer Profile (Release 4+), new MBV (Release 4+), and new CO functionality (Release 4+). The server will be accessible from the Internet and will communicate with the application server. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Application Server – One virtual application server will accept requests from the web server and transact requests to the database server. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Database Server – One virtual database server will be configured for standalone operation. This server will also run Microsoft SQL Server 2012. The Contractor will support the hardware, the operating system, and the applications running on top of the OS. The Contractor will provide DBA support for the database instance.

Radia Server – One virtual server will be configured to run the Radia Client Automation software. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Active Directory Server – One virtual server will be configured to support the Active Directory function for the compartment. The servers will run Microsoft Windows Active Directory service. The Contractor will provide support for the hardware, the operating system, and the applications running on top of the OS.

Network Configuration

The Contractor provides complete networking solutions that are designed to meet a wide range of security, uptime, and throughput requirements. The Contractor will deploy and configure a dedicated virtual network core, virtual load balancers, and virtual firewall contexts in each of the DNR’s compartment hosted at HP’s Orlando Data Center (ODC) and the HP Colorado Springs (CoSprings) Data Center.

The DNR VPC solution will include an IPSEC Virtual Private Network (VPN) connection between the two data centers. The VPN tunnel will be used to send data between the Production and MO compartments in ODC and the DR compartments in CoSprings.

The Contractor will establish, manage, and monitor connectivity from the State of Michigan’s network to the ODC and CoSprings data center locations. The Contractor will employ two VPN capable HPN routers (Active/Cold Standby) on the State of Michigan network. Also, the Contractor will provision and manage one 1Mbps dedicated Internet circuit to connect the VPN router on the State of Michigan network to the three USPS hosting compartments in ODC (production and MO) and CoSprings (DR). The Contractor will manage and monitor the circuits and routers. It is scalable if future growth requires more bandwidth and fully supports our redundant environment. The Contractor will provide Out of Band (OOB) remote management, and administration to the two routers. In addition, the Contractor will provide a Plain Old Telephone Service (POTS) telephone line and Terminal Server to enable OOB remote management of the VPN routers.

The Hosting environment and services to be provided in Release 15.1 are described in **Exhibit L**.

3. Section 1.104.2.8 Hardware, Software and Communication Requirements

a. Add a new section RSS-II Extension Server Hardware Configuration

RSS-II Extension Server Hardware Configuration

The following tables list the server details for Release 15.1:

Production Environment

HP Helion Virtual Private Cloud – Hosted Production Environment for DNR	
Active Directory	Primary and Secondary Domain Controllers (2) HP Managed Windows 2012 VMs – 2vCPU/4GB and 150GB SAN
Radia Client Automation Servers	(2) HP Managed Windows 2012 VMs – 4vCPU/8GB and 400GB SAN
Web Servers	(4) HP Managed Windows 2012 VMs – 8vCPU/32GB and 200GB SAN
App Servers	(4) HP Managed Windows 2012 VMs – 8vCPU/32GB and 200GB SAN

RSS-II

HP Helion Virtual Private Cloud – Hosted Production Environment for DNR	
DB Servers	(2) HP Managed Windows 2012 OS Clustered Physical Hosts – 8CPU/64GB and 600GB SAN
Inquiry DB Server	(1) HP Managed Windows 2012 VM – 8vCPU/32GB and 600GB SAN

Disaster Recovery Environment

HP Helion Virtual Private Cloud – Disaster Recovery Environment for DNR	
Active Directory	Primary Domain Controller (1) HP Managed Windows 2012 VM – 2vCPU/4GB and 150GB SAN
Radia Client Automation Server	(1) HP Managed Windows 2012 VM – 4vCPU/8GB and 400GB SAN
Web Server	(1) HP Managed Windows 2012 VM – 8vCPU/32GB and 200GB SAN
App Server	(1) HP Managed Windows 2012 VM – 8vCPU/32GB and 200GB SAN
DB Server	(1) HP Managed Windows 2012 VM – 8vCPU/64GB and 600GB SAN

Model Office Environment

HP Helion Virtual Private Cloud – Model Office Environment for DNR	
Active Directory	Primary Domain Controller (1) HP Managed Windows 2012 VM – 2vCPU/4GB and 150GB SAN
Radia Client Automation Server	(1) HP Managed Windows 2012 VM – 4vCPU/8GB and 400GB SAN
Web Server	(1) HP Managed Windows 2012 VM – 8vCPU/32GB and 200GB SAN
App Server	(1) HP Managed Windows 2012 VM – 8vCPU/32GB and 200GB SAN
DB Server	(1) HP Managed Windows 2012 VM – 8vCPU/64GB and 600GB SAN

- b. Software Configuration, delete this section in its entirety and replace with:
 The first table lists the software that must be purchased by the SOM (Michigan Master Computing Contract (MMCC)) to be used for RSS-II. These licenses will be owned by the State and used by the Contractor in the development and hosting of the RSS-II system. If the State decides to bring the support and maintenance in-house, these licenses can still be used by the SOM.

Software	Purpose of Software	Install Location	Quantity
adTempus	Schedules the RSS-II batch jobs	Dev, QA cluster, MO/DR, and Prod cluster database servers	6 licenses
SAP Data Quality Management	Standardizes addresses within the RSS-II database	Dev, QA cluster, MO/DR, and Prod cluster database servers	12 CPUs
cwRsync (with SSH)	Secure File Transfer	Dev, QA cluster, MO/DR, and Prod cluster database servers, QA Inquiry server, Prod Inquiry server	8
MS POSReady	POS Operating System	POS devices	1,762
Symantec Antivirus	POS Antivirus Protection	POS devices	1,762
Radia Client Automation Enterprise	POS System Lockdown	POS devices	1,762
VLC	POS DVD Player	POS devices	1,762
Jaws Professional 13.0	Screen Reader	Developer Machine	1
Help & Manual, version 4.5.1	Maintenance/modification of RSS-II POS and RSSWin Online Help	Developer Machine	1
Adobe RoboHelp Office 10	Maintenance/modification of RSS-II E-License Online Help	Developer Machine	1
Nfive – cardfive	Lifetime license creation	Developer Machine	1 (already State owned)

RSS-II

The following table describes the software that will be included in the Contractor's hosting solution and incorporated into the costs of the hosting services. The licenses are provided as part of the hosting service, but ownership remains with the Contractor. If the State decided to take over hosting responsibilities of the system, these licenses would need to be provided by the State for the servers in each of their four regions.

Software	Purpose of Software	Install Location
MS Windows 2008 *	Operating System	All servers
MS Windows 2012 **	Operating System	All servers
IIS	Web Hosting	All web and application servers
McAfee	Antivirus	All servers
Terminal Services	Remote Server Control	All servers
MS SQL Enterprise 2008*	Database	All database servers
MS SQL Enterprise 2012**	Database	All database servers
FTP	File Transfer	All Inquiry servers

* Until Release 15.1 is implemented

** After Release 15.1 is implemented

The following table lists the different applications that will be written by the Contractor and owned by the State as part of this contract.

Software	Purpose of Software	Install Location
RSSWIN-II	System administration	All web, application, and database servers
POS-II	Point of Sale specific sales channel	All web, application, and database servers
E-License-II	Standard web store sales channel	All web, application, and database servers
RSS DB-II	Relational database containing the data for the system	All database servers (either master or replicated)
RSS Batch-II	Regularly scheduled business tasks to maintain the system	All master database servers

The following software table lists the products that the Contractor will be using (Release 1 through 15.1). These tools are purchased by the State and owned by the Contractor. If the State decided to assume hosting responsibilities of the system, these licenses will not be transferred to the State.

Software	Purpose of Software
Dev Express	Custom ASP.NET GUI controls

The final software table lists the products that the Contractor will be using (Release 1 through 15.1). These tools are purchased and owned by the Contractor. If the State decided to assume hosting responsibilities of the system, these licenses will not be transferred to the State.

Software	Purpose of Software
MS Office	Document creation
MS Project	Project schedule maintenance
MS Visual Studio	Development and test
HP Applications Lifecycle Management	Requirements management, and test case management
Borland StarTeam	Configuration management
HP Load Runner	Performance testing and stress test
CA Erwin	Data modeling
WinZip	File compression

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- c. Contract Extension Communications, add this new section
Each hosted compartment will be reachable through the public Internet and through an IPSEC VPN over a dedicated Internet circuit from the State (Release 15.1). State interfaces (including the real-time interface with SOS and Hunter Safety) (Release 4+) and ad hoc reporting will travel through the VPN tunnel over a dedicated Internet circuit. RSSWIN-II, E-License-II (including Customer Profile and MBV in Release 4+), POS-II, and the new CO application (Release 4+) will enter the compartment through the public Internet.

The Contractor will not be providing ISP communication connection service for the Agents to the RSS-II host. The SOM can, if desired, contract with a telecom provider at tax-free rates.

The Symbol MC35 device recommended for use with the new CO application is compatible with GSM, GPRS, and EDGE networks. The SOM will be responsible for the mobile phone communication plan.

4. Section 1.104.2.9 Maintenance and Support
 - a. RSS-II System Support Services, delete this section in its entirety and replace with: Software maintenance and support for RSS DB-II, RSSWIN-II, E-License-II, POS-II, and the new CO application will include the following:

Performance Monitoring

The contractor will provide monitoring services that will ensure the required performance requested by the Michigan Department of Technology Management and Budget (DTMB)/DNR in Exhibit D. Contractor hosting sites provide 24x7x365 monitoring of the hosted environment. The Contractor has also developed specific procedures to check, validate, and provide alerts when the entire Retail Sales channel becomes unavailable or a batch process fails.

Performance Maintenance

The Contractor will provide performance-tuning services that will ensure the required performance requested by DTMB/DNR in Exhibit D. The Contractor provides usage statistics that are used to make any needed adjustments to maintain the operational requirements of RSS-II.

RSS-II Application Help Desk

All operational staff members are trained on each individual aspect of the functional and technical areas of RSS. The Contractor will use a rotation of Primary Operations Staff Help Desk Lead, with each team member being assigned for a week-long rotation. The Primary Operations Staff Help Desk Lead carries the pager and is the first to receive Help Desk calls from the DNR RSS support staff and system alerts. The Primary Operations Staff Help Desk Lead uses other operations team assistance, as needed, through each team member's expertise domain.

The Contractor will provide 24x7x365 on-call trained staff for RSS-II operations in two areas. First, the Contractor's hosting solution provides 24x7x365 monitoring, alerting, and response service. Second, the Contractor will provide 24x7x365 on-call staff for RSS-II application issues. On-call staff will respond to application alerts from RSS processes, system alerts from the Hosting environment, and pages from the RSS support staff. The Contractor will be notified automatically by the system if the channel for E-License-II and POS-II transactions becomes unavailable. Please see Exhibit D for details on managing Severity 1 through Severity 5 Help Desk tickets.

System Maintenance

When required maintenance is identified, including patches and CEPAS upgrades, the Contractor notifies the DNR and receives approval to use an upcoming maintenance window to apply the necessary changes. Scheduled maintenance will continue to be planned so that there is at least 1 business day that follows the window, and never on the start date or end date of an RSS-II season or event.

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Release scheduling for application enhancements are under the control of the DNR's business operations. The Contractor works with the DNR based on the timing requirements of the enhancement, as well as DNR's resource restrictions and any identified impacts to the Agents or customers.

Adaptive and Preventive Maintenance

Adaptive and preventive maintenance addresses maintenance to the system due to technical changes. All maintenance updates will be performed by the Contractor during agreed maintenance windows, scheduled in advance and during off-peak hours.

Adaptive and preventive maintenance includes the following:

Patches to the application server, Windows components, operating system, or other system software under this contract

Updates to the Disaster Recovery Plans

Database administration functions, which consists of developing and implementing database backup and recovery procedures to minimize data loss if there is a database failure. The Contractor will also develop the procedure to perform the requisite daily and weekly maintenance on DNR databases. This includes examining the page allocations to verify that there are no corrupted tables in the database, periodically re-indexing the database tables, and monitoring and tuning the database devices for performance.

Documentation Update

The Contractor will provide and maintain all documentation that is listed in section Phase VII – Documentation, Training and Transition.

Management Reporting

The Contractor will provide the Project Status Reports, Meeting Minutes, Issue Logs, Risks Logs, and Test Plans with results.

Statement on Standards for Attestation Engagements (SSAE) No. 16 SOC 1 Audit Findings

The Contractor will provide the yearly SSAE 16 Report for the Production and MO hosting sites (Release 3 and Release 15.1).

- b. POS Support Scope of Work-Shipping, delete this section in its entirety and replace with: Multiple shipping vendors may be utilized to allow for best-possible costs for outbound and inbound shipments. Quanta shall utilize the State of Michigan DNR's shipping accounts for shipping costs incurred for original POS hardware shipments, new deployments or removals, as well as consumables and DNR Guide shipments.
 - c. POS Support Scope of Work – Hot Swap Shipping, delete this section in its entirety and replace with:
 - Shipping charges will be billed directly to the state using the State of Michigan DNR's shipping accounts
 - A pick fee will be applied to each shipment
5. Section 1.201 Contractor Staff, Roles, and Responsibilities
- 1. Subcontractor location, delete this paragraph in its entirety and replace with: The Contractor has identified all subcontractors, including firm name, address, contact person, and a complete description of the work to be contracted. The Prime Contractor must perform at least 50% of the work as measured in labor hours.

Company Name and Full Address	Percent (%) of Contract Value to be Performed at This Location
Quanta Inc. 1145 Old U.S. Highway 23 Brighton, MI 48114	2%

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PTD 3001 Coolidge Rd., Suite 403 East Lansing, MI 48823	1%
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2. On-Site Work Requirements, delete this phrase in its entirety and replace with:
The phrase “The State requires that all work be performed in the United States of America, and preferable in Michigan.” is replaced with the phrase “The State requires that all work be performed in the United States of America, and preferable in Michigan with the exception of the hosting support staff. The hosting support staff may be a leveraged organization and may do work outside the United States. The hosting support staff is responsible for the maintenance of the operating system and hosting hardware support.”

6. Section 1.601 Compensation and Payment, delete this section in its entirety and replace with:
Contractor completed the Cost Table (Exhibit H) in the format required by the State.

This Contract is a firm, fixed-priced, deliverable based contract for the defined Releases, Releases 1, 2 and 3, and Time and Materials for additional future enhancements. The costs provided in Exhibit H, include costs for the Work and Deliverables Phases I through VII of Release 1, Time and Materials hours for additional future enhancements, POS communications from Release 1 through Release 3, Hosting hardware and software and services from Release 1 through Release 3, and RSS-II system maintenance and support.

Contractor has provided fixed prices for POS helpdesk and POS maintenance services based on the volumes of active terminals, and volumes of agent turnover specified in the Maintenance and Support section. If SOM requires an adjustment in these volumes, SOM may request a change control to the contract.

Contractor has provided per instance pricing for storage of consumables and DNR Guides based on a price per skid. The State can determine the expected yearly costs for storage based upon the current volumes and packaging methods of the current consumable and guide vendors. Contractor has provided a per-instance pricing for fulfilling a hardware work order of either additional installations beyond the original deployment or fulfilling a hot-swap repair order (referred to as hot-swap pick fee). Contractor has provided a per-instance pricing for fulfilling a consumable order or DNR Guide order beyond the original deployment (referred to as consumable pick fee).

Quanta shall utilize the State of Michigan DNR’s shipping accounts for shipping costs incurred for original POS hardware shipments, new deployments or removals, hot swaps, as well as consumables and DNR Guide shipments.

SOM will be purchasing consumables, POS Hardware, and application software licenses through the MMCC contract or another contract, therefore pricing for these items will not be provided within this contract.

For Releases 1, 2, and 3, the contractor understands that payment will be made upon the completion and acceptance of all deliverables within the phase and the payment will not exceed the contractual costs of the phase for work performed within a planned Release. Furthermore, the State of Michigan will not pay for the next phase deliverable of a Release until all deliverables are completed from the current phase.

Failure to provide deliverable/milestones of a Release by the identified date may be subject to liquated damages as outlined in Article 2.243. A milestone is defined as completed when all of the deliverables within the phase have been completed and written acceptance received by the DTMB Project Manager. Upon contract award notification, Contractor will work with the State to determine a final payment schedule.

Method of Payment

The project’s Releases, of Release 1, 2, and 3, will be paid based on a firm, fixed-priced and will be deliverables based. **The Cost Table is provided as (Exhibit H).** The Contractor shall adhere to the deliverables identified in the Cost Table. RSS-II Operations and Support, POS

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Maintenance Support, Hosting-USPS VPC, Release 15.1, and any time and materials work, will be paid based upon monthly invoicing for services.

The Contractor agrees the costs provided in Exhibit H represent the total charge to the State, and that there are no other charges required to ensure successful Contract execution.

Payment to the Contractor will be made upon the completion and acceptance of all deliverables within the phase for a Release, for Releases 1, 2, and 3, not to exceed contractual costs of the phase. A milestone is defined as complete when all of the deliverables within the phase have been completed and upon written acceptance by the DTMB Project Manager. **A final payment schedule will be negotiated once a Contractor is selected.** Failure to provide deliverable/milestone by the identified date may be subject to liquidated damages as identified in Article 2.243.

Payment for Time and Materials additional enhancements will be made at the end of each month. Payment for monthly services will be made at the end of each month that the service was provided.

The State of Michigan encourages and appreciates completion of deliverables ahead of schedule. However, for Releases 1, 2, and 3, no payments will be made for completed deliverables from the next phase until all the deliverables from the current open phase are completed. For example, if there is a pending deliverable "Updated Project Plan" in Phase II, but the Contractor has completed a deliverable "System Design Document" from Phase III, then until the pending deliverable "Updated Project Plan" from Phase II is completed, the Contractor shall not be eligible for payment for "System Design Document" from Phase III.

Release 15.1 Transition / Refresh Hosting will be delivered February 2015. It is a firm fixed price project invoiced in equal payments from October 2014 – June 2020 as per the cost table provided in Exhibit H. The last payment will be adjusted to match the intended value of the contract.

7. Section 2.002 Renewal(s), delete this section in its entirety and replace with:
" Per mutual written agreement of the Parties, and not less than 30 days before its expiration, the Agreement may be extended for five (5) additional one (1) year periods, on the terms and conditions set forth in this Agreement. "
8. Section 2.157(b) Rights and Obligations upon Termination, add the following, as a second paragraph to Section 2.157 (b) :
"For the avoidance of doubt, the Transition Costs of \$1,156,860 to change the Hosting environment from HP Automated Operations (AOps) to HP Helion Managed Virtual Private Cloud for USPS VPC are considered charges due for services provided. The State must pay for these charges should the State terminate this Contract for convenience before its expiration. "
9. Section 2.221 Limitation of Liability, delete the second and third paragraphs in their entirety and replace with :
"The Contractor's liability for damages to the State is limited to the prior (12) twelve months of charges by the State or \$500,000, whichever is greater. The foregoing limitation of liability does not apply to claims of infringement of United States patent, copyright. Trademarks or trade secrets; to claims for personal injury or damage to property caused by the gross negligence or willful misconduct of the Contractor, to claims covered by other specific provisions of this Contract calling for liquidated damages; or to court costs or attorney's fees awarded by a court in addition to damages after litigation based on this Contract.

