STATE OF MICHIGAN
ENTERPRISE PROCUREMENT

Department of Technology, Management, and Budget
320 S. Walnut Street 2nd Floor Lansing, MI 48933
P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number **2**
to
Contract Number **MA240000000311**

CONTRACTOR	
	Resultant LLC
	115 W. Allegan St., Suite 430
	Lansing MI 48909
	John Roach
	913-240-6830
	jroach@resultant.com
	VS0153211

STATE			
	Program Manager	Various	DTMB
	Contract Administrator	Jarrod Barron	DTMB
		517-249-0406	
		BarronJ1@michigan.gov	

CONTRACT SUMMARY			
Collaborative Research Environment (Data Analytics Solution)			
INITIAL EFFECTIVE DATE	**INITIAL EXPIRATION DATE**	**INITIAL AVAILABLE OPTIONS**	**EXPIRATION DATE BEFORE**
July 1, 2024	June 30, 2029	5 - 12 Months	June 30, 2029
PAYMENT TERMS		**DELIVERY TIMEFRAME**	
Net 45		NA	
ALTERNATE PAYMENT OPTIONS		**EXTENDED PURCHASING**	
☐ P-Card ☐ Direct Voucher (PRC) ☐ Other		☒ Yes ☐ No	
MINIMUM DELIVERY REQUIREMENTS			
NA			

DESCRIPTION OF CHANGE NOTICE				
OPTION	**LENGTH OF OPTION**	**EXTENSION**	**LENGTH OF EXTENSION**	**REVISED EXP. DATE**
☐		☐		

CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE
$3,333,049.00	$22,500.00	$3,355,549.00

DESCRIPTION
Effective 3/19/2025, the parties add $22,500 for the services in the attached Project Expiration Enhancement statement of work. Further, the parties add the following language to the Contract: "**Accessibility Requirements**. The State is required to comply with the Americans with Disabilities Act of 1990 (ADA) and has adopted standards and procedures regarding accessibility requirements for websites, applications, content, and electronic documents. Due to a change in the law, the State is required to comply with specific accessibility standards for websites, applications, content and documents. Starting 4/24/2026, throughout the Term, all websites, applications, software, content, and electronic documents, including but not limited to mobile applications, text, images, sounds, videos, controls, animations, links, and documents (including files in the following formats: PDF, word processing, presentation, and spreadsheet), created, provided, or made available by the Contractor under this Contract, must comply with WCAG 2.1 Level AA." All other terms, conditions, specifications and pricing remain the same. Per Contractor, agency, and DTMB Central Procurement approval. Per Contractor, Agency, and DTMB Procurement approval. Internal State Note: Remaining Ad Board funds after this CN: $129,999.99.

Program Managers
for
Multi-Agency and Statewide Contracts

AGENCY	NAME	PHONE	EMAIL
DTMB	Kevin Doyle	517-331-0857	DoyleK4@michigan.gov
DTMB	Giget Schlyer	517-582-8330	SchlyerG@michigan.gov

STATEMENT OF WORK -
IT CHANGE NOTICE

Project Title: Collaborative Research Environment Project Expiration Enhancement	**Period of Coverage:** Same as Contract 240000000311
Requesting Department: DTMB - Michigan Center for Data and Analytics	**Date:** 2/6/2025
Agency Program Manager: Kevin Doyle	**Phone**: 517-331-0857
DTMB Program Manager: Giget Schlyer	**Phone**: 517-582-8330

BACKGROUND:
The State of Michigan – Michigan Center for Data and Analytics contracted with Resultant to deliver a Collaborative Research Environment (Contract 240000000311). This environment is a flexible, scalable data analytics environment for internal and external researchers to leverage, along with the accompanying functionality to collaborate, monitor data usage, and proactively identify potential risk introduced through usage of the data analytics environment. This solution will create a state-controlled data analytics environment for users to engage with data, rather than simply passing files for end users to analyze.

PROJECT OBJECTIVE:
In addition to delivering the Collaborative Research Environment, it has been identified that the CoRE application needs a customization to fulfill requirement 5.0 under General Solution Requirements – "Solution can set and modify timelines for project expiration." The current application has the ability to expire projects, but a feature needs to be developed to fulfill timelines. This statement of work will add timelines functionality to the existing project expiration. The change order addresses building out the calendar component on the frontend of the application, creating a function to track the set dates, and modifying the backend to receive/retain the dates.