The State's liability is limited to the prior (12) twelve months of charges by the State. "

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10. Section 2.320 Software Licensing, delete this section in its entirety and replace with:
See Contract #071B4300127
11. Exhibit A – Preliminary Project Schedules – add Release 15.1 schedule
The Preliminary Project Schedule begins on the following page.

hp		State of Michigan DNR RSS-II Release 15.1			
ID	Task Name	Deliverable	Start	Finish	Resource Initials
0	Release 15.1		7/16/14	4/30/15	
1	Phase 1-Project Planning		9/2/14	10/9/14	
2	Prepare Plan Components		9/2/14	10/9/14	
3	PL-Document Scope		9/2/14	9/3/14	Sail
4	PL-Create Procurement Plan		9/4/14	9/5/14	Sail
5	PL-Update Staffing Plan		9/8/14	9/8/14	Sail
6	PL-Update Organization Chart		9/8/14	9/8/14	Sail
7	PL-Update Project Schedule		9/8/14	9/11/14	Sail
8	PL-Document Risks		9/12/14	9/12/14	Sail
9	PL-Document Issues		9/12/14	9/12/14	Sail
10	PL-Update Team Management Plan		9/15/14	9/15/14	Sail
11	PL-Create PreSage Profile-Metrics		9/15/14	9/16/14	Sail
12	PL-Plan Project Work Reviews		9/16/14	9/16/14	Sail,GF,DG
13	PL-Plan Project Work Rework		9/16/14	9/16/14	Sail
14	PL-Accelerated Delivery Process-Prep		9/17/14	9/23/14	GF,Sail,DG,SA
15	PL-Accelerated Delivery Process		9/25/14	10/2/14	GF,Sail,DG,SA
16	PL-Accelerated Delivery Process-Followup		10/2/14	10/9/14	GF,Sail,DG,SA
17	Update Tools		9/2/14	9/2/14	
18	PL-Update StarTeam		9/2/14	9/2/14	BS
19	PL-Update TFS		9/2/14	9/2/14	BS
20	PL-Update ALM		9/2/14	9/2/14	SA
21	PL-Update Team SharePoint		9/2/14	9/2/14	GF
22	PL-Update Client SharePoint		9/2/14	9/2/14	GF
23	PL-Project Kickoff Meeting with SOM		9/16/14	9/16/14	Sail,DG,GF
24	PL-Deliverables Packaged		9/22/14	9/22/14	Sail
25	PL-Phase Deliverables Complete and Delivered to SOM		9/22/14	9/22/14	
26	PL-Deliverable-Scope		9/22/14	9/22/14	
27	PL-Deliverable-Risk Plan		9/22/14	9/22/14	
28	PL-Deliverable-Procurement Plan		9/22/14	9/22/14	
29	PL-Deliverable-Staffing Plan		9/22/14	9/22/14	
30	PL-Deliverable-Organization Chart		9/22/14	9/22/14	
31	PL-Deliverable-Project Schedule		9/22/14	9/22/14	
32	PL-Deliverable-Issues List		9/22/14	9/22/14	
33	PL-Deliverable-Risk List		9/22/14	9/22/14	
34	PL-Phase Deliverables Client Review Meeting		9/29/14	9/29/14	Sail
35	PL-Phase Deliverables Client Review Meeting-Rework		10/2/14	10/2/14	Sail
36	PL-Phase Deliverables Signoff by SOM		10/3/14	10/3/14	
37	Phase 2-Requirements Definition		9/2/14	10/16/14	
38	Requirements Specifications and RTM		9/3/14	9/25/14	
39	Detailed Requirements		9/3/14	9/19/14	
40	DFA-Hosting Requirements		9/3/14	9/10/14	SA,GF
41	DFA-Hosting Requirements-Rework		9/10/14	9/12/14	SA,GF
42	DFA-Domain Web Portal 2pgs		9/12/14	9/15/14	SA,GF
43	DFA-Domain Web Portal 2pgs-Rework		9/15/14	9/15/14	SA,GF
44	DFA-Monitor-Drive Capacity		9/15/14	9/16/14	SA,GF
45	DFA-Monitor-Drive Capacity-Rework		9/16/14	9/16/14	SA,GF

hp		State of Michigan DNR RSS-II Release 15.1			
ID	Task Name	Deliverable	Start	Finish	Resource Initials
46	DFA-Monitor-Exes		9/16/14	9/18/14	SA,GF
47	DFA-Monitor-Exes-Rework		9/18/14	9/18/14	SA,GF
48	DFA-Monitor-Website		9/18/14	9/19/14	SA,GF
49	DFA-Monitor-Website-Rework		9/19/14	9/19/14	SA,GF
50	DFA-Monitor-Email Script		9/19/14	9/19/14	SA,GF
51	DFA-Monitor-Email Script-Rework		9/19/14	9/19/14	SA,GF
52	DFA-Requirements-Review		9/19/14	9/22/14	GF,Terr,DG,Sail,CK,SA,PO,LS
53	DFA-Package Requirements and RTM		9/22/14	9/25/14	GF,SA
54	DFA-Package Requirements and RTM-Review		9/25/14	9/25/14	GF,DG,Sail,SA
55	DFA-Package Requirements and RTM-Rework		9/25/14	9/25/14	GF,SA
56	Architecture		9/2/14	9/10/14	
57	DFA-Architecture Spec		9/2/14	9/3/14	PO
58	DFA-Architecture Spec-Rework		9/3/14	9/3/14	PO
59	DSA-Architecture-Monitor		9/3/14	9/9/14	PO
60	DSA-Architecture-Monitor-Rework		9/9/14	9/10/14	PO
61	DSA-Architecture-Review		9/10/14	9/10/14	Terr,Sail,SA,GF,CK,DG,PO,LS
62	DFA-SLED Architecture Review		9/22/14	9/23/14	DG,Sail
63	DFA-Complete-SA		9/25/14	9/25/14	
64	DFA-Complete-GF		9/25/14	9/25/14	
65	DFA-Complete-PO		9/22/14	9/22/14	
66	DFA-Phase Deliverables Packaged		9/25/14	9/25/14	GF
67	DFA-Phase Deliverables Complete and Delivered to SOM		9/26/14	9/26/14	
68	DFA-Deliverable-Requirements		9/26/14	9/26/14	
69	DFA-Deliverable-RTM		9/26/14	9/26/14	
70	DFA-Deliverable-Architecture-Applications		9/26/14	9/26/14	
71	DFA-Phase Deliverables Client Review Meeting		10/3/14	10/3/14	GF,DG,Sail
72	DFA-Phase Deliverables Client Review Meeting-Rework		10/3/14	10/9/14	GF
73	DFA-Phase Deliverables Signoff by SOM		10/16/14	10/16/14	
74	Phase 3-Design		9/1/14	11/25/14	
75	Design Hosting Support Components		9/22/14	9/30/14	
76	DSA-Domain Services		9/22/14	9/30/14	
77	DSA-UI-Web Portal1		9/22/14	9/25/14	PO
78	DSA-UI-Web Portal1-Rework		9/25/14	9/25/14	PO
79	DSA-UI-Web Portal2		9/25/14	9/29/14	PO
80	DSA-UI-Web Portal2-Rework		9/29/14	9/30/14	PO
81	DSA-UI-Review		9/30/14	9/30/14	DG,GF,CK,Terr,SA,Sail,PO,LS
82	DSA-Radia CA		9/23/14	9/24/14	
83	DSA-Radia CA Spec		9/23/14	9/24/14	LS
84	DSA-Radia CA Spec-Review		9/24/14	9/24/14	Terr,Sail,SA,GF,CK,DG,PO,LS
85	DSA-Radia CA Spec-Rework		9/24/14	9/24/14	LS
86	Design Business Organization Components		9/2/14	10/22/14	
87	DSA-Implementation Plan		10/9/14	10/21/14	GF
88	DSA-Implementation Plan-Rework		10/21/14	10/22/14	GF
89	DSA-SLA Perform Rpt		9/2/14	9/8/14	LS
90	DSA-SLA Perform Rpt-Rework		9/9/14	9/9/14	LS
91	DSA-Security Plan DIT170		9/24/14	10/8/14	LS
92	DSA-Security Plan DIT170-Rework		10/8/14	10/10/14	LS

hp		State of Michigan DNR RSS-II Release 15.1			
ID	Task Name	Deliverable	Start	Finish	Resource Initials
93	DSA-Business Org Components-Review		10/22/14	10/22/14	GF,DG,Terr,CK,SA,Sail,PO,LS
94	DSA-SLED Design Review		9/30/14	10/1/14	DG,Sail
95	DSA-Design Components Complete		10/22/14	10/22/14	
96	DSA-Complete-PO		9/30/14	9/30/14	
97	DSA-Complete-LS		9/1/14	9/1/14	
98	DSA-Complete-GF		10/22/14	10/22/14	
99	DSA-Phase Deliverables Packaged		10/23/14	10/24/14	GF
100	DSA-Phase Deliverables Complete and Delivered to SOM		11/3/14	11/3/14	
101	DSA-Deliverable-Radia CA	●	11/3/14	11/3/14	
102	DSA-Deliverable-Implementation Plan	●	11/3/14	11/3/14	
103	DSA-Deliverable-Security Plan	●	11/3/14	11/3/14	
104	DSA-Deliverable-SLA Perform Rpt	●	11/3/14	11/3/14	
105	DSA-Phase Deliverables Client Review Meeting		11/11/14	11/11/14	DG,Sail,GF
106	DSA-Phase Deliverables Client Review Meeting-Rework		11/11/14	11/18/14	Terr
107	DSA-Phase Deliverables Signoff by SOM		11/25/14	11/25/14	
108	Phase 4-Build		9/1/14	2/3/15	
109	Build Infrastructure Components		9/1/14	2/3/15	
110	ES-Labs Hosted		9/10/14	2/3/15	
111	ES Labs-DEV-Order		9/10/14	9/11/14	DG
112	ES Labs-DEV-Receive		9/15/14	9/15/14	
113	ES Labs-DEV-Build		9/15/14	9/25/14	DG,Terr
114	ES Labs-DEV-Build-DB config		9/15/14	10/3/14	CK
115	ES Labs-DEV Complete		10/3/14	10/3/14	
116	ES Labs-QA-Order		11/3/14	11/4/14	DG
117	ES Labs-QA-Receive		11/6/14	11/6/14	
118	ES Labs-QA-Build		1/16/15	2/3/15	PO
119	ES Labs-QA-Build-DB config		1/12/15	1/28/15	CK
120	ES Labs-QA Complete		2/3/15	2/3/15	
121	ITO Hosted-Helion VPC- servers and networking		9/2/14	12/5/14	
122	HelionVPC-Engage ITO		9/2/14	9/2/14	DG,Sail
123	HelionVPC-PROD-Compile Service Initiation-Compartment		9/2/14	9/8/14	DG
124	HelionVPC-PROD-Receive Compartment		9/29/14	9/29/14	
125	HelionVPC-PROD-Add Servers		9/29/14	10/1/14	DG
126	HelionVPC-PROD-Build		10/3/14	11/4/14	DG
127	HelionVPC-PROD-BuildDB config		10/2/14	11/4/14	CK
128	HelionVPC-PROD Complete		11/4/14	11/4/14	
129	HelionVPC-MO-Compile Service Initiation-Compartment		9/8/14	9/10/14	DG
130	HelionVPC-MO-Receive Compartment		10/1/14	10/1/14	
131	HelionVPC-MO-Add MO Servers		10/1/14	10/2/14	DG
132	HelionVPC-MO-Build		10/13/14	11/6/14	PO
133	HelionVPC-MO-Build-DB config		10/10/14	11/4/14	Terr
134	HelionVPC-MO Complete		11/6/14	11/6/14	
135	HelionVPC-DR-Compile Service Initiation-Compartment		10/2/14	10/6/14	DG
136	HelionVPC-DR-Receive Compartment		11/3/14	11/3/14	
137	HelionVPC-DR-Add MO Servers		11/3/14	11/4/14	DG
138	HelionVPC-DR-Build		11/4/14	11/20/14	DG
139	HelionVPC-DR-Build-DB config		11/13/14	12/5/14	CK

		State of Michigan DNR RSS-II Release 15.1			
ID	Task Name	Deliverable	Start	Finish	Resource Initials
140	HelionVPC-DR Complete		12/5/14	12/5/14	
141	Server Software		9/2/14	9/10/14	
142	Server software-SQL-Update Quotes		9/2/14	9/2/14	DG
143	Server Software-SQL-Order		9/2/14	9/3/14	DG
144	Server Software-SQL-Receive		9/10/14	9/10/14	
145	Monitors		9/2/14	1/16/15	
146	Monitor-PROD		11/20/14	11/25/14	DG
147	Monitor-PROD-set USPS Notification		11/25/14	11/26/14	DG
148	Monitor-MO		12/5/14	12/11/14	CK
149	Monitor-MO-set USPS Notification		12/11/14	12/12/14	CK
150	Monitor-DR-set USPS Notification		1/15/15	1/18/15	PO
151	Monitor-QA		9/2/14	9/5/14	Terr
152	DNS and Certs		1/12/15	1/15/15	
153	Procure DNSs-MO and PROD		1/12/15	1/15/15	PO
154	Infrastructure Complete		2/3/15	2/3/15	
155	Infra-Complete-DG		11/26/14	11/26/14	
156	Infra-Complete-CK		12/12/14	12/12/14	
157	Infra-Complete-PO		2/3/15	2/3/15	
158	Infra-Complete-Terr		9/1/14	9/1/14	
159	Build Hosting Support Components		9/30/14	10/24/14	
160	BLD-Domain Services		9/30/14	10/13/14	
161	BLD-UI-Web Portal1-Code		9/30/14	10/2/14	PO
162	BLD-UI-Web Portal1-Unit Test		10/2/14	10/6/14	PO
163	BLD-UI-Web Portal1-Rework		10/6/14	10/7/14	PO
164	BLD-UI-Web Portal2-Code		10/7/14	10/9/14	PO
165	BLD-UI-Web Portal2-Unit Test		10/9/14	10/13/14	PO
166	BLD-UI-Web Portal2-Rework		10/13/14	10/13/14	PO
167	BLD-UI-Review		10/13/14	10/13/14	Terr,PO,Sail,GF,CK,DG,SA,LS
168	BLD-Radia Move Agents		10/20/14	10/23/14	
169	BLD--Radia MoveAgentsOldSvr-Code		10/20/14	10/21/14	LS
170	BLD--Radia MoveAgentsOldSvr-Unit Test		10/21/14	10/21/14	LS
171	BLD--Radia MoveAgentsOldSvr-Rework		10/21/14	10/22/14	LS
172	BLD--Radia MoveAgentsNewSvr-Code		10/22/14	10/22/14	LS
173	BLD--Radia MoveAgentsNewSvr-Unit Test		10/22/14	10/23/14	LS
174	BLD--Radia MoveAgentsNewSvr-Rework		10/23/14	10/23/14	LS
175	BLD--Radia-Review		10/23/14	10/23/14	LS
176	Build Database Components		10/10/14	10/20/14	
177	BLD-DB-CustMergeLoadsp-Code		10/10/14	10/10/14	LS
178	BLD-DB-CustMergeLoadsp-Unit Test		10/10/14	10/13/14	LS
179	BLD-DB-CustMergeLoadsp-Rework		10/13/14	10/13/14	LS
180	BLD-DB-MergeHuntSafetyCerts-Code		10/13/14	10/13/14	LS
181	BLD-DB-MergeHuntSafetyCerts-Unit Test		10/13/14	10/14/14	LS
182	BLD-DB-MergeHuntSafetyCerts-Rework		10/14/14	10/14/14	LS
183	BLD-DB-MergeRevkLicPursp-Code		10/14/14	10/14/14	LS
184	BLD-DB-MergeRevkLicPursp-Unit Test		10/14/14	10/15/14	LS
185	BLD-DB-MergeRevkLicPursp-Rework		10/15/14	10/15/14	LS
186	BLD-DB-UpdKeepCustsp-Code		10/15/14	10/15/14	LS

hp		State of Michigan DNR RSS-II Release 15.1			
ID	Task Name	Deliverable	Start	Finish	Resource Initials
187	BLD-DB-UpdKeepCustsp-Unit Test		10/15/14	10/15/14	LS
188	BLD-DB-UpdKeepCustsp-Rework		10/15/14	10/16/14	LS
189	BLD-DB-CustPurchRestriscp-Code		10/16/14	10/16/14	LS
190	BLD-DB-CustPurchRestriscp-Unit Test		10/16/14	10/16/14	LS
191	BLD-DB-CustPurchRestriscp-Rework		10/16/14	10/16/14	LS
192	BLD-DB-AssgnVirtTermsp-Code		10/16/14	10/17/14	LS
193	BLD-DB-AssgnVirtTermsp-Unit Test		10/17/14	10/17/14	LS
194	BLD-DB-AssgnVirtTermsp-Rework		10/17/14	10/17/14	LS
195	BLD-DB-Customer-Code		10/17/14	10/17/14	LS
196	BLD-DB-Customer-Unit Test		10/17/14	10/20/14	LS
197	BLD-DB-Customer-Rework		10/20/14	10/20/14	LS
198	BLD-DB-Review		10/20/14	10/20/14	CK,Terr,Sail,PO,GF,DG,SA,LS
199	Design Testing Specifications		10/9/14	10/20/14	
200	DSA-Test Plan		10/9/14	10/13/14	SA
201	DSA-Test Plan-Rework		10/13/14	10/13/14	SA
202	DSA-STC-Monitor		10/13/14	10/20/14	SA
203	DSA-STC-Monitor-Rework		10/20/14	10/20/14	SA
204	DSA-STC-Review		10/20/14	10/20/14	SA,GF,Terr,Sail,CK,DG,PO,LS
205	BLD-Complete Application Build		10/23/14	10/23/14	
206	BLD-Complete-PO		10/13/14	10/13/14	
207	BLD-Complete-LS		10/23/14	10/23/14	
208	BLD-Complete-SA		10/20/14	10/20/14	
209	BLD-Build ALM Test Lab		10/20/14	10/24/14	SA
210	BLD-Phase Deliverables Packaged		9/2/14	9/2/14	DG
211	BLD-Phase Deliverables Complete and Delivered to SOM		9/2/14	9/2/14	
212	DSA-Deliverable-Test Plan		11/3/14	11/3/14	
213	DSA-Deliverable-System Test Cases		11/3/14	11/3/14	
214	BLD-Phase Deliverables Client Review Meeting		11/3/14	11/3/14	DG,Sail
215	BLD-Phase Deliverables Client Review Meeting-Rework		11/3/14	11/6/14	DG
216	BLD-Phase Deliverables Signoff by SOM		11/14/14	11/14/14	
217	Phase 5-Test System		7/16/14	2/19/15	
218	Execute System Testing		7/16/14	2/2/15	
219	Production Environment		7/16/14	1/12/15	
220	TA-PR ST Build System Test Application		10/20/14	10/24/14	BS
221	TA-PR ST Refresh data for ST		11/4/14	11/7/14	CK
222	TA-PR-System Test Execution		11/7/14	12/10/14	Terr,LS,GF,DEV1,SA,PO,DK
223	TA-PR ST DRA Drill		12/12/14	12/16/14	CK,DG,LS
224	TA-Performance Stress Test		7/16/14	12/17/14	
225	TA-PR-Align Perf Test-3mo		7/16/14	7/16/14	
226	TA-PR-Align Perf Test-1mo		9/11/14	9/11/14	
227	TA-PR-Perf Test Kickoff Meeting		10/9/14	10/10/14	DG,Sail,DEV2
228	TA-PR-Perf Test Setup Coordination		10/10/14	11/24/14	DEV2
229	TA-PR-Perf Test Execution Coordination		11/24/14	12/10/14	DEV2
230	TA-PR-Perf Test-Receive Report		12/17/14	12/17/14	
231	BLD-Compile Application Build		12/16/14	1/12/15	GF,CK,Terr,Sail,DG,SA,PO,LS,DK,DEV1,DEV2
232	Model Office Environment		11/7/14	1/28/15	
233	TA-MO ST Promote Test Application		12/5/14	12/8/14	BS