SCOPE OF WORK:
During the current deployment of the Collaborative Research Environment, Resultant will add the following feature development to the deployment plan.

- Calendar component built into the user interface in order for Agency Manager level users to designate a specific day to expire a project on the existing project expiration page
- Database updates to retain the project expiration dates
- Creation of a new backend function to track project expiration dates which will run at 12:00 AM EST on the designated day

This infrastructure will be configured for two environments: Non-Production and Production. The Non-Production environment will serve the purpose of developing and testing the application before changes are pushed into the production environment.

Note: In the Collaborative Research Environment, a project is used to link data sets to a researcher. Expiring a project does not delete data from the system, just removes assigned users' access to that data set. This feature enables automatic adherence to data sharing agreement terms.

DELIVERABLES:
Deliverables will not be considered complete until the Agency Project Manager has formally accepted them. Deliverables for this project include:

1. Delivery of an updated CoRE application portal including the ability to set a specific date for a project to expire

PROJECT CONTROL AND REPORTS:
Same as original contract.

SPECIFIC DEPARTMENT STANDARDS:
Agency standards, if any, in addition to DTMB standards.

PAYMENT SCHEDULE:
This is a firm fixed fee statement of work. The total fee for this statement of work is **$22,500**. This statement of work will increase the Implementation Service Fees Total from **$700,040.30** to **$722,540.30**. This will not affect current production support fees.

Activity	Original Fees	Contract Change Notice 1	Contract Change Notice 2
Project Management	$105,378.75	$105,378.75	$105,378.75
Requirements Design & Validation	$97,256.25	$97,256.25	$97,256.25
Provision Environments	$205,333.00	$237,833.00	$237,833.00
Installation and Configuration	$185,962.50	$185,962.50	$185,962.50
Project Expiration Development	$0.00	$0.00	$22,500.00
Testing and Acceptance	$73,609.80	$73,609.80	$73,609.80
Implementation Service Fees Total	**$667,540.30**	$700,040.30	**$722,540.30**

Payment will be made on a Satisfactory acceptance of each deliverable basis. DTMB will pay CONTRACTOR upon receipt of properly completed invoice(s) which shall be submitted to the billing address on the State issued purchase order not more often than monthly. DTMB Accounts Payable area will coordinate obtaining Agency and DTMB Project Manager approvals. All invoices should reflect actual work completed by payment date and must be

approved by the Agency and DTMB Project Manager prior to payment. The invoices shall describe and document to the State's satisfaction a description of the work performed, the progress of the project, and fees. When expenses are invoiced, receipts will need to be provided along with a detailed breakdown of each type of expense.
Payment shall be considered timely if made by DTMB within forty-five (45) days after receipt of properly completed invoices.

EXPENSES:
The State will NOT pay for any travel expenses, including hotel, mileage, meals, parking, etc.

PROJECT CONTACTS:
The designated Agency Program Manager is:

Kevin Doyle
DTMB – Michigan Center for Data and Analytics
517-331-0857
DoyleK4@michigan.gov

The designated DTMB Program Manager is:

Giget Schyler
DTMB
Lansing, MI 48933
517-582-8330
SchlyerG@michigan.gov

AGENCY RESPONSIBILITIES:
Not Applicable. Deployment only.

LOCATION OF WHERE THE WORK IS TO BE PERFORMED:
Consultants will work at:

- Resultant remote locations.

PROJECT PLAN:
Scope to be integrated into existing timeline.

STATE OF MICHIGAN
ENTERPRISE PROCUREMENT

Department of Technology, Management, and Budget
320 S. Walnut Street 2nd Floor Lansing, MI 48933
P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number **1**
to
Contract Number **MA240000000311**

CONTRACTOR	
	Resultant LLC
	115 W. Allegan St., Suite 430
	Lansing 22 48909
	John Roach
	913-240-6830
	jroach@resultant.com
	VS0153211

STATE			
	Program Manager	Various	DTMB
	Contract Administrator	Jarrod Barron	DTMB
		517-249-0406	
		BarronJ1@michigan.gov	

CONTRACT SUMMARY			
Collaborative Research Environment (Data Analytics Solution)			
INITIAL EFFECTIVE DATE	**INITIAL EXPIRATION DATE**	**INITIAL AVAILABLE OPTIONS**	**EXPIRATION DATE BEFORE**
July 1, 2024	June 30, 2029	5 - 12 Months	June 30, 2029
PAYMENT TERMS		**DELIVERY TIMEFRAME**	
Net 45		NA	
ALTERNATE PAYMENT OPTIONS		**EXTENDED PURCHASING**	
☐ P-Card ☐ Direct Voucher (PRC) ☐ Other		☒ Yes ☐ No	
MINIMUM DELIVERY REQUIREMENTS			
NA			