hp		State of Michigan DNR RSS-II Release 15.1			
ID	Task Name	Deliverable	Start	Finish	Resource Initials
234	TA-MO ST Refresh data		11/7/14	11/13/14	CK
235	TA-MO-System Test Execution		1/12/15	1/28/15	GF,Terr,LS
236	TA-System Test Results Summary		1/28/15	1/30/15	SA
237	TA-System Test Results Summary-Review		1/30/15	2/2/15	SA
238	TA-System Test Results Summary-Rework		2/2/15	2/2/15	SA
239	Execute Formal Acceptance Testing		10/17/14	2/18/15	
240	RLS-Client Testing Kickoff Meeting and Preparation		10/17/14	10/20/14	SA,Sail,DG
241	Production-FAT		12/16/14	2/6/15	
242	RLS-PR FAT Refresh data		12/16/14	12/18/14	CK
243	RLS-PR Formal Acceptance Test Support		1/12/15	2/3/15	SA,DG,LS
244	RLS-PR FAT DR Drill Support		2/3/15	2/6/15	DG,LS
245	Model Office-FAT		1/28/15	2/13/15	
246	RLS-MO FAT Refresh data		1/28/15	2/2/15	CK
247	RLS-MO Formal Acceptance Test Support		2/6/15	2/13/15	SA,Terr,DG,GF
248	RLS-FAT Results Summary		2/17/15	2/18/15	SA,Sail
249	RLS-FAT Results Summary-Review		2/18/15	2/18/15	SA
250	RLS-FAT Results Summary-Rework		2/18/15	2/18/15	SA
251	TA-Phase Deliverables Packaged		2/18/15	2/18/15	GF
252	TA-Phase Deliverables Complete and Delivered to SOM		2/18/15	2/18/15	
253	TA-Deliverable-Release Notes	●	2/18/15	2/18/15	
254	TA-Deliverable-Implementation Plan	●	2/18/15	2/18/15	
255	TA-Deliverable-System Test Results Summary	●	2/18/15	2/18/15	
256	TA-Deliverable-FAT Results Summary	●	2/18/15	2/18/15	
257	TA-Phase Deliverables Signoff by SOM Ready to Implement		2/19/15	2/19/15	
258	Phase 6-Implementation		10/7/14	3/5/15	
259	DPS-SLED Pre Implementation Review		1/27/15	1/28/15	DG,Sail
260	DPS-Interface coordination-SOM		10/7/14	2/27/15	LS
261	DPS-Interface coordination-Agents		10/7/14	2/27/15	LS
262	DPS-Interface coordination-Quanta		10/7/14	2/27/15	LS
263	DPS-Migrate and Implement		2/23/15	2/26/15	GF,CK,DG
264	DPS-Implementation LIVE	●	2/26/15	2/26/15	
265	DPS-Implementation-Field Operations enabled		2/26/15	2/27/15	Terr
266	DPS-Implementation-Monitor Applications		2/26/15	3/5/15	Terr
267	DPS-Transition to support		2/27/15	3/2/15	GF,CK,PO,Terr,LS,DG,SA,Sail
268	DPS-Implementation Client Signoff Delivered to SOM		2/26/15	2/26/15	
269	DPS-Implementation Signoff by SOM		2/27/15	2/27/15	
270	Phase 7-Documentation Transition Closedown		9/9/14	4/30/15	
271	Develop Business Organization Components		9/9/14	3/31/15	
272	BLD-Performance Report		9/9/14	9/19/14	LS
273	BLD-Performance Report-Rework		9/22/14	9/23/14	LS
274	DFA-Physical Architecture Spec		2/3/15	2/17/15	PO
275	DFA-Physical Architecture Spec-Rework		2/17/15	2/17/15	PO
276	BLD-Delivery Reference Manual		10/24/14	11/6/14	BS
277	BLD-Delivery Reference Manual-Rework		11/6/14	11/6/14	BS
278	BLD-DR Plan		2/6/15	2/23/15	LS
279	BLD-DR Plan-Rework		2/23/15	2/24/15	LS
280	BLD-PS Manual		2/13/15	2/26/15	Terr

hp		State of Michigan DNR RSS-II Release 15.1			
ID	Task Name	Deliverable	Start	Finish	Resource Initials
281	BLD-PS Manual-Rework		2/26/15	2/26/15	Terr
282	BLD-System Admin Manual		2/2/15	2/9/15	CK
283	BLD-System Admin Manual-Rework		2/9/15	2/10/15	CK
284	BLD-DB Manual		2/10/15	2/11/15	CK
285	BLD-DB Manual-Rework		2/11/15	2/11/15	CK
286	BLD-Update Implementation Plan		12/10/14	12/15/14	GF
287	BLD-Update Implementation Plan-Rework		12/15/14	12/15/14	GF
288	BLD-Release Notes		12/15/14	12/16/14	GF
289	BLD-Release Notes-Rework		12/16/14	12/16/14	GF
290	BLD-SandP		2/17/15	2/26/15	PO
291	BLD-SandP-Rework		2/26/15	2/27/15	PO
292	BLD-Business Org Components-Review		2/27/15	3/2/15	CK,Terr,PO,Sail,GF,DG,SA,LS
293	BLD-Complete-LS		2/24/15	2/24/15	
294	BLD-Complete-CK		2/11/15	2/11/15	
295	BLD-Complete-BS		11/6/14	11/6/14	
296	BLD-Complete-GF		12/16/14	12/16/14	
297	BLD-Complete-Terr		2/26/15	2/26/15	
298	BLD-Complete-PO		2/27/15	2/27/15	
299	BLD-Phase Deliverables Packaged		3/2/15	3/5/15	GF
300	BLD-Deliverable-Architecture-Physical	●	3/5/15	3/5/15	
301	BLD-Deliverable-Performance Report	●	3/5/15	3/5/15	
302	BLD-Deliverable-Delivery Reference Manual	●	3/5/15	3/5/15	
303	BLD-Deliverable-DR Plan	●	3/5/15	3/5/15	
304	BLD-Deliverable-PS Manual	●	3/5/15	3/5/15	
305	BLD-Deliverable-System Admin Manual	●	3/5/15	3/5/15	
306	BLD-Deliverable-DB Manual	●	3/5/15	3/5/15	
307	DSA-Phase Deliverables Client Review Meeting		3/12/15	3/13/15	Sail,DG
308	DSA-Phase Deliverables Client Review Meeting-Rework		3/13/15	3/16/15	Terr
309	DSA-Phase Deliverables Signoff by SOM		3/30/15	3/31/15	
310	Close Down		2/26/15	4/30/15	
311	EX-Baseline Audit		2/26/15	3/3/15	BS
312	EX-CM Consolidate to Base		3/3/15	3/5/15	BS
313	DPS-Decommission Aops		4/2/15	4/13/15	Terr
314	DPS-Decommission T1 and T1 Monitor		4/13/15	4/22/15	Terr
315	DPS-Decommission Reallocate T1 hardware		4/22/15	4/30/15	Terr
316	EX-Closedown Project		3/11/15	3/19/15	Sail
317	EX-Team Develop Plan		3/19/15	3/20/15	Sail
318	EX-Client closedown post project review		3/20/15	3/30/15	Sail
319	EX-CloseDown Complete		3/31/15	3/31/15	
320	Project Manage and Control		9/1/14	3/30/15	
321	Project Start		9/1/14	9/1/14	
322	Deploy Project Resources		9/2/14	11/7/14	
323	EX-Start-DEV1-PO		9/2/14	9/2/14	
324	EX-Start-DEV2-Terr		9/15/14	9/15/14	
325	EX-Start-DEV3-LS		9/2/14	9/2/14	
326	EX-Start-TSTL-SA		9/2/14	9/2/14	
327	EX-Start-TL-DG		9/2/14	9/2/14	

		State of Michigan DNR RSS-II Release 15.1			
ID	Task Name	Deliverable	Start	Finish	Resource Initials
328	EX-Start-BA-GF		9/2/14	9/2/14	
329	EX-Start-DBA-CK		9/15/14	9/15/14	
330	EX-Start-PM-Sail		9/2/14	9/2/14	
331	EX-Start-CM-BS		9/2/14	9/2/14	
332	EX-Start-Dev1		11/7/14	11/7/14	
333	EX-Start-Dev2		10/9/14	10/9/14	
334	Onboard1		10/17/14	11/7/14	DEV1
335	Onboard2		9/25/14	10/9/14	DEV2
336	EX-Manage Plan Execution		9/22/14	3/30/15	Sail
337	EX-Manage Team Communication		9/2/14	3/16/15	GF,CK,PO,Terr,LS,Sail,DG,SA,DK,DEV1,DEV2,BS
338	EX-SME Support-Tech Ldr		9/2/14	3/16/15	DG
339	EX-SME Support-DBA		9/2/14	3/16/15	CK
340	EX-SME Support-CM		9/2/14	3/16/15	BS
341	EX-SME Support-BA		9/2/14	3/16/15	GF
342	EX-SME Support-CA		9/2/14	3/16/15	Terr
343	EX-SME Support-Test Ldr		9/2/14	3/16/15	SA

12. Exhibit B, delete this section in its entirety and replace with:
Current requirements are documented in the RSS-II Requirements document.
Enhancements are documented in the Enhancement List document.
13. Exhibit C, delete this section in its entirety and replace with:
Current requirements are documented in the RSS-II Requirements document.
Enhancements are documented in the Enhancement List document.
14. Exhibit D, delete this section in its entirety and replace with:
Current requirements are documented in the RSS-II Requirements document.
15. Exhibit F, add paragraph
Exhibit F contains the Hosting and Support Services for Release 3 until the implementation of Hosting Refresh Release 15.1.

16. Exhibit H, add Contract Extension Payment Schedule, Contract Extension Price per Consumable Units, Contract Extension Time and Material Hourly Rates

Contract Extension Payment Schedule

	October 2014 - February 2015 Monthly Payment	March 2015 - May 2015 Monthly Payment	June 2015 - May 2016 Monthly Payment	June 2016 - May 2017 Monthly Payment	June 2017 - February 2018 Monthly Payment	March 2018 - May 2018 Monthly Payment	June 2018 - May 2019 Monthly Payment
Fixed Price Contracted Services:							
RSS-II Operations and Support		*	\$126,334	\$130,124	\$134,028	\$134,028	\$138,049
POS Maintenance Support		*	\$6,100	\$6,100	\$6,100	\$6,100	\$6,100
Hosting - USPS VPC		\$58,193	\$58,193	\$58,193	\$58,193	\$58,193	\$58,193
Release 15.1 -Transition Hosting	\$17,013	\$17,013	\$17,013	\$17,013	\$17,013	\$17,013	\$17,013

	June 2019 - April 2020 Monthly Payment	May 2020 Monthly Payment	Contract Total
Fixed Price Contracted Services:			
RSS-II Operations and Support	\$142,190	\$142,190	\$8,048,700
POS Maintenance Support	\$6,100	\$6,100	\$366,000
Hosting - USPS VPC	\$58,193	\$58,193	\$3,666,159
Release 15.1 -Transition Hosting	\$17,013	\$16,989	\$1,156,860
Reserved budget may fund approximately a total of 20,083 hours of future scope of Time and Material work, (however, actual hours will vary based upon the type and rate of resource utilization as outlined in the hourly rate card provided below), plus monthly per consumable unit fees for 290 consumable picks, 25 hardware picks, 56 skids stored, and 5 skids disposed.			\$2,888,484
			\$16,126,203

Exhibit H is modified from the original contract by the line above representing Release 15.1 for the periods October 2014 – May 2015

* - March 2015, April 2015 and May 2015 pricing is reflected in Exhibit H Cost Tables. Any line item not included in this cost table remains unchanged.

For March 2015, April 2015 and May 2015, 'Hosting - USPS VPC' line item replaces line item 'RSS-II V3 hosting (w/scans and Network, SANS: no PCI)', in Exhibit H Cost Tables

Contract Extension Price per Consumable Units

Consumable Unit	Price per Unit
Consumable Pick Fee	\$15
Hardware Pick Fee	\$15
Consumable Skid Storage Fee	\$25
Consumable Skid Disposal Fee	\$35

Contract Extension Time and Material Hourly Rates

Job Description	Hourly Rate
Project Manager	\$178
Business Analyst	\$115
Technical Lead	\$150
Senior Developers	\$125
Programmers	\$85
Technical Writer	\$95

17. Exhibit L, add new exhibit

Exhibit L

HOSTING AND SUPPORT SERVICES FOR RELEASE 15.1

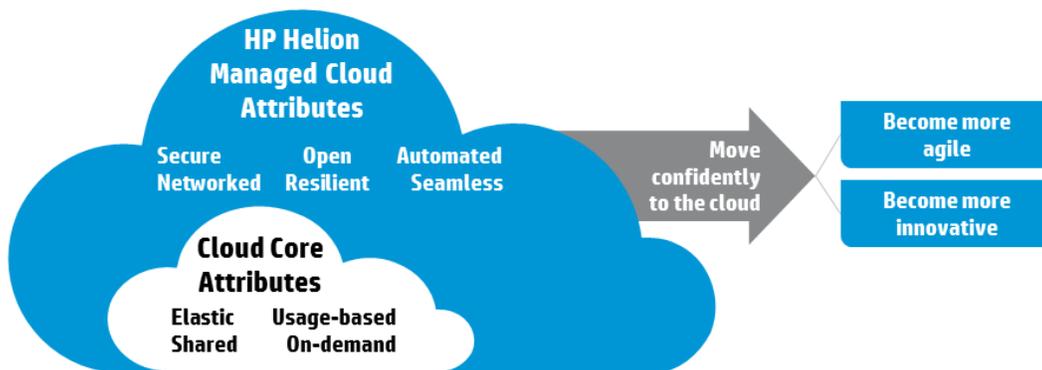
HP Helion Managed Virtual Private Cloud for U.S. Public Sector

HP Helion Managed VPC for U.S. Public Sector is a highly secure, enterprise-class managed cloud computing environment for business-critical workloads. This Infrastructure as a Service (IaaS) offering has Federal Risk and Authorization Management Program (FedRAMP) authorization and is Health Insurance Portability and Accountability Act (HIPAA) and International Traffic in Arms Regulations (ITAR) compliant. With its broad technology stack and enterprise-grade service management, this offering provides customers with the range of capabilities necessary to address today's complex IT environments.

The HP Helion Managed Virtual Private Cloud for U.S. Public Sector implementation is based on the HP Helion Managed Virtual Private Cloud offering for our commercial markets—modified and augmented to address U.S. Public Sector requirements.

Your solution—HP Helion Managed Virtual Private Cloud for U.S. Public Sector—is secure, open, automated, resilient, and seamless.

Figure 1. Swiftly Respond to Business Needs with HP Helion Managed Cloud



HP Helion Managed Cloud enables you to become more agile and more innovative.

With our **secure** FedRAMP-authorized infrastructure you receive robust protection that meets the rigorous security and compliance requirements of the U.S. Federal Government.

Open technology does not lock you in to proprietary technology that only one vendor can support or manage. An enterprise cloud has a modular infrastructure and services.

These cloud services are highly **automated**. Policy-based automation and management integrates the cloud with services to provide integrated service catalogs and end-to-end service quality.

A securely **networked** compartment facilitates the safe transmission of all data between you and the HP Helion Managed Cloud environment.

High levels of availability, quality, and performance service levels deliver the **resilience** that you are seeking.

Public and private cloud services can be combined with traditionally deployed and outsourced services to deliver a **seamless** experience for hybrid delivery.

The Contractor provides cloud services for core business applications and processes in a shared, flexible, scalable, and automated IT environment with high levels of performance and availability. All services are provided with the Contractor's standard security and privacy policies that enable you to meet your Government compliance mandates and industry regulations.

Security is one of the Contractor's top priorities for our cloud offerings. With more than 50 years of experience supporting Government organizations, we have an in-depth understanding of our clients' needs to protect their data. We have taken this experience and expertise and coupled it with our market-leading security solutions—ArcSight, TippingPoint, and Fortify—to provide enterprise-grade security to all of our cloud solutions.

With HP Helion Managed Virtual Private Cloud for U.S. Public Sector you automatically receive a predefined set of features. Key features include the following:

HP Helion Managed Virtual Private Cloud for U.S. Public Sector. *With cloud computing the DNR consumes bundles of predefined infrastructure resources as a service, enabling the DNR to access infrastructure rapidly and scale services up and down quickly to meet business needs.*

HP Helion Virtual Private Cloud for U.S. Public Sector	
Data Center	Indoor and outdoor video surveillance Biometric scanners and keycard access On-site security personnel 24x7 N+1 data links, power, uninterruptible power supply (UPS), and cooling Customer audits ITIL process alignment SSAE No. 16 SOC 1 performed
Certifications	FedRAMP Authorization HIPAA and ITAR based on third-party auditor assessment
Centralized Services	Operations Center desk and incident management Windows 2012 OS availability monitoring and performance reporting Operation team that consists of U.S. citizens only
Compute Services	Built on HP converged infrastructure Virtual and physical server elasticity and scalability
OS Management	Implements HP hardened OS instances for U.S. Public Sector clients OS maintenance, including patch deployment and configuration management for the OS
Server Security	Windows OS high-availability platform for dedicated production database servers Provides HP hardened OS builds for U.S. Public Sector clients VMware hypervisor hardening Monthly vulnerability scanning Anti-malware protection Server anti-virus protection Multi-factor authentication for cloud operational staff Security administration and policy compliance management Security information and event management (SIEM) File system backups
Network Security	Dedicated Virtual Network compartment Network intrusion detection and prevention (at the network perimeter) Network traffic isolation within the HP Helion Managed Virtual Private Cloud network infrastructure Site-to-site Internet Protocol Security (IPSEC) VPN tunnel (data encryption in motion) Secure Sockets Layer (SSL) encryption
Continuity Services	Agent-based data replication technology provides real-time replication of application data, operating system, and system state into storage resources allocated from the HP Recovery Cloud Virtual recovery servers at the ready for Disaster Recovery

HP Helion Virtual Private Cloud for U.S. Public Sector	
RSS Support Team Services	Application monitoring URL DNS management SSL management Performance reporting analytics Domain user administration Email distribution

The DNR can focus on business services instead of worrying about the underlying server availability, security, and patches. HP installs, fully manages, and monitors the OS instances and the underlying physical infrastructure while providing uptime service levels.

HP Helion Managed VPC Key Features

Data Center

Indoor and Outdoor Video Surveillance – Contractor site monitoring provides indoor/outdoor video surveillance 24x7x365.

Biometric Scanners and Key Card Access – Multiple levels of key card and/or biometric iris or palm scanners control access to the data hall.

On-Site Security Personnel – The Contractor provides on-site security personnel on a 24x7x365 basis.

N+1 Data Links, Power, UPS, and Cooling – Redundant network connectivity, power supply, electrical, and cooling features support your cloud infrastructure.

Customer Audits – If you need to perform audits of the cloud infrastructure the Contractor assists your third-party auditors by providing guidance and access to the information and data that they need. Audits will incur additional costs.

ITIL Process Alignment – The Contractor follows industry-standard compliance profiles, such as ISO27001 and ITIL framework, as well as best practices.

SSAE No. 16 SOC 1 – The contractor will provide the state with a copy of our SSAE No. 16 SOC 1 report for the HP ODC (Orlando Data Center) every year. These reports—prepared in accordance with SSAE No. 16, Reporting on Controls at a Service Organization—are intended to meet the specific needs of the managements of user entities and the user entities’ auditors as they evaluate the effect of the controls at the service organization on the user entities’ financial statement assertions. These reports are important components of user entities’ evaluation of their internal controls over financial reporting for complying with laws and regulations, such as the Sarbanes-Oxley Act, and the user entities’ auditors as they plan and perform audits of the user entities’ financial statements. The use of these reports is restricted to the management of the service organization, user entities of the service organization, and user auditors.

The DNR agrees to comply with the SSAE No. 16 SOC 1 Non-Disclosure Statement:

It is agreed that, in consideration for Hewlett-Packard Corporation’s (HP’s) disclosure of this SSAE No. 16 SOC 1 Report (hereinafter referred to as the Proprietary Material), the Customer agrees that the Proprietary Material is, and shall at all times remain, the property of HP’s and shall be used solely by the Customer and the independent auditors of the Customer in connection with the services performed or proposed to be performed by HP’s for the Customer. The Customer will not copy, reproduce, sell, assign, license, market, transfer, or otherwise dispose of or give the Proprietary Material to any person, firm, or corporation. The Customer shall keep the Proprietary Material confidential and shall not disclose the Proprietary Material to another party without first obtaining written permission from a duly authorized officer of HP.

Certifications

FedRAMP Authorization – The Contractor is one of the first Cloud Service Providers (CSPs) to become authorized through the rigorous FedRAMP Assessment Program. HP Helion Managed VPC for U.S. Public Sector received a provisional Authority to Operate (pATO) from the Joint Authorization Board (JAB) of the FedRAMP. FedRAMP is a U.S. Government-wide program that provides a streamlined approach to accelerating security assessments, authorizations, and the adoption of cloud solutions enabling time, resource, and cost savings for agencies.

HIPAA and ITAR Compliance – HP VPC's system documentation and technical tests were reviewed by a Third-Party Assessment Organization (3PAO). The assessment determined that HP Helion Managed VPC for U.S. Public Sector fully complies with ITAR and HIPAA requirements. The 3PAO's independent assessments provide our customers with peace of mind that our cloud service is secure and fully compliant with these regulations.

Centralized Services

Operations Center Desk and Incident Management – The Contractor Hosting team provides a 24x7 Operations Center Desk to respond to inquiries and reports of incidents submitted by the Contractor RSS Support team.

Server OS Monitoring – The Contractor Hosting team monitors the availability of the servers and the OS instances up to connection with the network demarcation point. Upon detection of an event, the Contractor Hosting team investigates the outage and performs corrective action to restore the system.

Operations Team – Every member of the Contractor Hosting team is a U.S. citizen.

Computing Services Features.

- **Built on HP Converged Infrastructure** – The HP converged infrastructure incorporates the power of virtualization and leverages end-to-end security, tight alignment with facilities, and the experience and expertise of our services team.

Virtual and Physical Server Elasticity and Scalability – The Contractor Hosting team maintains the hardware in good working condition, upgrades and periodically replaces hardware, investigates outages, and performs corrective action to restore hardware.

OS Management

Hardened OS Instances – The Contractor Hosting team installs the operating system and monitors the availability of the servers and the OS instances up to connection with the network demarcation point.

OS Maintenance – Patch deployment and configuration management for the OS maintained by the Contractor Hosting team.

Server Security

Dedicated Server Hardware – The USPS VPC compartment will be built using servers and hypervisors (hardware for running virtual servers) that are dedicated to the DNR. Multiple, redundant equipment provides load balancing and high availability.

Vulnerability Management – The Contractor's McAfee Vulnerability Manager-based Managed Vulnerability Scan Service (MVSS) is managed, maintained, and operated by Contractor Security Operations, and its servers are located in the Security compartment. It provides reporting for clients and for change management security reviews. The MVSS meets the requirements of the Security Content Automation Protocol-compliant scanning service to perform monthly scans of the infrastructure and component operating systems in the Cloud Support System and HP-managed VPC compartments. MVSS is used to identify new flaws as part of security test and evaluation procedures or routine continuous monitoring activities and to verify that flaw remediation actions undertaken through the configuration/change management process have been successful.

Host-Based Endpoint Threat Management (EPTM) Protection – The EPTM service consists of host-based firewalls and McAfee anti-malware and McAfee anti-virus protection. EPTM is installed on all physical and virtual servers.

Security Information and Event Management (SIEM) – The Contractor’s SIEM service provides security log collection, log storage, scheduled reporting, log analysis, alerting services, incident handling, and a security dashboard. This includes the following:

During incident response the DNR will be provided real-time access to your logs, along with the support of our Incident Response team.

For the retrieval of logs for forensic and audit purposes, the Contractor provides proactive support and will respond quickly to all requests. The actual retrieval of the data may take several hours depending on the amount of data to be pulled. In all cases the Contractor will communicate the status of the request and provide the data as soon as it is available.

File System Backups – File system backups will provide operational support and management processes to meet OS and related system software requirements for data availability, accessibility, and retention. Continuity Services will be used for Disaster Recovery. File System Backups include the following:

File system backup starts with a full backup each week. Thereafter, incremental backups are run daily to capture only the files that have changed since the previous backup.

Database data will be backed up to an encrypted file on the file system and included in the nightly incremental backup.

Data is stored onsite to a disk-based virtual tape library (VTL) for 30 days.

Each week data is also shipped offsite and retained for 60 days (the first 30 days are concurrent and stored online with HPES).

Files can be restored via an enhancement change request.

Network Security

Dedicated Virtual Network Compartment – A dedicated network compartment with a perimeter virtual firewall filters traffic flows using management policies that allow only well-defined traffic to move through the firewall. This logical separation and isolation of network traffic protects data from unauthorized exposure during transport across the network infrastructure. The Contractor Hosting team will deploy and configure a dedicated virtual network core, virtual load balancers, and virtual firewall contexts in the DNR’s compartments hosted at HP’s Orlando Data Center (ODC), and at HP’s Colorado Springs (CoSprings) Data Center.

Network Intrusion Prevention – To enhance security of the cloud’s network perimeter firewall, we monitor in-bound public Internet traffic with HP TippingPoint solutions, available at the network perimeter. The Contractor’s Network Intrusion Detection and Prevention Service works in conjunction with existing dedicated virtual firewalls to scan, detect, report, notify, and actively block many identified security threats.

- HP TippingPoint is a Network-based Intrusion Prevention System (NIPS) that effectively monitors, detects, and identifies malicious and unauthorized activities against the network, such as unauthorized Internet protocol usage and denial-of-service attacks. The NIPS is implemented using an integrated set of processes, expert personnel, and enabling technologies. The NIPS standard report package consists of reports that identify the most frequent “high alert” events, the most frequent sources of events, the most frequent targets of events, and the most frequent events (signatures).
- NIPS sensors are strategically placed at the network core layer to enhance the perimeter security of the HP Helion VPC network to examine traffic flows with specific inspection criteria that use standard baseline inspection criteria and environment-specific criteria derived from the initial and ongoing status of the environment.
- TippingPoint sensors are an active, in-line solution that is configured, deployed, and fine-tuned to specific policies that facilitate the availability of critical infrastructure and systems while blocking inappropriate traffic. HP TippingPoint NIPS functions by recognizing anomalies in activity and/or traffic patterns that meet particular signatures

in the data stream that the NIPS is inspecting. The Contractor Hosting team manages, operates, and maintains all HP TippingPoint sensors.

Network Traffic Isolation within the HP Helion Managed Virtual Private Cloud Network

Infrastructure – The Contractor Hosting team securely isolates and protects information and processes from unauthorized access using features such as fiber channel zoning, customer-dedicated vLANs, and embedded policy enforcement.

Site-to-Site IPSEC Virtual Private Network (VPN) Tunnel – The DNR's VPC solution will include a VPN connection between the two Data Centers. The VPN tunnel will be used to send data between the Production compartment in ODC and the DR compartments in CoSprings.

The Contractor will establish, manage, and monitor connectivity from the State of Michigan's network to the ODC and CoSprings Data Center locations. The Contractor will employ two VPN capable HPN routers (Active/Cold Standby) on the State of Michigan network. Also, the Contractor will provision and manage one 1Mbps dedicated Internet circuit to connect the VPN router on the State of Michigan network to the three hosting compartments in ODC (production and MO) and CoSprings (DR). The Contractor will manage and monitor the circuits and routers. It is scalable if future growth requires more bandwidth and fully supports our redundant environment. The Contractor will provide OOB remote management and administration to the two routers. Also, the Contractor will provide a POTS telephone line and Terminal Server to enable OOB remote management of the VPN routers.

Secure Sockets Layer (SSL) Encryption – SSL is a standard security technology for establishing an encrypted link between a server and a client. E-License-II, POS-II, and RSSWin-II use SSL to encrypt their data in transit.

Continuity Services

Agent-Based Data Replication – HP Helion Continuity Services for VPC is a Recovery-as-a-Service that provides Recovery Time Objective (RTO) of 4 hours and Recovery Point Objective (RPO) of less than 15 minutes. Continuity Services provides a streamlined and simplified recovery process as well as greater provisioning flexibility than traditional Disaster Recovery methods. This includes the following:

RPO is the maximum period in which data might be lost from an IT service due to a major incident.

RTO is the duration of time and a service level within which a business process will be restored after a disaster.¹

After a declared disaster or plan invocation, the DNR servers will be recovered from the replicated data and brought online, fully operational in 4 hours with a data loss of less than 15 minutes. Once online, the recovered servers are turned over to the Contractor RSS Support team to execute their DR Plan. Total RTO is under 96 hours.

Continuity Services provides added benefits compared to traditional recovery methods as most manual recovery steps are automated, not only reducing the recovery time achievable, but eliminating the risk of errors from manual interventions. Unlike traditional recovery, Continuity Services protected servers are at a system state recovery (point in time when the system's last state was replicated) once turned over to the DR teams. This not only helps reduce errors but saves time, too.

Virtual Recovery Servers – The Contractor will stand up recovery servers running in the recovery cloud at the HP Colorado Springs Data Center. Once built and tested, the virtual servers are shut down and stored. Data replication is used to replicate the application data and operating system from the production cloud to the recovery cloud. No tape or other manual recovery process is needed to reconstitute data.

In the case of a disaster or execution of a DR drill, the recovery servers will be brought online. Once recovered, the servers will have the same look and feel that they had in production—with consistency to the last recovery point. Transitioning from the Continuity Services back to normal production operations is considered a project and must be planned and staffed appropriately. Note – Continuity Services is not designed to support operational outages at the production site (that is, individual server outage, individual application alternate processing, and so forth).

DR Drill – Continuity Services includes up to two 1-day DR drills per year.

Contractor RSS Support Team Services

The following services are managed by the Contractor RSS Support team in support of the Hosting environment.

Application Monitoring – The Contractor RSS Support team will use HP SiteScope to monitor the availability of the RSS-II websites. HP SiteScope will also be used to monitor the availability of critical applications like SQL server, Radia, and adTempus. In addition, HP SiteScope will be used to monitor the drive capacity of each server. If an application or website fails or a drive reaches a predefined threshold then the Contractor RSS Support team will be notified.

URL DNS Management – DNS is the service to direct Internet traffic to the DNR's hosted websites. The Contractor RSS Support team will provision the RSS-II URLs for the DNR.

SSL Management – The Contractor RSS Support team will order digital certificates, register DNR servers, and install and configure certificates to enable SSL communication.

Performance Reporting Analytics – The Contractor RSS Support team will modify the monthly performance report procedure to include the calculation of the E-License statistics for Welcome page hits, Unique Sessions, and Completed Orders.

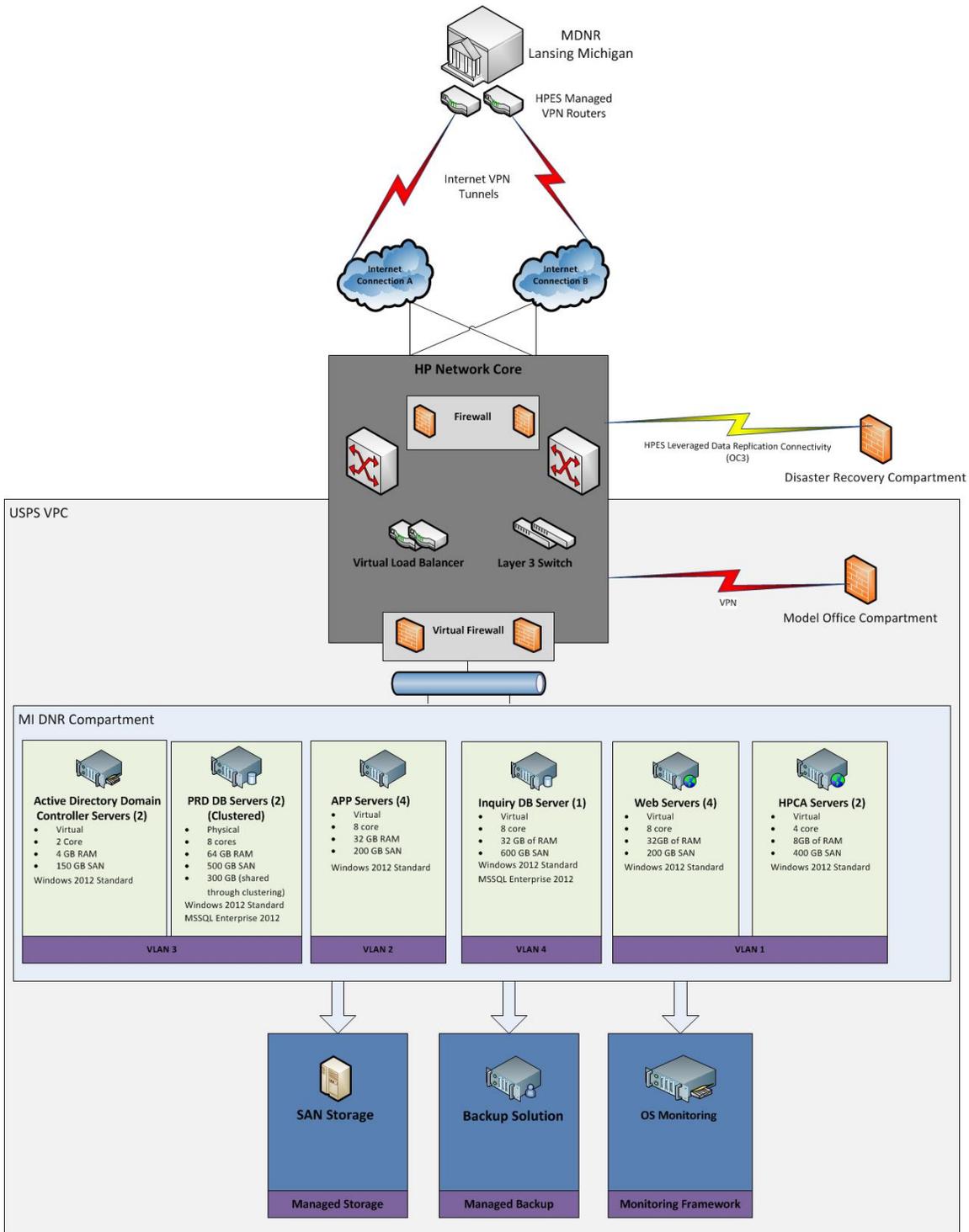
Domain User Administration – The Contractor RSS Support team will administer the user accounts of the domain. The other aspects of the domain will be managed by the Contractor Hosting VPC Active Directory team.

Email Distribution – The Contractor Hosting Team will manage the SMTP services (email services) of RSS-II. The Windows SMTP server will be set up and locked down to only distribute emails from RSS-II.

Contractor Hosting Environments for DNR

Production Architectural Diagram

State of Michigan Department of Natural Resources (MDNR) Hosted Production Site – USPS VPC



Updated: June 23, 2014

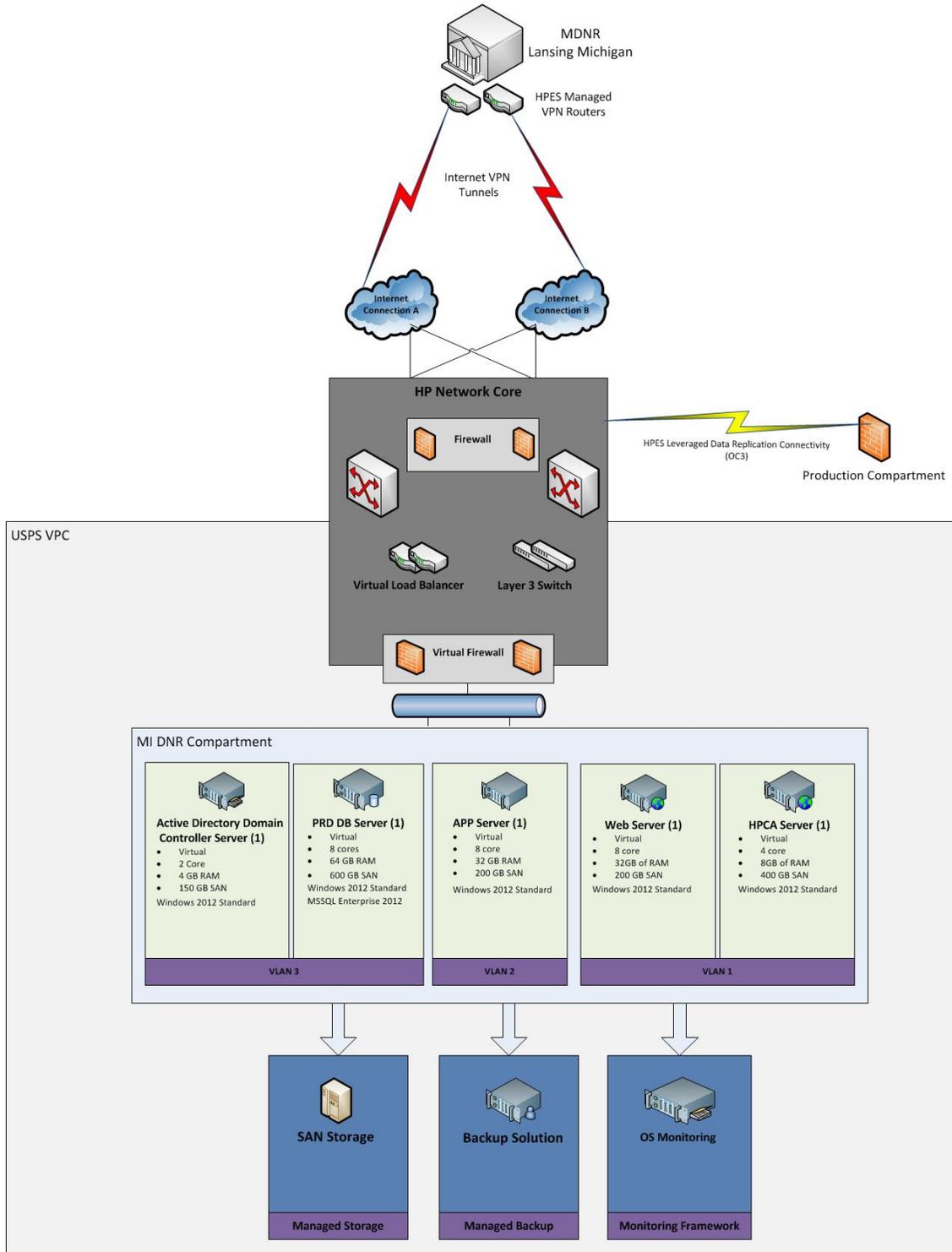
HP may substitute a different brand and/or model of hardware or software for any hardware or software listed herein if hp determines in its sole discretion that the substituted hardware or software is functionally equivalent.

Production Components

HP Helion Virtual Private Cloud – Hosted Production Environment for DNR	
HP Managed Hosted Production Environment	Secure, highly available, and dedicated physical and virtual hosted infrastructure includes the following: 5Mbps Leveraged Internet Services Three site-to-site IPSEC VPNs Secure Active Directory Windows Platform Virtual firewall instance Six load-balanced Web and App Servers Pools Dedicated OS clustered physical MS SQL database environment High-performance and redundant Storage Area Network (SAN) File system backups 60 days: 30 days stored concurrently onsite to disk virtual tape library with HPES + 60 days offsite vaulting 99.9% Availability SLA
Active Directory	Primary and Secondary Domain Controllers (2) HP Managed Windows 2012 VMs – 2vCPU/4GB and 150GB SAN
HPCA Servers	(2) HP Managed Windows 2012 VMs – 4vCPU/8GB and 400GB SAN
Web Servers	(4) HP Managed Windows 2012 VMs – 8vCPU/32GB and 200GB SAN
App Servers	(4) HP Managed Windows 2012 VMs – 8vCPU/32GB and 200GB SAN
DB Servers	(2) HP Managed Windows 2012 OS Clustered Physical Hosts – 8CPU/64GB and 600GB SAN
Inquiry DB Server	(1) HP Managed Windows 2012 VM – 8vCPU/32GB and 600GB SAN

Disaster Recovery Architectural Diagram

State of Michigan Department of Natural Resources (MDNR) Hosted Disaster Recovery Site – USPS VPC



Updated: June 23, 2014

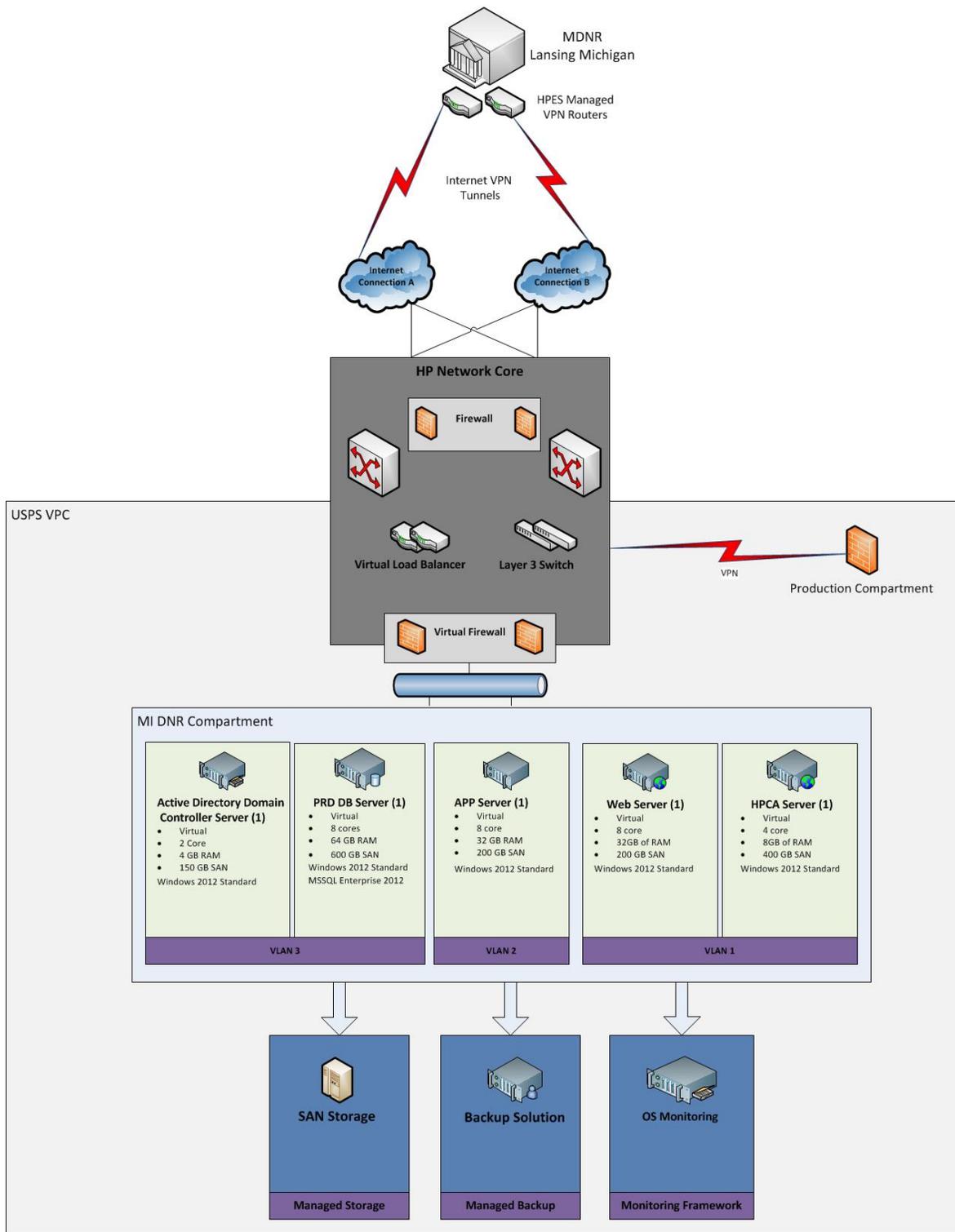
HP may substitute a different brand and/or model of hardware or software for any hardware or software listed herein if hp determines in its sole discretion that the substituted hardware or software is functionally equivalent.