DESCRIPTION OF CHANGE NOTICE				
OPTION	**LENGTH OF OPTION**	**EXTENSION**	**LENGTH OF EXTENSION**	**REVISED EXP. DATE**
☐		☐		

CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE
$3,300,549.00	$32,500.00	$3,333,049.00

DESCRIPTION

Effective 11/25/2024, the parties add $32,500.00 for the data warehouse enhancement services detailed in the attached statement of work. All other terms, conditions, specifications and pricing remain the same. Per Contractor, agency, and DTMB Central Procurement approval.

Internal State Note: Remaining Ad Board funds after this change: $217,499.99.

Program Managers
for
Multi-Agency and Statewide Contracts

AGENCY	NAME	PHONE	EMAIL
DTMB	Kevin Doyle	517-331-0857	DoyleK4@michigan.gov
DTMB	Giget Schlyer	517-582-8330	SchlyerG@michigan.gov

STATEMENT OF WORK – IT CHANGE NOTICE

Project Title: Collaborative Research Environment Data Warehouse Change Order	**Period of Coverage:** Same as Contract 240000000311
Requesting Department: DTMB - Michigan Center for Data and Analytics	**Date**: 8/30/2024
Agency Program Manager: Kevin Doyle	**Phone**: 517-331-0857
DTMB Program Manager: Giget Schlyer	**Phone**: 517-582-8330

BACKGROUND:

The State of Michigan – Michigan Center for Data and Analytics contracted with Resultant to deliver a Collaborative Research Environment (Contract 240000000311). This environment is a flexible, scalable data analytics environment for internal and external researchers to leverage, along with the accompanying functionality to collaborate, monitor data usage, and proactively identify potential risk introduced through usage of the data analytics environment. This solution will create a state-controlled data analytics environment for users to engage with data, rather than simply passing files for end users to analyze.

PROJECT OBJECTIVE:

In addition to delivering the Collaborative Research Environment, it has been identified that MCDA also needs a data warehouse and ETL (extract, transform and load) solution for persistent data storage to be used for ongoing use cases. This change order scope of work will add a cloud data warehouse and ETL solution enabling automated and recurring data ingestion of source data and create a centralized data warehouse for persistent storage. The change order addresses building out the infrastructure for all environments, configuring networking, and making sure that all net-new components are connected together and tested.

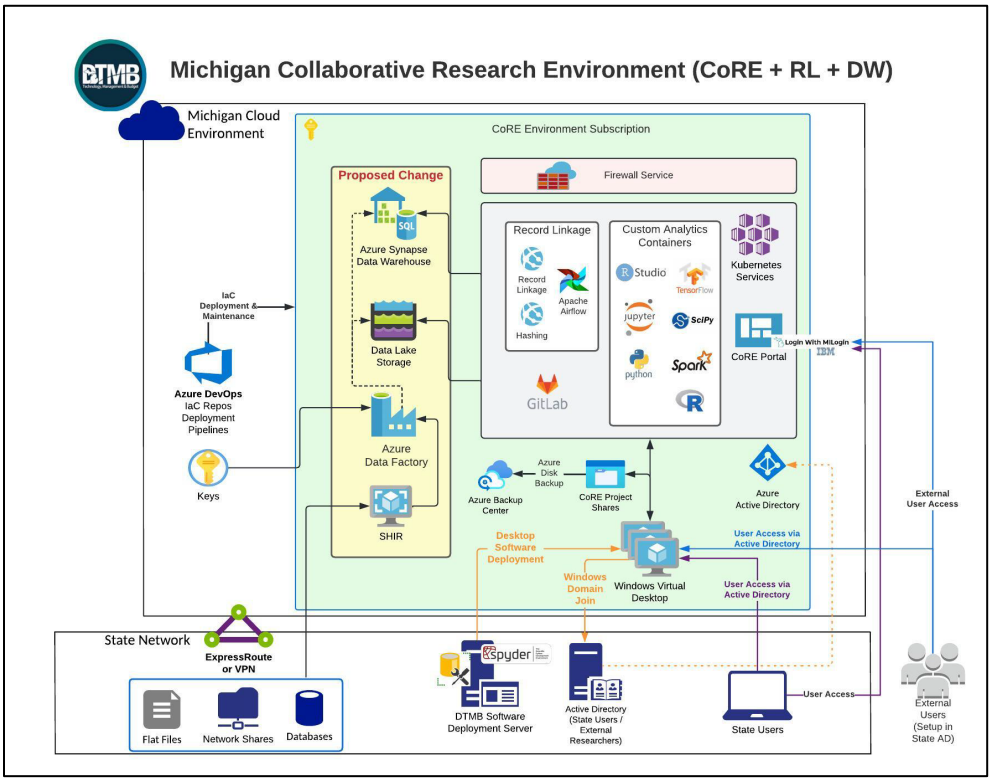
SCOPE OF WORK:

The scope of this change order is as follows:

During the current deployment of the Collaborative Research Environment, Resultant will add the following Azure infrastructure to the deployment plan.

- Azure Synapse Dedicated SQL Pool
- Azure Data Factory with Self-hosted integration runtime
- Azure Datalake Storage

This infrastructure will be configured for two environments: Non-Production and Production. The Non-Production environment will serve the purpose of developing and testing data pipelines, schema modifications, and other data operations prior to their deployment into the Production environment.



This change order statement of work is only for the deployment of the Azure infrastructure required to support MCDA data use case work in the future.

OUT OF SCOPE ITEMS:

The following activities will be addressed in a future change order upon further requirements gathering with MCDA and their use cases.

- Setup of the Synapse Warehouse and Datalake data models and security architecture
- Creation of data pipelines from source systems

TASKS:

Technical support is required to assist with the following tasks:

- Resultant will create, deploy, and maintain the Infrastructure as Code for the Data warehouse environment.
- Resultant will coordinate and collaborate with DTMB for network integration.

DELIVERABLES:

Deliverables will not be considered complete until the Agency Project Manager has formally accepted them. Deliverables for this project include:

1. Delivery of a Non-Production and Production environment with Azure Data Factory with Self-hosted integration runtime, Azure Synapse Dedicated SQL Pool, Azure Datalake Storage.

PROJECT CONTROL AND REPORTS:

Same as original contract.

SPECIFIC DEPARTMENT STANDARDS:

Agency standards, if any, in addition to DTMB standards.

PAYMENT SCHEDULE:

This is a firm fixed fee change order. The total fee for this change order is **$32,500**. This change order will increase the Provision Environments phase from **$205,333** to **$237,833**. This will not affect current production support fees.

Original Fees line items below corrected to reflect 5% discount in primary contract. The Original Fees **Total** in the primary contract reflected 5% discount but the line items did not reflect 5% discount.

Activity	Original Fees	Amended Fees
Project Management	$105,378.75	$105,378.75
Requirements Design & Validation	$97,256.25	$97,256.25
Provision Environments	$205,333.00	$237,833.00
Installation and Configuration	$185,962.50	$185,962.50
Testing and Acceptance	$73,609.80	$73,609.80
Implementation Service Fees Total	**$667,540.30**	**$700,040.30**

Payment will be made on a Satisfactory acceptance of each deliverable basis. DTMB will pay CONTRACTOR upon receipt of properly completed invoice(s) which shall be submitted to the billing address on the State issued purchase order not more often than monthly. DTMB Accounts Payable area will coordinate obtaining Agency and DTMB Project Manager approvals. All invoices should reflect actual work completed by payment date and must be approved by the Agency and DTMB Project Manager prior to payment. The invoices shall describe and document to the State's satisfaction a description of the work performed, the progress of the project, and fees. When expenses are invoiced, receipts will need to be provided along with a detailed breakdown of each type of expense.

Payment shall be considered timely if made by DTMB within forty-five (45) days after receipt of properly completed invoices.

EXPENSES:

The State will NOT pay for any travel expenses, including hotel, mileage, meals, parking, etc.

PROJECT CONTACTS:

The designated Agency Program Manager is:

Kevin Doyle
DTMB – Michigan Center for Data and Analytics
517-331-0857
DoyleK4@michigan.gov

The designated DTMB Program Manager is:

Giget Schyler
DTMB – Agency Services
517-582-8330
SchlyerG@michigan.gov

AGENCY RESPONSIBILITIES:

Not Applicable. Deployment only.

LOCATION OF WHERE THE WORK IS TO BE PERFORMED:

Consultants will work at remote Resultant locations.