Disaster Recovery Components

HP Helion Continuity Services – Disaster Recovery Environment for DNR	
HP Helion Continuity Services for VPN	Secure, virtual hosted infrastructure includes the following: Agent-based data replication technology installed into the MDNR production VPC environment Service provides real-time replication of application data, operating system, and system state into storage resources allocated from the HP Recovery Cloud Leveraged replication circuit 96-hour RTO for application. 4 hour RTO for the infrastructure. 15 minute RPO Two annual one-day DR exercises
HP Managed Disaster Recovery Environment	Secure, virtual hosted dedicated infrastructure includes the following: 5Mbps Leveraged Internet Services Three site-to-site IPSEC VPNs Secure Active Directory Windows Platform Virtual firewall instance Four load-balanced Web and App Server Pools High-performance and redundant SAN File system backups 60 days: 30 days stored concurrently onsite to disk virtual tape library with HPES + 60 days offsite vaulting 99.9% Availability SLA
Active Directory	Primary Domain Controller (1) HP Managed Windows 2012 VM – 2vCPU/4GB and 150GB SAN
HPCA Server	(1) HP Managed Windows 2012 VM – 4vCPU/8GB and 400GB SAN
Web Server	(1) HP Managed Windows 2012 VM – 8vCPU/32GB and 200GB SAN
App Server	(1) HP Managed Windows 2012 VM – 8vCPU/32GB and 200GB SAN
DB Server	(1) HP Managed Windows 2012 VM – 8vCPU/64GB and 600GB SAN

Model Office Architectural Diagram

State of Michigan Department of Natural Resources (MDNR) Hosted Model Office Site – USPS VPC



Updated: June 23, 2014

HP may substitute a different brand and/or model of hardware or software for any hardware or software listed herein if hp determines in its sole discretion that the substituted hardware or software is functionally equivalent.

Model Office Components

HP Helion Virtual Private Cloud – Model Office Environment for DNR	
HP Managed Hosted Model Office Environment	Secure, virtual hosted dedicated Infrastructure includes the following: 1Mbps Leveraged Internet Services Three site-to-site IPSEC VPNs Secure Active Directory Windows Platform Virtual firewall instance Four load-balanced Web and App Server Pools High-performance and redundant SAN File system backups 60 days: 30 days stored concurrently onsite to disk virtual tape library with HPES + 60 days offsite vaulting 99.9% Availability SLA
Active Directory	Primary Domain Controller HP Managed Windows 2012 VM – 2vCPU/4GB and 150GB SAN
HPCA Server	HP Managed Windows 2012 VM – 4vCPU/8GB and 400GB SAN
Web Server	HP Managed Windows 2012 VM – 8vCPU/32GB and 200GB SAN
App Server	HP Managed Windows 2012 VM – 8vCPU/32GB and 200GB SAN
DB Server	HP Managed Windows 2012 VM – 8vCPU/64GB and 600GB SAN

Assumptions

State of Michigan staff will open the appropriate ports and work with the contractor to allow appropriate inbound/outbound access to the Michigan network.

State of Michigan will house 2 VPN routers, a terminal console and a POTS line on the SOM network.

Four (4) web servers and four (4) application servers are assumed to support the Transaction Response Time SLA. If they do not then additional servers could be needed.

HPES reserves the right to change Hosting sites and server configurations.

Out-of-Scope Security Enhancements

Besides the security services that are part of the HP Helion Managed Virtual Private Cloud for U.S. Public Sector offering, HPES offers the following Security Enhancements Services that are currently out of scope for this contract:

Contractor Security Enhancements consist of the following enhancement options to allow clients additional technology and security services beyond the base security described in other services purchased:

Host-Based Intrusion Detection – To enable host-based IDS, select devices are configured to generate alerts. The Contractor can monitor and respond to alerts as well as update attack-alerting filters.

Intrusion Detection Report – The analysis includes a detailed report of the latest scans, probes, and intrusion attempts directed at the client’s site over a month period. The Contractor can recommend specific courses of action to address any identified security exposures.

A client may also select from the Contractor Security and Privacy Consulting Services described as follows. These services are provided as part of a scoped engagement:

Penetration Testing – The client can request consulting services to conduct penetration testing. Penetration testing simulates an adversary’s activity using the same automated tools that a hacker would employ to gain unauthorized access to a client organization’s networks and systems. The Contractor will identify weaknesses in the environment and suggest corrective action.

Application Attack Simulation – Through a simulated attack, the Contractor can identify, analyze, and help mitigate security vulnerabilities and exposures related to the application

architecture, authentication, connection management, configuration, patching, and coding practices. This service is available as a one-time service or as a subscription service.

Application Code Review – The Contractor Code Review Service verifies that all client applications are developed and coded following secure programming procedures. The Contractor will work with the client to identify and mitigate potential security risks in the software development life cycle before the application is deployed.

Comprehensive Applications Threat Analysis (CATA) – The Contractor CATA is an industry-leading best practice to proactively build security quality (reductions in vulnerabilities) at the earliest stages/highest leverage layers of abstraction of the life cycle (requirements, architecture, and high-level design) via security requirements gap analysis and architectural threat analysis. This significantly reduces the problem of undiscovered security defects. Unlike conventional development, CATA can help discover and avoid the majority of security vulnerabilities early in the life cycle instead of facing costly fixes late release or post-release.

III. COST

See Exhibit H Payment Schedule

IV. IMPACT ON CONTRACT

Increase: \$ 16,126,203

V. SIGNATURES

HP Enterprise Services, LLC. ("HPES")

By:  _____

Title: East District Director

Date: August 14, 2014

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2014-007

I. General

This Change Authorization Request (CAR) is subject to all terms and conditions of the Department of Natural Resources (DNR) Retail Sales Systems (RSS) Rewrite (RSS-II) Contract between HP Enterprise Services, LLC (HPES), A Delaware corporation, with a principal place of business at 5400 Legacy Drive, Plano, TX 75024,—formally contracted as Hewlett-Packard State & Local Enterprise Services, Inc. (HPSL), formally known as Saber Software, Inc., Business Contracting Entity for HP (SABER)—and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources.

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPES to purchase nine (9) ASP.NET Developer Express, Inc. annual software maintenance subscriptions. This annual renewal subscriptions will be licensed to HPES and used for development and support of RSS-II E-License. The licenses will not be transferrable to the State of Michigan. If the State transfers the responsibility of application development or support in-house or to another contractor, the new support will be responsible for purchasing the required subscriptions. Software maintenance for the 9 subscriptions will be valid for 1 year.

HPES will invoice the State for the 9 renewals through the existing invoicing process.

II-A PROBLEM STATEMENT

The purpose of this agreement is to enable HPES to have support for the 9 existing ASP.NET Developer Express, Inc. subscriptions.

II-B OBJECTIVES

Purchase annual maintenance for 9 existing ASP.NET Developer Express, Inc. subscriptions.

II-C TASKS

Purchase annual maintenance for 9 existing ASP.NET Developer Express, Inc. subscriptions.

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Product:	Annual Renewal ASP.NET Developer Express, Inc. subscriptions
Quantity:	9
Total Cost:	\$3,579.66
Invoice Dates:	July 2014

IV. Impact on Contract

Increase: \$ 0

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

V. Signatures

HP Enterprise Services, LLC. ("HPES")

By:



Robert Bartholomew

Title: East District Director, State & Local Government

Date: July 3, 2014

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 12
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Whitnie Zuker	(517) 284-7030	zukerw@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2015
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	N/A	5/30/2015
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$31,376.00		\$20,699,790.00		

Effective 8/15/2014 this contract is amended to include the following change:
 The attached Change Authorization Req. (CAR2014-005) provides authorization for HPSL to incorporate customer follow-up wildlife survey functionality into the application that houses all the relevant customer data for hunting licenses. Addition of this functionality to the Retail Sales System (RSS) application will replace a legacy standalone PowerBuilder survey tool which is no longer supported. This amendment authorizes up to 232 hours to be utilized on a time and materials basis up to the amendment amount for development of the wildlife survey. All other terms, conditions, specifications and pricing remain unchanged. Per vendor and agency agreement and DTMB Procurement approval.

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2014-005

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to estimate the modification of the RSS system to contain DNR Wildlife Survey functionality.

III-A PROBLEM STATEMENT

The current Survey functionality utilized by the State of Michigan DNR Wildlife team is written in PowerBuilder which is end of life software and no longer in the DTMB's technology direction.

III-B OBJECTIVES

Estimate the cost of enhancing the Retail Sales System to add the Survey functionality.

III-C TASKS

Adding the Survey functionality to RSS will be done in two phases. Phase 1 will be the scope of this CAR (2014-005) and will include the following tasks:

- Joint Application Design sessions between State of Michigan DNR and HP to understand the scope and high level requirements of the Survey functionality to be added to RSS
- High Level Estimate to add the Survey functionality to RSS
- Schedule to add the Survey functionality to RSS
- Estimated cost to add the Survey functionality to RSS

Phase 2 will include a separate CAR. The Phase 2 CAR will be written to cover the remaining project tasks (Requirements through implementation) to enhance RSS to include Survey functionality. This CAR (2014-005) does not include the Phase 2 tasks.

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Estimated Effort:	232 hours
Estimated Cost:	\$31,376
Invoice Dates:	June 2014 – September 2014

Total cost for CAR 2014-005 (estimated): \$ 31,376

IV. Impact on Contract

Increase: \$ 31,376

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").



By: Robert Bartholomew

Title: East District Director, State & Local Government

Date: June 2, 2014

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

By: _____

Title: _____

Title: _____

Date: _____

DNR, Program Manager

From: Rustem, Ray (DNR)
Sent: Monday, June 16, 2014 8:28 AM
To: Williams, Mildred (DNR)
Subject: RE: ITRAC RefNo C20140604-154838
Approved.

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 11
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Whitnie Zuker	(517) 284-7030	zukerw@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2015
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	N/A	5/30/2015
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$47,750.00		\$20,668,414.00		

Effective immediately this contract is amended to include the following change:
 The attached Change Authorization Req. (CAR2014-002) provides authorization for HPSL to modify the E-License and applicable batch processes for the following change requests: CR88771 create and process a Federal Duck Stamp. All other terms, conditions, specifications and pricing remain

unchanged. Per vendor and agency agreement and DTMB Procurement approval.

CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2014-002

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to modify the E-License and applicable batch processes for the following Change Requests:

- CR 88771 – Create and Process a Federal Duck Stamp

III-A PROBLEM STATEMENT

- The State of Michigan will be participating with the federal government to issue a Federal Duck Stamp

III-B OBJECTIVES

- Enhance the E-License and batch processes to create a temporary duck stamp and send the information to the federal government for processing

III-C TASKS

- Create a new PDF for E-License to support the duck stamp
- Create a new batch interface to pull the information from RSS and create the duck stamp file to be sent to the federal government
- Modify the FTP batch interface to push the duck stamp file securely to the 3rd party vendor Amplex Corporation daily.

III. Cost

**This work will be invoiced on actual time and materials.
The effort is estimated at the following:**

Estimated Effort:	382 hours
Estimated Cost:	\$47,750.00
Invoice Dates:	May 2014 – August 2014

Total cost for CAR 2014-002 (estimated):	\$ 47,750.00
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IV. Impact on Contract

Increase: \$ 47,750.00

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL")

By:


Robert Bartholomew

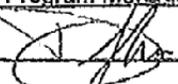
Title: District Manager, State & Local Government

Date: April 17, 2014

DTMB Contract Administrator

DNR, Program Manager

By: 

By: 

Title: DTMB PROJECT MANAGER

Title: MANAGER, LICENSING & PRESERVATIONS

Date: 4/28/14

Date: 4-28-14

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 10
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Whitnie Zuker	(517) 284-7030	zukerw@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2015
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	N/A	5/30/2015
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$0.00		\$20,620,664.00		

Effective immediately this contract is amended to include the following changes:
 The attached Change Authorization Req. (CAR2014-001) provides authorization for HPSL to modify the RSSWin, E-License, POS application, any applicable batch processes and database changes for the following change requests within a Planned Release 14.2 (See Attached). Please also note that the

buyer has been changed to Whitnie Zuker. All other terms, conditions, specifications and pricing remain unchanged. Per vendor and agency agreement and DTMB Procurement approval.

CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2014-001

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to modify the RSSWin, E-License, POS application, any applicable batch processes and database changes for the following Change Requests within a planned Release 14.2:

- CR 87173 - IE10 upgrade for RSSWin evaluation
- CR 87558 - Increase RSSWin Timeout
- CR 81662 - Automated Quota Restock
- CR 86882 - An empty Display Voidable Items auto moves user to Display Void Replace Cart
- CR 87169 - E-License/CEPAS data share
- CR 87170 - Sales Report correction of text and addition of Total for Net Sales and Replacements
- CR 87358 - Add hunt area and hunt choice to Customer Special Item Application List screen

III-A PROBLEM STATEMENT

- The State of Michigan is upgrading from Microsoft Internet Explorer 8 to Internet Explorer 10 (IE10). The RSSWin application was tested according to the requirement of ensuring the application functions using Microsoft Internet Explorer 8. The issues of using IE10 as the browser with the RSSWin application are unknown.
- The current RSSWin application allows for 30 minutes of inactivity. After 30 minutes, the user is logged out. This is causing DNR and other agencies repeated logins throughout the day.
- During the purchase of a leftover, the system decrements the available quota when the item is added to the shopping cart. If an item is removed, an order is cancelled or an order is abandoned, the quota is not restocked. This requires manual intervention on DNR to restock quota's for items designated as a leftover.
- During a POS void, if the agent voids the last available item in the catalog, the system displays an empty catalog. This is being perceived as completing the void

and the agent is abandoning the void causing customers issues and duplicate purchases (if allowed).

- During E-License purchases, when an amount is owed by the customer, the customer is redirected to CEPAS and is asked the same information on Name, Address and Email causing redundant data entry.
- The sales report generated from the POS or RSSWin Application does not display Total for Net Sales and Replacements (Net Sales + Replacements - Voids) on the report causing OSC personnel to calculate the Total Sales and Replacements. Correct the footer verbiage to display the correct total descriptions.
- When investigating application information for a customer, the users must select a row and navigate to another page to see the hunt area and hunt choice for the application.

III-B OBJECTIVES

- Identify issues in the RSSWin application related to the upgrade of IE10.
- Enhance the RSSWin application to allow for a longer timeout.
- Enhance the RSSWin system to add a hunt area and hunt choice to the Customer Special Item Application List page.
- Create a simple, fair and efficient E-License and POS buying experience
 - Enhance the RSS POS and E-License application so that quotas are restocked automatically based on abandoned orders, cancelled orders or items removed from an order.
 - Enhance the POS system to alleviate confusion for agents when voiding the last item available in the void catalog. Change the POS void flow to display the void cart after an agent voids the last voidable item in the catalog.
 - Enhance the interface between E-License and CEPAS to pass data from E-License to CEPAS removing redundant data entry by the online web customers.
 - Enhance the system to add a Total for Net Sales and Replacements field to the online and printed report for POS Sales Report and the RSSWin Sales Report and correct verbiage for incorrect footers.

III-C TASKS

- Evaluate the use of the RSSWin application using IE10 as the browser. The evaluation will include the following:
 - Compare each RSSWin screen to the design documentation
 - Functionality test 5 pages and services
 - ADA test RSSWin pages so that each type of control is tested for ADA priority 1 compliance. The controls being tested will include the following (note: not all pages will be ADA tested, only pages identified to cover the controls):
 - checkboxes
 - grids
 - radio buttons
 - reports
 - text boxes
 - One Help page including index, content and search functionality

The output of the evaluation will be an impact analysis document. No application changes are included with this change request. Any items noted in the impact statement would be part of a separate change request.

- Modify the RSSWin application to allow for a longer timeout period.
- Create a process in RSS to restock quota for items that are designated as leftover for the following situations:
 - The item was designated as a leftover and was removed from the order
 - The order was cancelled and contained an item designated as a leftover
 - The order was abandoned and contained an item designated as a leftover
 The process will restock based on the transaction timeout/CEPAS timeout.
- Modify the POS application so that when an agent voids the last item in the void catalog, the agent is directed to the Void Cart.
- Modify the interface between E-License and CEPAS so that E-License communicates the following information to CEPAS to display (CEPAS will pass nothing back to E-License):
 - First Name
 - Middle Name
 - Last Name
 - Address Line 1
 - Address Line 2
 - City
 - State
 - Country
 - Zip
 - Email
- Modify the RSSWin and POS application to add Total for Net Sales and Replacements to the Sales Report and correct footer verbiage.
- Modify the RSSWin application to include hunt area and hunt choice on the Customer Special Item Application List screen. If there are multiple hunt areas associated to one item, there will be multiple rows displayed for the same item application where the hunt area is the only information that will change.

III. Cost

This work will be invoiced on actual time and materials.

The effort is estimated at the following:

Estimated Effort:	1381 hours
Estimated Cost:	\$141,654.41
Invoice Dates:	January – May, 2014

Total cost for CAR 2014-001 (estimated): \$ 141,654.41

IV. Impact on Contract

Increase: \$0

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").

By:

Lisa P. Kigel

Title: Senior Director – East District

Date: December 19, 2013

DTMB Contract Administrator

By: [Signature]

Title: DTMB PROJECT MANAGER

Date: 1/13/2014

DNR Program Manager

By: [Signature]

Title: MANAGER LTR

Date: 1-10-14

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 9
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Steve Motz	(517) 241-3215	MotzS@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2015
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	N/A	5/30/2015
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$0.00		\$20,620,664.00		

Effective immediately this contract is amended to include the following changes:
 The attached Change Authorization Req. (CAR2013-003) provides authorization for HPSL to purchase nine (9) ASP.Net Developer Express, Inc. subscriptions for the purpose of upgrading E-License to the current version of ASP.Net Developer Express in support of RSS-11 E-License. All other terms, conditions, specifications and pricing remain

unchanged. Per vendor and agency agreement and DTMB Procurement approval.

CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2013-003

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to purchase nine (9) ASP.NET Developer Express, Inc. Subscriptions for the purpose of upgrading E-License to the current version of ASP.NET Developer Express. These subscriptions will be licensed to HPSL and used for the development and support of RSS-II E-License. The licenses will not be transferable to the State of Michigan. If the State transfers the responsibility of application development or support in-house or to another contractor, the new support will be responsible for purchasing required subscriptions. Software maintenance for the 9 subscriptions will be valid for 1 year. Continued software maintenance will be requested through a separate Change Authorization Request prior to expiration.

HPSL will invoice the State for the 9 licenses through the existing invoicing process.

Note: The cost to utilize the subscriptions is not included in this CAR. All work to integrate the new subscriptions for the E-License system will be invoiced under Time and Material for Release 14.1.

III-A PROBLEM STATEMENT

The purpose of this agreement enables HPSL to purchase the nine ASP.NET Developer Express, Inc. Subscriptions under contact #071B1300157.

III-B OBJECTIVES

Purchase the current version of ASP.NET Developer Express, Inc. software during the development of the Responsive Design E-License system to help support functionality in the new browsers that are in the marketplace.

III-C TASKS

Purchase the current version of ASP.NET Developer Express, Inc. software so that the software can be utilized during the development of the Responsive Design E-License system.

III. Cost

Product:		ASP.NET Subscription Developer Express, Inc.
Quantity	:	9
Total cost	:	\$7966.62
Invoice Dates:		September 2013

IV. Impact on Contract

Increase: \$0

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL")

By: Lisa P. Kiger
Lisa P. Kiger

Title: Senior Director-East District, S & L Gov

Date: August 21, 2013

DTMB Contract Administrator

By: [Signature]

Title: DTMB PROJECT MANAGER

Date: 8-21-13

DNR, Program Manager

By: [Signature]

Title: MANAGER LICENSING & RESERVATION

Date: 8-21-13

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

July 18, 2013

CHANGE NOTICE NO. 8
 to
CONTRACT NO. 071B1300157
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Debra Popa	debra.popa@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 627-7691	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DTMB	Denise Gruben	(517) 335-4036	GrubenD@michigan.gov
BUYER	DTMB	Steve Motz	(517) 241-3215	MotzS@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
12/7/2010	5/31/2015	5 One-Year	5/31/2015
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	N/A	5/30/2016
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$1,420,375.00		\$20,620,664.00		

Effective immediately this contract is INCREASED by \$1,420,375.00 to include the services described in attached Change Authorization Request (CAR) 2013-002. In Addition CAR 2013-001 is included which modifies changes to Contractor Resources. Please note, the primary contact for the Contractor has been changed to Debra Popa. This Change Notice is Per Administrative Board Approval on June 18, 2013.

All other terms, conditions, specifications and pricing remain unchanged.

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157
Change Authorization Request No. 2013-001

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to substitute three Key Personnel positions on the Contractor Staff.

III-A PROBLEM STATEMENT

Debra Popa will replace Jeanne Alderson as the Single Point of Contract (SPOC). Greg Flynn will replace Debra Popa as the Lead Business Analyst. Marcia Burgering will replace Susan Warner as Documentation Specialist/Technical Writer. HP has been in the process of transitioning these roles since March 4th, 2013. These Key role substitutions will officially take effect on April 15, 2013.

III-B OBJECTIVES

Provide proper transitioning of contract responsibilities and substitution of key roles.

III-C TASKS

NA.

III. Cost

NA.

IV. Impact on Contract

Increase: \$0

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157
Change Authorization Request No. 2013-002

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to modify the RSSWin, E-License, POS application, any applicable batch processes and database changes for the following Change Requests within a planned Release 14.1:

- CR 81189 – Intuitive buying experience - catalog reduction with existing business rules (E-License/POS – Implemented by March 1, 2014)
- CR 81190 – Intuitive buying experience - catalog reduction without existing business rules (E-License/POS/RSSWin – Implemented by March 1, 2014)
- CR 81742 – Create video Snippets imbedded with the POS Help Text (POS Implemented by March 1, 2014)
- CR 80828 – Responsive Design (E-License – By March 1, 2014 implementation)
- CR 85123 – License Fee Proposal and execution of POS Agent Training (E-License/POS/RSSWin – Implemented by March 1, 2014)
- CR 84065 – Change to Bobcat Tag (POS SB – Implemented by September 15, 2013)

III-A PROBLEM STATEMENT

- HB 4219 has been introduced and is expected to pass June 1, 2013. This bill reduces the number of licenses and permits that are available to the public through RSS and introduces a base item that must be purchased prior to most hunting items. The system will need to be modified by the 2014 license year to meet the requirements of the bill
- The current system does not check and enforce all purchase regulations when building a customer's catalog
 - The system shows in the catalog, the items that are on sale for that customer based on age and residency. However other purchase regulations such as purchase limit are not checked and enforced before the catalog is displayed to the customer. Currently the system does not check these types of regulations until the purchase is attempted

The system does not enforce all purchase regulations at the POS and E-License. For instance, if a customer has already purchased an annual fishing

item, the system allows other like fishing items (e.g. 24 hour fishing) to be purchased

- The current web based E-License system does not format correctly for mobile devices including tablets and smartphones, making a mobile purchasing process difficult
- The Wildlife Division is expecting Bobcat regulations to change in 2013 to include two new hunt units, E and F. These units need to be added to one of the Bobcat tags, currently item 198 (list of hunt units on the left side of printer form SB).

The license name on the 198 is configurable by DNR staff and currently reads, "BOBCAT TAG UNIT A, C or D". If Bobcat changes are approved by the NRC (up for action in June), the name will be changed to "BOBCAT UNIT A,C,D,E or F". If changes are not approved the license name would stay as it is (A C or D)

III-B OBJECTIVES

- Modify the SB form to meet the new Bobcat regulations before September 15th, 2013
- Create a simple, fair and efficient E-License and POS buying experience
 - Enhance the system so that items that are presented in the customer's RSS catalog have been filtered through existing and new purchase regulations that specifically apply to that customer, resulting in a streamlined and simplified buying experience
 - Meet the legislative requirements as defined by HB 4219
 - Train the agents, prior to the implementation of Release 14.1, so that they will be able to effectively navigate through the new POS catalog and provide better customer service
 - Allow the E-License system to be used on mobile devices including tablet and smartphone form factors

III-C TASKS

- Modify the SB form with RSS for Bobcat regulation changes
- Modify RSS to allow DNR the ability to establish new purchasing regulations
- Modify the RSS POS and E-License system to reduce the catalog for existing and new purchasing regulations
- Modify the RSS POS and E-License system purchasing regulations to verify that a customer has purchased or is purchasing a base item prior to most hunting items
- Analyze impact to response time of the catalog given the execution of multiple purchasing regulations in RSS POS and E-License. The analysis will identify purchasing regulations impacts on the transaction processing which will determine further modifications of the catalog or transaction expectation time
- Modify the E-License system to be usable on mobile devices. The following testing strategy will be used to system test on different form factors, operating systems and browsers. The most current browser will be used at the time of system testing.

* Note: Not every E-License system test case will be performed on every browser.

Form Factor	Operating System	Browser
Desktop	Windows	IE9, Chrome, Firefox, and Safari
Tablet	iOS	iOS

Tablet	Android	Default Android browser on hardware
Smartphone	iOS	iOS
Smartphone	Android	Default Android browser on hardware

- Enhance the E-License fulfillment process so that a user can receive an electronic fulfillment of the user printable purchased item
- Includes Phase 1 – Project Planning, Phase II - Requirements Verification and Validation, Phase III – Design, Phase IV – Development, Phase V – Testing, Phase VI – Implementation Phase VII – Documentation and Transition
- DNR will order, through the MMCC contract, any hardware/services/software required for the 14.1 Release for HP development (not included in the estimate of this CAR - Adobe RoboHelp 10 license, Mobile Devices, and Hot Spot Fees)
- Training - HP will provide training documentation, present POS training information to agents and DNR staff, and provide training content in POS Video Snippets in the POS Help Text
 - HP will update the Agent POS Application Training material to reflect the new POS system features and selling process resulting from Release 14.1. The updated training manual will be provided to the DNR electronically
 - HP will collect copies of any pre-Release 14.1 Agent POS Application training manuals and Agent Training DVDs from inventory warehouse and either destroy onsite (per Consumable disposal fee) or deliver to DNR prior to the Release 14.1 implementation, per DNR direction
 - HP will develop an Agent training class that will demonstrate the new POS system features and selling process resulting from Release 14.1. The class will compare the new purchase process to the current process, and convey the additional simplicity and efficiency resulting from the intuitive buying enhancements and HB 4219 License Fee Proposal
 - HP will reference relevant sections of the Agent POS Application Training manual during the demonstration so that the Agents can refer back to their manuals in the future
 - HP will reference and demonstrate relevant POS Snippet sections of the POS Help Text during the class so that Agents can refer back to the online Help in the future
 - HP will conduct one live test between December 15th 2013 and January 15th 2014, to verify the DNR's source and receiving facilities and virtual broadcast system are functional for the live classes. Content of the class will not be completed for this test
 - HP will conduct the classes live, from a single location within 30 miles from Lansing, and the class will be broadcast to multiple locations virtually
 - HP will conduct three live classes between January 15th and February 15th 2014, after DNR has completed Final Acceptance Testing of Release 14.1. The classes will be no longer than two hours each, including a 30 minute Question and Answer (Q&A) session. The instructor may use the Release 14.1 POS system to answer agent questions during the Q&A
 - The training classes will be live screen displays demonstrating sales transactions of the Release 14.1 POS system and PowerPoint slides of the current POS system. The class will have audio presentation of the instructor during the presentation

- The Agent training class will not include hands-on exercises or POS equipment at any classroom locations
- DNR will schedule the three training classes between January 15th and February 15th 2014
- HP will conduct the training classes virtually, in a demonstration mode (not hands on) to the class participants. DNR can choose how to have the class participants participate in the training, from a virtual attendance to a classroom where a virtual class is broadcast. The means of training broadcast (e.g. Simulcast), any facilities, any documentation distribution, any staff required at a particular location to manage the participants, or equipment to broadcast must be provided by DNR
- DNR may choose to record the live broadcast for future use

III. Cost

**This work will be invoiced on actual time and materials.
The effort is estimated at the following:**

Estimated Effort:	11,363 hours
Estimated Cost:	\$1,420,375.00
Invoice Dates:	June 2013 - April 2014

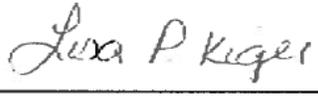
Total cost for CAR 2013-002 (estimated): \$ 1,420,375.00

IV. Impact on Contract

Increase: **\$1,420,375.00**

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").

By: 

Lisa P. Kiger

Title: District Manager, State & Local Government

Date: May 21, 2013

DTMB Contract Administrator

By: 

Title: ROBERT PARSONS
~~DTMB PROJECT MGR~~

Date: 5-21-13

DNR, Program Manager

By: 

Title: 5-21-13

Date: MANAGER LICENSING & RESERVATIONS

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48913

July 12, 2012

CHANGE NOTICE NO. 7
 To
CONTRACT NO. 071B1300157
 Between
THE STATE OF MICHIGAN
 And

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Jeanne Alderson	Jeanne.alderson@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 290-0254	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR:	DNR	Denise Gruben	(517) 335-4036	grubend@michigan.gov
BUYER:	DTMB	Steve Motz	(517)241-3215	motzs@michigan.gov

INITIAL CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL TERM	EFFECTIVE DATE	INITIAL EXPIRATION DATE	AVAILABLE OPTIONS
5 Yrs.	December 7, 2010	May 31, 2015	5, 1 Yr. Options
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:	
OPTION EXERCISED: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	IF YES, NEW EXPIRATION DATE:
<p>Effective immediately, the Contract is amended to include the following changes: The attached Change Authorization Request (CAR 2012-003) provides authorization for HPSL to provide services for planning and the scope of work for Release 4 of this Contract.</p> <p>All other terms, conditions, specifications, and pricing remain the same.</p> <p>Per vendor, agency and DTMB Purchasing Operations agreement</p>	
VALUE/COST OF CHANGE NOTICE:	\$0.00

ESTIMATED REVISED AGGREGATE CONTRACT VALUE:	\$19,200,289.00 (\$20,057,022.30-\$856,733.30)
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CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2012-003

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to provide services for planning the scope of work for Release 4 of the RSS rewrite contract.

III-A PROBLEM STATEMENT

During Release 1, 2, and 3 of the RSS rewrite contract, the DNR moved many of the enhancements requested in the original 2009 RFP to a documented list of customer service requests (CSR) for future consideration. Also during this time period of development, the DNR has identified additional enhancements that can be considered once the RSS system has been completely upgraded and Release 3 has been implemented in March of 2013.

The purpose of this agreement is to provide HP Business Analyst, Documentation Specialist, Technical Analyst, Senior Developer, and Project management services to conduct a Decision Analysis and Resolution (DAR) process that will result in a defined scope of work for Release 4 based upon DNR's identified goals and objectives.

III-B OBJECTIVES

Establish a high-level project schedule and scope of work for Release 4 that addresses DNR's top department priorities for enhancing the RSS-II system. Early preparation of this plan will allow design and development to start before Release 3 is implemented, and allow the DNR to quickly implement high-priority enhancements, possibly within the same calendar year.

III-C TASKS

Decision Analysis and Resolution is a formal decision making process used by stakeholders to formally evaluate alternatives and choose based on the one that most closely meets the solution criteria. Solution criteria typically addresses benefits (e.g.,

improves customer satisfaction, reduces operational cost, provides ROI, improves outdoor experience, improves enforcement, increases participation in untapped customer base, meets statutory requirements, addresses an audit finding, fulfills one of the department's 4 goals and/or strategic plan measurable objectives), cost (e.g., time, people effort, money), and risk (e.g., impact to existing system functions, impact to DNR program operation, technical complexity) factors.

The following steps will be conducted to establish and facilitate the DAR process and result in a project scope for Release 4.

1. Consolidation of enhancements:
 - HP will create a spreadsheet that lists known enhancements from Release 1, 2, 3, future 4 and other communicated enhancement requirements. This spreadsheet will be provided to DNR for their review.
 - Up to 16 hours of effort will be provided under Exhibit G: Application Support -Document, maintain, and report on database of Customer Service Requests
 - DNR will eliminate any enhancements that won't be considered as a valuable enhancement for RSS. This will reduce the Department's valuable resources reviewing and prioritizing ideas that do not have a perceived return on investment. DNR will identify and add any missing enhancements to the list. DNR will correct any incorrect requirements that will be moved on through the evaluation process. DNR will return the list back to HP.
2. Preparation for DAR session:
 - HP will prepare materials for DAR session and distribute to SOM DAR participants.
 - Deliverables: Agenda and DAR preparation for the DNR including examples of RSS Solution Criteria and appropriate Solution Criteria weighting. These will be provided to the DNR one week prior to the first facilitated session.
 - Effort: up to 8 hours of HP Business Analyst effort will be provided under T&M Enhancement Pool.
3. Determining DNR Business Drivers: HP will conduct a 3 hour facilitated session led by HP Business Analyst and recorded by HP documentation specialist:
 - Participants: Five DNR staff and one DTMB project manager
 - Delivered outcome:
 - Defined Solution Criteria (SC) for weighting and prioritizing Enhancements for Release 4 scope
 - Assigned ranking/weight values for each Solution Criteria
 - Identified target implementation date of Release 4.
 - Identified budget constraints of Release 4.
 - Identification of any other constraints that would impact Release 4 planning
 - Effort: 3 hours of HP Business Analyst effort and 5 hours of HP documentation specialist will be provided under T&M Enhancement Pool.

4. HP will develop a Decision Analysis ranking spreadsheet that will calculate the value of each Enhancement based upon the weighted value of each Solution Criteria developed in the facilitated session in step 3. All of the Enhancements from step 1 will be loaded into the spreadsheet with an Enhancement Number and a Short Description (see Figure 1 provided as an example).
 HP will consolidate the total list of Enhancements into the ranking spreadsheet and provide a separate electronic copy to up to 6 SOM participants. Each participant will have one week to fill out their individual SC weights for any or all CSRs, in preparation of the second facilitated session.
 - Effort: up to 8 hours of HP Business Analyst effort will be provided under T&M Enhancement Pool.

Enhancement #	Short description	SC-1	SC-2	SC-3...	Total SC weight	Avg. SC weight
1	CO field application	1	1	4	6	2
2	Print Work Order	3	3	3	9	3
3						
4						

Figure 1

Each SC will have 3 to 5 weight values assigned by the DNR. For example, if the Solution Criteria assigned by the DNR is "reduces agent help desk calls", the ranking values for this SC may be 1 = 0-10% reduction, 2 = 11-30% reduction, 5 = >30% reduction. The total SC values will be summarized to provide a weighted value, the higher the number, the higher the value of the CSR. The spreadsheet will allow sorting on any SC, the total SC weight, and the total SC average weight.

5. Prioritizing Enhancement List: 5 hour facilitated session conducted by HP Business Analyst, HP Technical Lead, and recorded by HP documentation specialist:
 - Participants: Five DNR staff and one DTMB project manager
 - Delivered outcome: Finalized list of prioritized CSRs, based on weight of the DNR Solution Criteria. Using the top valued Enhancements, DNR will inform HP which Enhancements require high level cost estimates. DNR may eliminate any Enhancements from future tracking that are determined to have little or no value to the Department.
 - 15 hours of effort of HP Business Analyst effort, HP Project Manager, and HP documentation specialist will be provided under Exhibit G: Application Support- Assist MDNR in software release planning and Provide business process consulting and requirements definition.
6. HP will record the remaining valued Enhancements as a Customer Service Request in the StarTeam tool for future tracking and consideration in future Releases.
 - Up to 16 hours of effort will be provided under Exhibit G: Application Support- Document, maintain, and report on database of Customer Service Requests

7. HP will perform a high-level estimation of effort hours for the top prioritized list from Step 5. Estimated effort hours will be provided in a range of hours from low to high. These estimates will provide DNR with all the data needed to scope Release 4 within their priorities, budget, and implementation date constraints.
 - Effort: up to 8-30 hours of senior developer effort per Enhancement will be provided under T&M Enhancement Pool.

8. Finalize Scope for Release 4: 2 hour facilitated session conducted by HP Business Analyst, HP Project Manager, and recorded by HP documentation specialist:
 - Participants: Five DNR staff and one DTMB project manager
 - Delivered outcome: Reviewed high-level estimates will produce the final list of Enhancements to be included in the Release 4 project.
 - 6 hours of HP Business Analyst effort, HP Project Manager, and HP documentation specialist effort will be provided under Exhibit G: Application Support- Assist MDNR in software release planning and Provide business process consulting and requirements definition.

III. Cost

Reserved Pool of Enhancement Time and Materials:

	SOW Step	1 7/12	2 7/12	3 7/12	4 7/12	5 7/12	6 8/12	7 8/12	8 9/12
Job Classification	Rate								
Project Manager	\$178					5 hrs			2hrs
Business Analyst	\$115	16 hrs	\$920 (8hrs)	\$345 (3 hrs)	\$920 (8hrs)	5 hrs	16 hrs		2hrs
Technical Lead	\$150					5 hrs			
Senior Developer	\$125							\$18,750 (150hrs)	
Technical Writer	\$95			\$475 (5hrs)		5hrs			2hrs
Total			\$920.00	\$820.00	\$920.00			\$18,750.00	\$21,410

Note: hours with no associated costs are covered under the current contract under Exhibit G: Application Support- Document, maintain, and report on database of Customer Service Requests.

One-Time (billed on actual Time and Materials, not to exceed estimated quote)
 Invoice Dates July 2012 – September 2012

Total cost for CAR 2012-003 (estimated) \$21,401.00

IV. Impact on Contract
 Increase: \$0

Invoiced through Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").

By: Richard A. Tonkovich
Richard A. Tonkovich

Title: District Manager, State & Local Government

Date: May 22, 2012

DTMB Project Manager
By: [Signature]
Title: DTMB PROJECT MGR
Date: 4 June 2012

DNR, Program Manager
By: [Signature]
Title: MANAGER LICENSING & RESERVATIONS
Date: 6-4-12

DTMB Purchasing Operations

By: _____
Title: _____
Date: _____

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48913

May 21, 2012

CHANGE NOTICE NO. 6
 To
CONTRACT NO. 071B1300157
 Between
THE STATE OF MICHIGAN
 And

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Hewlett-Packard State & Local Enterprise Services. Inc. 5400 Legacy Drive Plano, TX 75024	Jeanne Alderson	Jeanne.alderson@hp.com
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(517) 290-0254	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR:	DNR	Denise Gruben	(517) 335-4036	grubend@michigan.gov
BUYER:	DTMB	Steve Motz	(517)241-3215	motzs@michigan.gov

INITIAL CONTRACT SUMMARY:			
DESCRIPTION: Second Generation Retail Sales System			
INITIAL TERM	EFFECTIVE DATE	INITIAL EXPIRATION DATE	AVAILABLE OPTIONS
5 Yrs.	December 7, 2010	May 31, 2015	5, 1 Yr. Options
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
N/A	N/A	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:	
OPTION EXERCISED: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	IF YES, NEW EXPIRATION DATE: _____
<p>Effective immediately, the Contract is amended to include the following changes: The attached Change Authorization Request (CAR 2012-002) provides authorization for HPSL to decommission old Verifone Point-of-Sale terminals from March 15, 2012 to November 1, 2012. This service will integrate with the new RSS-II work order process and leverage the existing RSS-II POS support processes. After two weeks of processing on the new equipment, the legacy Verifone POS will be deactivated by the DNR. Steps will be taken to insure that all license transactions on the POS be uploaded to the RSS host, the terminal be wiped of any existing application or customer data and the device is properly removed and destroyed as described in the attached CAR. All other pricing, terms and conditions remain the same. Per vendor, agency and DTMB Purchasing Operations agreement</p>	
VALUE/COST OF CHANGE NOTICE:	\$0.00

ESTIMATED REVISED AGGREGATE CONTRACT VALUE:	\$19,200,289.00 (\$20,057,022.30-\$856,733.30)
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CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2012-002

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to provide services for fulfilling Verifone POS decommissioning work orders from March 15, 2012 to November 1, 2012.

III-A PROBLEM STATEMENT

New POS hardware is being implemented in the RSS retail agent stores starting March 2012. Agents will have the opportunity to sell licenses on the RSS legacy Verifone terminals for two weeks after they receive their new HP POS-II hardware. After two weeks, the legacy Verifone POS will be deactivated by the DNR, and will need to be decommissioned. This will require all license transactions on the POS be uploaded to the RSS host, and the terminal be wiped of any existing application or data before it is disposed. DNR is requesting a service that can integrate with the new RSS-II work order process and leverage the existing RSS-II POS support processes, since DTMB has determined they cannot provide these equipment decommissioning services.

III-B OBJECTIVES

Decommission the legacy Verifone POS hardware and ensure that all the license transactions have been captured before the hardware and consumables are safely disposed.

III-C TASKS

The following scope of work has been designed to meet DNR requirements for receiving old VeriFone units and uploading the DNR data off these units. Expected work will begin March 2012 with 200 units being decommissioned each month through November

2012, for an estimated total of 1,510 units. The following Scope of Work lists the steps within one decommission work order request:

- 1) DNR will request the decommissioning of a Verifone POS through the RSS-II Work Order system.
- 2) HPSL will supply and ship a box to the Retail Sales Agent for return of the VeriFone hardware (terminal, keyboard, and Zebra printer, and cables and power cords). The box will have a UPS label in it that the Agent will use to ship back the old equipment to the RSS-II POS maintenance warehouse.
- 3) When the hardware is received, a data upload will be performed using the 800-229-1068 phone number provided by the DNR (see Uploading Verifone OMNI3740).
- 4) Confirm with the DNR upload was successful (see Confirm Upload).
- 5) Defrag the Verifone Omni3740 to wipe off any data (see Defragging the Verifone Omni3740).
- 6) Destroy any used Zebra ribbon and receipt paper.
- 7) Visually inspect the hardware for obvious damage. Any hardware that has obvious damage will be safely disposed. All other possibly reusable hardware from the first two months of decommissioning will be saved. HPSL will store the Verifone hardware in pallets until the end of April 2012. HPSL will be paid \$25.00 per skid per month for storage of decommissioned Verifone hardware. At the end of April, DNR will sort through the Verifone hardware at the RSS-II POS maintenance warehouse and take with them any hardware that has value to the DNR's RSS legacy system. Any leftover Verifone hardware from March or April, and hardware from future decommission work orders will be disposed of in step 8.
- 8) Safely dispose of the hardware. If there is any re-sale value in the hardware that remains after April 2012, HPSL has the option to re-sell or dispose without any compensation to DNR.

Pricing, shipping, no returns, and particulars:

- The DNR will be responsible for shipping charges for the empty box the agent will ship the equipment back in and the DNR will be responsible for shipping charges to get the equipment back from the agent. HPSL will provide all shipping costs for Verifone work orders or RSS-II work orders within the single shipping monthly invoice.
- The charge for this service (steps 1 – 8) will be \$65.00 for each Verifone POS decommission work order request. There is no discount for stores with multiple units. HPSL will provide the "Verifone Pick" quantity per month to DNR within the same report that documents the quantity of RSS-II consumable picks and RSS-II hardware picks.

- Once the box is shipped to the store, the agent will be encouraged by the DNR to return the hardware within a period of 2 weeks (10 business days). HPSL is not responsible for ensuring the agent actually returns the equipment. The DNR will be charged a \$65.00 fee for any work order that HPSL acknowledges with the shipping tracking information. HPSL will only record and upload data for units returned by November 30, 2012. After two weeks of the acknowledgement of the Verifone decommission work order, the work order will be counted as a decommission pick instance and included on the monthly invoice.

The following steps for the decommission process have been provided by the DNR:

1) Uploading Verifone OMNI 3740

- Plug the analog phone line, and zebra print cable into the back of the omni 3740.
- Make sure there is stock and ribbon in the zebra printer and receipt paper in the omni 3740.
- Plug the power supply into the zebra printer and make sure there is a green light around the green form feed button on top of the printer.

- Plug the power supply into the back of the omni.
- The omni will dial the host, connect to verify the software on the terminal is current. The message that comes backs will say "approved". Press enter at this screen.
- The terminal screen will read, "loading license forms, please wait".
- After it's done loading license forms the system will read:
- "logged off", at this screen press the number 3 to log on, which will take you to the "select ID type for sale"

OR

- The system will read "select ID type for sale" press the clear key.
- At this point you should be at the "main menu".
- Select the "general menu" and then "send data"
- NOTE: When sending data, if a message appears on the screen that reads, "enter phone number the terminal is connected to" reference the spreadsheet provided to you with the agents terminal number and the phone number the terminal is connect to.
- Enter the phone number and press enter.
- The terminal will "dial", "connect" and then "upload".
- When it is done uploading, the screen will read "upload complete", "comm. complete". Once the upload is complete the terminal can be defragged, see instruction to defrag the terminal on the back page.

OR

- Once it's done "uploading" and then goes into "downloading" you can pull the power to reboot the system. Plug power cord back in terminal, it will boot up to a screen that reads, "if keyboard attached to terminal press <home> on keyboard else press <clear> on terminal". Press the "clear" key on the terminal. The terminal will dial the host to verify the software and then it will log off. Press number 3 to log on. The terminal is "deactivated, host". You have gotten the upload file and the terminal can now be defragged.

OR

- If the terminal boots up to "download needed" or "terminal deactivated, host, send data". This means the agent has already done the last upload on the terminal and the terminal should be defragged and then disposed of properly.

2) Confirm Upload

- After the upload is complete and before defragging the Verifone omni 3740 Quanta must call the DNR to verify a good upload has been received. Contact Steve Freeman at 517-335-5044, Monday through Wednesday and Friday.

3) Defragging the Verifone Omni 3740

- After uploading the terminal press the F2 and F4 button at the same time.
- The password you need to enter is 1 alpha alpha 66831 and press enter.
- You will be at "sys mode menu 1"
- Press enter to get to "sys mode menu 2"
- Select F3 "ram files"
- F2 "clear group_1"
- System mode group 1 password is, 1 alpha alpha 66831 and enter
- F4 confirm
- Select F3 "ram files"
- F3 "clear all files"
- F4 "confirm"
- Select F4 "flash files"
- F2 "clear group _1"
- F4 "confirm"
- Select F4 "flash files"
- F3 "clear all files"
- F4 "confirm"
- Select F4 "flash files"
- F4 "Defrag"
- F4 "confirm"
- The screen will then read
- "Download needed"
- "Invalid * Go Parameter"
- The terminal has been wipe clean and can be properly disposed of.

III. Cost

Services based on fee per instance, cost estimated for 1510 Verifone decommission work orders:

Estimated monthly costs based on 200 Verifone Decommissions / mo at \$65.00/WO.

Shipping estimated at \$14.00 per Work Order.

\$65 Work Order fee:

April 2012 – October 2012	Qty of 200 WO/mo	= \$ 91,000.00
November 2012	Qty of 110 WO	= \$ 7,150.00
	Total WO price	= \$98,150.00

\$14 Shipping estimate (invoice actual shipping fee):

April 2012 – October 2012	Qty of 200 WO/mo	= \$19,600.00
November 2012	Qty of 110 WO	= \$ 1,540.00
	Estimated shipping price	= \$21,140.00

\$25 skid fee: March 2012

Qty of 2 skids = \$ 50.00

\$25 skid fee: April 2012

Qty of 2 skids = \$ 50.00

Estimated skid price = \$ 100.00

Invoice Periods: April 2012 – Nov 2012

Total estimated cost for CAR 2012-002 = \$119,390.00

IV. Impact on Contract

Increase: \$0

Invoiced through Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").

By: Richard A. Jonkovich

Title: District Manager, State & Local Government

Date: February 17, 2012

DTMB Contract Administrator
[Signature]

By: _____

Title: DTMB PROJECT MGR

Date: 23 FEB 2012

DNR, Program Manager

By: [Signature]

Title: MANAGER, LICENSING & RESERVATIONS

Date: 2/23/12

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET February 7, 2012
PURCHASING OPERATIONS
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 5
TO
CONTRACT NO. 071B1300157
 (replaces 071B0200262)
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF CONTRACTOR Hewlett-Packard State & Local Enterprise Services, Inc. 5400 Legacy Drive Plano, TX 75024 Email: Jeanne.alderson@hp.com	TELEPHONE Jeanne Alderson (517) 290-0254
	CONTRACTOR NUMBER/MAIL CODE
	BUYER/CA (517) 241-3215 Steve Motz
Contract Compliance Inspector: Denise Gruben Second Generation Retail Sales System	
CONTRACT PERIOD: From: December 7, 2010 To: May 31, 2015	
TERMS <p style="text-align: center;">N/A</p>	SHIPMENT <p style="text-align: center;">N/A</p>
F.O.B. <p style="text-align: center;">N/A</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	
MISCELLANEOUS INFORMATION:	

NATURE OF CHANGE(S):

Effective immediately, the Contract is amended to include the following changes:

- Change Authorization Request (CAR) 2012-001 provides authorization for HPSL to make the necessary changes in RSS-II Release 3 to enhance the hosting solution and services to support HP Client Automation, encryption, and updated hardware specifications.

All other pricing, terms and conditions remain the same.

AUTHORITY/REASON(S):

Per vendor, agency and DTMB Purchasing Operations agreement.

TOTAL ESTIMATED CONTRACT VALUE REMAINS: \$19,200,289.00 (\$20,057,022.30 - \$856,733.30)

CHANGE AUTHORIZATION REQUEST

Contract No. **071B1300157**

Change Authorization Request No. 2012-001

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to make the necessary changes in RSS-II Release 3 to enhance the hosting solution and services to support HP Client Automation, encryption, and updated hardware specifications.

III-A PROBLEM STATEMENT

The Purpose of this agreement is to upgrade the hosting solution to current requirements and hardware specifications.

- SOM has requested database encryption through Release 3 Change Control #7. SQL2008 will be used to encrypt the database. This CAR authorizes effort to analyze, develop, test and implement the encryption process.
- The upgraded hosting design has been enhanced to provide three additional servers, OS, and hosting support services that are required to operate HP Client Automation for both production and model office/disaster recovery environments.
- The servers and networking devices have been upgraded to currently available and supported hardware (devices that were specified in 2009 are no longer appropriate).

III-B OBJECTIVES

Enhance the Release 3 RSS hosting environments with current hardware and services necessary to operate the new RSS-II application and POS network.

III-C TASKS

CAR 2012-001 Scope is in addition to the contracted hosting services already specified in the contract for Release 3. The scope will consist of ordering this hardware in February 2012, having the hosting environment built and operational ready June 2012 for development of the Release 3 Windows 2008 and SQL 2008 March 2013 implementation, and providing maintenance and support through May 2015:

Server and Network Hardware Configuration

The following tables list the hardware details the contract's original hardware list from 2009 RFP and the replacement hardware (in **bold font**) that is available for the 2012 build in Release 3:

DNRE Production Server Configurations

FUNCTION	QTY	MODEL	OS/APP	CPUS	RAM	DISK	NETWORK
RFP Web	2	Proliant DL380-G5	Windows Server 2008	2 Socket Quad Core	2 GB	2x73GB	4 FE Ports
2012 Web	2	Proliant DL380-G7	Windows Server 2008	2 Socket 6-Core	16 GB	2x300GB	4 FE Ports
RFP Application	2	Proliant DL380-G5	Windows Server 2008	2 Socket Quad Core	2 GB	2x73GB	4 FE Ports
2012 Appl	2	Proliant DL580-G7	Windows Server 2008	4 Socket 8-Core	64 GB	2x300GB	4 FE Ports
RFP DB – SQL Clustered	2	Proliant DL580-G5	Windows Server 2008 SQL 2008 MS Cluster	4 Socket Quad Core	8 GB	2x73GB 3x146GB	4 FE Ports and 2 HBA
2012 DB	2	Proliant DL580-G7	Windows Server 2008 SQL 2008 MS Cluster	2 Socket 8- Core	96 GB	2x300GB 3x300GB	4 FE Ports and 2 HBA
RFP Inquiry	1	Proliant DL580-G5	Windows Server 2008 SQL 2008	4 Socket Quad Core	8 GB	2x73GB 3x146GB	4 FE Ports
2012 Inq.	1	Proliant DL380-G7	Windows Server 2008 SQL 2008	2 Socket 6- Core	64 GB	2x300GB 3x300GB	4 FE Ports
RFP Active Directory	2	Proliant DL380-G5	Windows Server 2008	2 Socket Quad Core	2 GB	2x73GB	4 FE Ports
2012 AD	2	Proliant DL360-G7	Windows Server 2008	1 Socket 6-Core	8 GB	2x300GB	4 FE Ports
RFP Urchin	1	Proliant DL360-G5	RedHat Linux	2 Socket Quad Core	2 GB	2x73GB	4 FE Ports
2012 Urchin	1	Proliant DL360-G7	RedHat Linux	1 Socket 6- Core	6 GB	2x300GB	4 FE Ports
<i>New CA</i>	<i>2</i>	<i>Proliant DL380-G7</i>	<i>Windows Server 2008</i>	<i>1 Socket 6- Core</i>	<i>8 GB</i>	<i>2x300GB</i>	<i>4 FE Ports</i>

DNRE MO/DR Server Configurations

FUNCTION	QTY	MODEL	OS/APP	CPUS	RAM	DISK	NETWORK
RFP Web	1	Proliant DL380-G5	Windows Server 2008	2 Socket Quad Core	2 GB	2x73GB	4 FE Ports
2012 Web	1	Proliant DL380-G7	Windows Server 2008	2 Socket 6-Core	16 GB	2x300GB	4 FE Ports
RFP Application	1	Proliant DL380-G5	Windows Server 2008	2 Socket Quad Core	2 GB	2x73GB	4 FE Ports
2012 Appl.	1	Proliant DL580-G7	Windows Server 2008	4 Socket 8-Core	64 GB	2x300GB	4 FE Ports
RFP DB – SQL	1	Proliant DL580-G5	Windows Server 2008 SQL 2008	4 Socket Quad Core	8 GB	2x73GB 3x146GB	4 FE Ports and 2 HBA
2012 DB	1	Proliant DL580-G7	Windows Server 2008 SQL 2008	2 Socket 8- Core	96 GB	2x300GB 3x300GB	4 FE Ports and 2 HBA
<i>New CA</i>	<i>1</i>	<i>Proliant DL380-G7</i>	<i>Windows Server 2008</i>	<i>1 Socket 6- Core</i>	<i>8 GB</i>	<i>2x300GB</i>	<i>4 FE Ports</i>

High Availability ((Production) – HA) – Fast Ethernet

	COMPONENT	QTY	COMMENTS
RFP	Cisco 2811	1	Console Server
2012	HP A-MSR30-60	1	Console Server
RFP	Cisco ASA-5510 Firewalls	2	Internet Facing firewall GSN emark firewall
2012	CHKP HP D1 Gateway	1	Internet Facing firewall GSN emark firewall
RFP	F5 Labs 1600 LTM	2	Load Balancers
2012	F5 LTM 1600	1	Load Balancers
RFP	Cisco Catalyst 3750G-48	2	Layer 2/3 switches
2012	HP A5800-48G	1	Layer 2/3 switches

(MO/DR) – Non-HA – Fast Ethernet

	COMPONENT	QTY	COMMENTS
RFP	Cisco 2811	1	Console Server
2012	HP A-MSR30-60	1	Console Server
RFP	Cisco ASA-5510 Firewalls	1	Internet Facing firewall

			GSN emark firewall
2012	CHKP HP D1 Gateway	1	Internet Facing firewall GSN emark firewall
RFP	F5 Labs 1600 LTM	1	Load Balancers
2012	F5 LTM 1600	1	Load Balancers
RFP	Cisco Catalyst 3750G-48	1	Layer 2/3 switches
2012	HP A5800-48G	1	Layer 2/3 switches

III. Cost

Reserved Pool of Enhancement Time and Materials:

Release 3 change control #7 Database Encryption:
40 hours (technical lead @ \$150/hr) \$6,000.00

One-Time Addition to hosting set-up for new Client Automation servers:
Installation Services: \$1,187.00

Total One-Time charges: \$7,187.00
Invoice Date March 2012

Monthly Hardware, OS, Services and Maintenance for upgrades to hardware for 2012 technology and new Client Automation servers:
Monthly charges \$2,047.00 (total of \$73,692.00)
Invoice Date June 2012 – May 2015

Total cost for CAR 2012-003 \$80,879.00

IV. Impact on Contract

Increase: \$0

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").

By: _____

Title: _____

Date: _____

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET September 15, 2011
PURCHASING OPERATIONS
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 4
TO
CONTRACT NO. 071B1300157
 (replaces 071B0200262)
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF CONTRACTOR Hewlett-Packard State & Local Enterprise Services, Inc. 5400 Legacy Drive Plano, TX 75024 Email: Jeanne.alderson@hp.com	TELEPHONE Jeanne Alderson (517) 290-0254
	CONTRACTOR NUMBER/MAIL CODE
	BUYER/CA (517) 241-3215 Steve Motz
Contract Compliance Inspector: Mark Lawrence Second Generation Retail Sales System	
CONTRACT PERIOD: From: December 7, 2010 To: May 31, 2015	
TERMS <p style="text-align: center;">N/A</p>	SHIPMENT <p style="text-align: center;">N/A</p>
F.O.B. <p style="text-align: center;">N/A</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	
MISCELLANEOUS INFORMATION:	

NATURE OF CHANGE(S):

Effective immediately, the Contract is amended to include the following changes:

- Change Authorization Request (CAR) 2011-004 provides clarification and revisions to the security requirements.
- Change Authorization Request (CAR) 2011-005 provides authorization for Contractor to upgrade circuits upgraded before Verizon terminates support of their old circuits.
- Change Authorization Request (CAR) 2011-006 provides authorization for Contractor to change the subcontractor (Netarx to Quanta) for the POS maintenance services.

All other pricing, terms and conditions remain the same.

AUTHORITY/REASON(S):

Per vendor, agency and DTMB Purchasing Operations agreement.

TOTAL ESTIMATED CONTRACT VALUE REMAINS: \$19,200,289.00 (\$20,057,022.30 - \$856,733.30)

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2011-004

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) clarifies and upgrades security requirements and services for the Retail Sales System.

- The current SAS 70 audit and report services provided with RSS will be replaced with SSAE 16.
- Contractor responsibilities for personally identifiable information (PII) is further clarified.

III-A PROBLEM STATEMENT

Change to SAS 70:

SAS 70 will be effectively replaced by a new attestation standard for reporting on service organizations. Statement on Standards for Attestation Engagements (SSAE) No. 16, Reporting on Controls at a Service Organization, was issued by the Auditing Standards Board of the American Institute of Certified Public Accountants (AICPA) in April 2010. SSAE 16 effectively replaces SAS 70 as the standard for reporting on service organizations with an effective date of June 15, 2011. SSAE 16 was drafted and issued with the intention and purpose of updating the US service organization reporting standard so that it mirrors and complies with the new international service organization reporting standard – ISAE 3402.

Where "SAS 70", "SAS-70" or "SAS70" are referenced on pages 29, 40, 54, 251, 280, 281, 289, 314, 315 and 322, the references to this standard are to be changed to SSAE 16 and take effect as of June 15, 2011.

Clarify PII requirements:

The state of Michigan will not require that the current MSSQL Database be encrypted. The state of Michigan recognizes that certain data elements including names, addresses, driver license numbers and e-mail addresses are being used in a manner which may expose them to illegal use or theft while they are being transmitted; or when they are printed on materials generated by the RSS system. This exclusion of liability does not apply to any data which is obtained by an attack or theft directly from the RSS database servers.

The State of Michigan recognizes the need for and will make every effort to require encryption of PII RSS database as soon as it is technologically feasible during Release 3 of the RSS Rewrite project, once the servers have been converted to the MSSQL 2008 platform.

III-B OBJECTIVES

Clarify RSS security services.

III-C TASKS

CAR 2011-004 does not require additional effort or specific tasks to accomplish the objectives.

III. Cost

None

IV. Impact on Contract

Increase: **\$0**

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").

By: _____

Title: District Manager, State & Local Government

Date:

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157
Change Authorization Request No. 2011-005

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to make the necessary changes in Release 11.3 of the RSS-II for enhancements defined in three Change Requests.

III-A PROBLEM STATEMENT

- **CR72980 Allow bookmarks on non transaction pages**

Allow users to access CheckBearPreferencePointsOrElkChances.aspx from a bookmark. Remove code from this page that checks whether the user arrived from a bookmark. This page is the starting point for the Check Preference Points/Elk Chances process. The user has not entered any personal information yet, so there is no reason to stop users from bookmarking the page, especially since it is one of the main links on the left-hand side of the website.

- **CR65931 Transition the MI DNR dial traffic to the Verizon Transaction Services (VTS) MPLS backbone**

HP must assist in the Verizon Business Transaction Service migration from the Legacy X.25 platform to the Verizon Private IP MPLS-based platform. The migration to Verizon Private IP platform requires procurement and installation of Cisco 2811 routers and special cable to each of the existing Eicon cards installed in the Plano and Tulsa communication servers. A data center Project Manager is required for obtaining Workload Placement Approval and engineer staff scheduling for the installation. Once the new routers are installed, Verizon and HP will test and certify each new router – then a staged migration will be completed – moving only part of the service in each stage. Following the successful migration the Verilink routers and circuits will be decommissioned.

This method for agent communication is necessary until DNR completes the new POS roll-out.

- CR72664 E-License Processing Error – The file 'WebPrint/Timeout.aspx' does not exist

Prevent users from being redirected to "WebPrint/Timeout.aspx" and receiving an error message. When the user loads ReturnFromCEPAS.aspx, clear the HTTP response headers, and add a new header that disables the refresh timer. Currently, when an E-License customer using Internet Explorer (IE) completes their payment through CEPAS, they will arrive at the DisplayItemsForPrint page. If the customer pauses at this page, they are redirected to Timeout.aspx after 15 minutes. The customer then receives an error message, because Timeout.aspx does not exist.

This is caused by CEPAS's 15 minute timer. IE6, IE7, and IE8 are incorrectly caching this timer and not clearing it when leaving CEPAS. To fix this issue, we must explicitly clear the HTTP header, and add a new header. This ensures IE will stop processing the old header and process the new E-License header instead.

III-B OBJECTIVES

Implement the enhancements and Verizon communication change by September 2011 when the Verizon decommission of the legacy communication services takes place.

III-C TASKS

CAR 2011-005 Release 11.3 will require the following:

- Project Management for the application development and Verizon communication network changes
- Design for CR72980 and CR72664
- Development of CR72980 and CR72664
- Testing application of CR72980 and CR72664
- Assist in User Acceptance Testing of CR72980 and CR72664
- Configuration management of CR72980 and CR72664
- Implementation of CR72980 and CR72664
- Procurement of Cisco routers (SOM)
- Network changes and hardware changes for CR65931
- Testing for CR65931
- Decommission of old circuits for CR65931

Project schedule:

- Development of CR72980 and CR72664 – End Date: July 30, 2011
- Testing of CR72980 and CR72664 – End Date: August 10, 2011
- UAT of CR72980 and CR72664 – End Date: August 26, 2011
- Implementation of CR72980 and CR72664 – August 30, 2011
- SOM procures Cisco routers for arrival in mid-August
- Network changes and hardware changes for CR65931 - End Date: August 19, 2011

- Testing for CR65931 – August 30, 2011.
- Decommission of old circuits for CR65931 – December 1, 2011.

III. Cost

Release 11.3:
Project Management effort: 26 hrs @ \$178/hr = \$4,628
Programmer effort: 64 hrs @ \$85/hr = \$4,880
Hosting Engineer effort: 28 hrs @ \$85/hr = \$2,210

Invoice Date: September 2011

Total: \$11,428.00

IV. Impact on Contract

Increase: \$0

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2011-006

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to change the subcontractor for the POS Maintenance Provider services, modify the on-site installation service, and add a consumable skid disposal service to the RSS-II contract.

III-A PROBLEM STATEMENT

The current subcontractor planned for the POS maintenance services for Release 2 can no longer perform the services required by the RSS-II contract. A new qualified Michigan based vendor needs to be secured for these services.

On-site installation services were not a requirement of the DNR in the RFP. Analyst International suggested this offering for the rare occasion that an agent would not be able to follow the assembly instructions provided in the classroom training and the delivered training materials. On-site installation services offered in the RFP response needs to be modified to account for travel time and expenses based 2012 rates, when these services may occur.

The RFP did not request disposal services for the out-of-date consumable products stored by the POS maintenance service provided. A consumable disposal service needs to be added to the contract.

III-B OBJECTIVES

- Contract a qualified Michigan based service provider for the POS maintenance services defined in the RSS-II contract.
- Redefine on-site installation services and fees.
- Provide for disposal services of the consumables (stock, digests, posters, etc.).

III-C TASKS

Change in POS Maintenance service provider:

HPSL has pursued other qualified vendors and has successfully negotiated with Quanta Inc. from Brighton MI. Quanta is the current provider for license stock and ribbons, as well as printer maintenance for the DNR. CAR 2011-006 requests a change of POS maintenance service providers from Analyst International Corporation (with Netarx as the subcontractor) to Quanta Inc.

On-site installation services:

Instead of zone pricing, on-site installation will be offered at a rate of \$125/hr which includes travel time to and from the store destination and time in the store for trouble shooting and assembly of the POS configuration. These services will be limited to one on-site installation per week up to a total of 25 occurrences during the POS roll-out period in 2012.

Consumable Disposal service:

Add a consumable disposal service to the contract. At the end of each season, Quanta will dispose of all the out-of-season consumables except for one skid. The remaining skid will be stored and picked from to fill out-of-season work order requests until the new season begins. When the new season's consumables are shipped to Quanta, Quanta will confirm with the DNR that the last of the consumables can be discarded. For each skid of consumables discarded, the DNR will pay a disposal fee. DNR will provide HPSL and Quanta with a season schedule for each type of consumable that will be used to manage consumable disposal. Quanta will report to HPSL and DNR the number of skids disposed of per month for invoicing.

III. Cost

Consumable disposal fee: \$35/skid

Total: - estimated at 30 skids per year: \$4,200.00

On-Site Installation fee: \$125/hour

Total: - estimated maximum 25 occurrences at an average 10 hours: \$31,250.00

IV. Impact on Contract

Increase: \$0

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL")

By: _____

Title: _____

Date: _____

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

DTMB Purchasing Operations

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
PROCUREMENT & REAL ESTATE SERVICES ADMINISTRATION
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

August 17, 2011

CHANGE NOTICE NO. 3
TO
CONTRACT NO. 071B1300157
 (replaces 071B0200262)

between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR Hewlett-Packard State & Local Enterprise Services, Inc. 5400 Legacy Drive Plano, TX 75024		TELEPHONE Jeanne Alderson (517) 290-0254
		CONTRACTOR NUMBER/MAIL CODE
Email: Jeanne.alderson@hp.com		BUYER/CA (517) 241-3215 Steve Motz
Contract Compliance Inspector: Mark Lawrence Second Generation Retail Sales System		
CONTRACT PERIOD: From: December 7, 2010 To: May 31, 2015		
TERMS	N/A	SHIPMENT
		N/A
F.O.B.	N/A	SHIPPED FROM
		N/A
MINIMUM DELIVERY REQUIREMENTS N/A		
MISCELLANEOUS INFORMATION:		

NATURE OF CHANGE(S):

Effective immediately, the attached Change Authorization Request (CAR) 2011-003 provides authorization for Contractor to make the necessary changes in Release II in order to complete the required work.

All other pricing, terms and conditions remain the same.

AUTHORITY/REASON(S):

Per vendor, agency and DTMB Purchasing Operations agreement.

TOTAL ESTIMATED CONTRACT VALUE REMAINS: \$19,200,289.00 (\$20,057,022.30 - \$856,733.30)

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2011-003

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to make the necessary changes in RSS-II Release 2 to add hosting hardware and services to support HP Client Automation. The HP Client Automation software and support will be purchased separately by DNR through the MMCC. Other hardware and services being included in this CAR support POS features in Release 2 that have already been approved, but are required to allow these features to operate. This CAR does not cover any hardware, software, or services required for Release 3 hosting solution.

III-A PROBLEM STATEMENT

The Purpose of this agreement is to provide the hardware, OS, and services required to operate HP Client Automation. HP Client Automation is required for the following functions:

- 1) Managing the patches and driver updates for the Release 2 POS.
- 2) locking down the PC to prevent the Agent from loading non-RSS-II software onto the DNR's equipment.

III-B OBJECTIVES

Enhance the current RSS hosting environments with hardware and services necessary to operate the new Release 2 POS terminals.

III-C TASKS

CAR 2011-003 Scope will consist of procuring and implementing the following hardware and services, and providing maintenance and support through April 2013 (decommission of current RSS hosting environments):

Enhancements required for HP Client Automation:

Qty 1: HP DL360 G7 Server for HP CA in Model Office

- Base with 6 GB RAM, Intel E5649, 2.53GHz 6-core, 12MB cache (80w), 146 GB HDD
- MS Windows 2003 Operating System
- AOps Managed Server Services

Qty 2: HP DL360 G7 Server for HP CA in Production

- Base with 6 GB RAM, Intel E5649, 2.53GHz 6-core, 12MB cache (80w), 146 GB HDD
- MS Windows 2003 Operating System
- AOps Managed Server Services

Changes to current RSS Hosting environments required for Release 2 POS terminals:

Communication Servers Capacity

- Qty 1: Increase CPU Model Office: additional Quad Core / Intel Xeon 3.16 GHz
- Qty 1: Increase Memory: 2GB Model Office

- Qty 2: Increase CPU Production: additional Quad Core / Intel Xeon 3.16 GHz
- Qty 2: Increase Memory: 2GB Production

Additional SSL certificates to encrypt passwords between the web and the application servers

- SSL Certificate: Model Office
www.dnr-pos-test.com new SSL
www.dnr-rsswin-test.com new SSL
encryption SSL Application server new SSL
- SSL Certificate: Production
www.dnr-pos.com new SSL
www.dnr-rsswin.com new SSL
encryption SSL Application server new SSL
encryption SSL Application server new SSL

III. Cost

Reserved Pool of Enhancement Time and Materials:

One-Time:

Project Management: 22 hours	
Rate – PM (\$178/hr):	\$3,916.00
Installation Services:	\$1,187.00
Total One-Time charges:	\$5,103.00

Invoice Date September 2011

Monthly Hardware, OS, Services and Maintenance:

Monthly charges:	\$2,047.00
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Invoice Date October 2011 – April 2013

IV. Impact on Contract

Increase: \$0

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. (“HPSL”).

By: _____

Title: District Manager, State & Local Government

Date:

DTMB Contract Administrator

DNR, Program Manager

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
PROCUREMENT & REAL ESTATE SERVICES ADMINISTRATION
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

May 13, 2011

CHANGE NOTICE NO. 2
TO
CONTRACT NO. 071B1300157
 (replaces 071B0200262)
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF CONTRACTOR Hewlett-Packard State & Local Enterprise Services, Inc. 5400 Legacy Drive Plano, TX 75024		TELEPHONE Jeanne Alderson (517) 290-0254
		CONTRACTOR NUMBER/MAIL CODE
Email: Jeanne.alderson@hp.com		BUYER/CA (517) 241-3215 Steve Motz
Contract Compliance Inspector: Mark Lawrence Second Generation Retail Sales System		
CONTRACT PERIOD: From: December 7, 2010 To: May 31, 2015		
TERMS	N/A	SHIPMENT
		N/A
F.O.B.	N/A	SHIPPED FROM
		N/A
MINIMUM DELIVERY REQUIREMENTS N/A		
MISCELLANEOUS INFORMATION:		

NATURE OF CHANGE(S):

Effective immediately, the attached Change Authorization Request (CAR) 2011-002 provides authorization for Contractor to make the necessary changes in Release II in order to complete the required work.

All other pricing, terms and conditions remain the same.

AUTHORITY/REASON(S):

Per vendor, agency and DTMB Purchasing Operations agreement.

TOTAL ESTIMATED CONTRACT VALUE REMAINS: \$19,200,289.00 (\$20,057,022.30 - \$856,733.30)

CHANGE AUTHORIZATION REQUEST

Contract No. 071B1300157

Change Authorization Request No. 2011-002

I. General

This Change Authorization Request is subject to all terms and conditions of the DNR RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources (DNR).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to make the necessary changes in RSS-II to change all references in web pages and documentation from Department of Natural Resources and Environment (DNRE) to Department of Natural Resources (DNR).

III-A PROBLEM STATEMENT

The Purpose of this agreement is to change all department name references in RSS-II to Department of Natural Resources (DNR).

III-B OBJECTIVES

To change the departments name back from DNRE to DNR.

III-C TASKS

CAR 2011-002 Scope will consist developing and implementing CR70533 within Release 11.2:

- Changing all references of Department of Natural Resources and Environment (DNRE) to Department of Natural Resources (DNR) on all E-License web pages and license forms
- Changing all references of Department of Natural Resources and Environment (DNRE) to Department of Natural Resources (DNR) on in all system documentation
- Project Management for Release 11.2

III. Cost

Reserved Pool of Enhancement hours:

315 hours

Rate – Programmer (\$85/hr)

cost: \$26,775.00

Invoice Date May 2011

IV. Impact on Contract

Increase: \$0

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL").

By: _____

Title: District Manager, State & Local Government

Date:

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNR, Program Manager

By: _____

Title: _____

Date: _____

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
PROCUREMENT & REAL ESTATE SERVICES ADMINISTRATION
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

January 10, 2011

CHANGE NOTICE NO. 1
TO
CONTRACT NO. 071B1300157
 (replaces 071B0200262)
between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF CONTRACTOR Hewlett-Packard State & Local Enterprise Services, Inc. 5400 Legacy Drive Plano, TX 75024 Email: Jeanne.alderson@hp.com	TELEPHONE Jeanne Alderson (517) 290-0254
	CONTRACTOR NUMBER/MAIL CODE
	BUYER/CA (517) 241-3215 Steve Motz
Contract Compliance Inspector: Mark Lawrence Second Generation Retail Sales System	
CONTRACT PERIOD: From: December 7, 2010 To: May 31, 2015	
TERMS <p style="text-align: center;">N/A</p>	SHIPMENT <p style="text-align: center;">N/A</p>
F.O.B. <p style="text-align: center;">N/A</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	
MISCELLANEOUS INFORMATION:	

NATURE OF CHANGE(S):

Effective immediately, the attached Change Authorization Request (CAR) 2011-001 provides authorization for Contractor to make the necessary changes in Release I in order to complete the required work by the existing February 2011 implementation date.

Paragraph 3 of Article 2, Section 2.243 Liquidated Damages, is replaced by the following paragraph:

For the Unauthorized Removal of any Key Personnel designated in the applicable Statement of Work, the liquidated damages amount is \$25,000.00 per individual if the Contractor *does not receive removal approval from the State, even though the Contractor* identifies a replacement approved by the State under Section 2.060 and assigns the replacement to the Project to shadow the Key Personnel who is leaving for a period of at least 30 days before the Key Personnel's removal.

Please Note: The Contract Compliance Inspector has been changed to:

Mark Lawrence
517-241-1640
LawrenceM1@michigan.gov

All other pricing, terms and conditions remain the same.

**Contract 071B1300157
Change Notice No. 1
Page 2**

AUTHORITY/REASON(S):

Per vendor, agency and DTMB Purchasing Operations agreement.

TOTAL ESTIMATED CONTRACT VALUE: \$19,200,289.00 (\$20,057,022.30 - \$856,733.30)

CHANGE AUTHORIZATION REQUEST

Contract No. **071B0200262**

Change Authorization Request No. 2011-001

I. General

This Change Authorization Request is subject to all terms and conditions of the DNRE RSS Rewrite (RSS-II) Contract between Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL"), (formally know as Saber Software, Inc., Business Contracting Entity for HP (SABER)) and the State of Michigan. Except as expressly specified herein, all terms and conditions of the Contract shall remain in full force and effect upon execution of this request. This request is not valid until it is signed by all parties, a Contract Change Notice is issued by the Office of Purchasing, Michigan Department of Technology Management and Budget (DTMB) and a Purchase Order is issued by the DTMB representing the Department of Natural Resources and Environmental Quality (DNRE).

II. Description of Change

This Change Authorization Request (CAR) provides authorization for HPSL to make the necessary changes in Release 1 of the RSS-II project to reverse CR63999 Multi-Year and instead convert the existing 4-or-more discount feature in RSSWIN, and E-license to .NET, and implement along with the rest of RSS-II Release 1 scope that is to be delivered at the end of February 2011.

HPSL will adjust existing staff allocations that are currently working on Release 2 and shift their responsibilities back to Release 1 in order to complete the required work by the existing February 2011 implementation date. HPSL will add new staff to Release 2 and re-plan Release 2 and compress the Phase 3 and Phase 4, in order to maintain the existing implementation date of Release 2.

III-A PROBLEM STATEMENT

The Purpose of this agreement is to reverse the Multi-Year feature and include the 4-or-more feature in the Release 1 of the RSS-II rewrite.

III-B OBJECTIVES

To provide the MDNRE customers with the 4-or-more discount that the customers value.

III-C TASKS

CAR 2011-001 Scope will consist of the following:

- Reverse the changes produced in Release 11.1 of the existing RSS contract.
- Project Planning for Release 1
- Changes to Release 1 requirements to remove Multi-year and include 4-or-more
- Changes to Release 1 Design
 - Architecture
 - Dataflow

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HPSL

- o Use Cases
- o UIS
- o Service
- o Database
- Changes to Release 1 Code
- Changes to Unit Test Cases
- Additional Testing
- Project Planning for Release 2
- Training new Release 2 staff

III. Cost

Release 2 Phase 3:
cost: \$59,730
Invoice Date May 2011

Release 2 Phase 4:
cost: \$59,730
Invoice Date September 2011

Total: \$119,460

IV. Impact on Contract

Increase: \$0

Invoiced through Release 1 (Reserved pool of up to 20,000 T&M hours for future scope of work up to \$2,401,825.00)

V. Signatures

Hewlett-Packard State & Local Enterprise Services, Inc. ("HPSL")

By: Richard A. Jonkovich

Title: District Manager, State & Local Government

Date: November 15, 2010

DTMB Contract Administrator

By: _____

Title: _____

Date: _____

DNRE, Program Manager

By: [Signature]

Title: Manager Licensing & Reservations

Date: 11/15/10