PROJECT PLAN:

Scope to be integrated into existing timeline.

STATE OF MICHIGAN PROCUREMENT

Department of Technology, Management & Budget
320 S. Walnut St, Lansing, MI 48933
P.O. Box 30026, Lansing, MI 48909

NOTICE OF CONTRACT

NOTICE OF CONTRACT NO. **240000000311**
between
THE STATE OF MICHIGAN
and

CONTRACTOR	
	Resultant
	115 W. Allegan St., Suite 430
	Lansing, MI 48909
	John Roach
	913-240-6830
	jroach@resultant.com
	VS0153211

STATE			
	Program Manager	Kevin Doyle	DTMB
		517-331-0857	
		doylek4@michigan.gov	
	Contract Administrator	Jarrod Barron	DTMB
		517-249-0406	
		barronj1@michigan.gov	

CONTRACT SUMMARY			
DESCRIPTION: Collaborative Research Environment (Data Analytics Solution)			
INITIAL EFFECTIVE DATE	**INITIAL EXPIRATION DATE**	**INITIAL AVAILABLE OPTIONS**	**EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW**
7/1/2024	6/30/2029	5, 1-year	
PAYMENT TERMS		**DELIVERY TIMEFRAME**	
Net 45			
ALTERNATE PAYMENT OPTIONS			**EXTENDED PURCHASING**
☐ P-card	☐ Payment Request (PRC)	☐ Other	☒ Yes ☐ No
MINIMUM DELIVERY REQUIREMENTS			
N/A			
MISCELLANEOUS INFORMATION			
THIS IS NOT AN ORDER. This Contract Agreement is awarded on the basis of the State's inquiry bearing the solicitation number RFP 240000000378. Orders for Delivery will be issued directly by the Departments through the issuance of a Delivery Order (DO or DOIT1).			
ESTIMATED CONTRACT VALUE AT TIME OF EXECUTION			**$3,300,549.00**

FOR THE CONTRACTOR:

Company Name

Authorized Agent Signature

Authorized Agent (Print or Type)

Date

FOR THE STATE:

Signature

Name & Title

Agency

Date

SOFTWARE CONTRACT TERMS AND CONDITIONS

These Terms and Conditions, together with all Schedules (including the Statement(s) of Work), Exhibits and any other applicable attachments or addenda (Collectively this "Contract") are agreed to between the State of Michigan (the "**State**") and Resultant, LLC, ("**Contractor**"), a Indiana limited liability company. This Contract is effective on July 1, 2024 ("**Effective Date**"), and unless terminated, will expire on June 30, 2029 (the "**Term**").

This Contract may be renewed for up to 5 additional 1-year period(s). Renewal is at the sole discretion of the State and will automatically extend the Term of this Contract. The State will document its exercise of renewal options via a Change Notice.

1. Definitions. For the purposes of this Contract, the following terms have the following meanings:

"**Acceptance**" means the State's notification to Contractor that the Solution, or any part thereof, conforms to the requirements of this Contract, including the applicable Specifications and Documentation.

"**Acceptance Tests**" means such tests as may be conducted in as described in **Section 9** and any applicable Statement of Work to determine whether the Software meets the requirements of this Contract and the Documentation.

"Access" means when an individual: (1) enters a restricted or locked area, room, container, or system containing State Data; or (2) obtains, acquires, receives, examines, uses, controls (including maintaining physical or technical controls, or having the ability to modify or bypass security controls), or gains knowledge of State Data, by physical, electronic, or any other methods.

"**Affiliate**" of a Person means any other Person that directly or indirectly, through one or more intermediaries, controls, is controlled by, or is under common control with, such Person. For purposes of this definition, the term "control" (including the terms "controlled by" and "under common control with") means the direct or indirect ownership of more than fifty percent (50%) of the voting securities of a Person.

"**Allegedly Infringing Materials**" has the meaning set forth in **Section 18**.

"**Approved Third-Party Components**" means all third-party components, including Open-Source Components, that are included in or used in connection with the Software and are specifically identified by Contractor in the Contractor's Bid Response, in an

applicable Statement of Work or elsewhere in this Contract, or as otherwise required by this Contract, including without limitation as part of the State's Security Accreditation Process defined in Schedule E – Data Security Requirements.

"**Authorized Users**" means all State employees or contractors authorized by the State to access and use the Software under this Contract, subject to the maximum number of users specified in the applicable Statement of Work.

"**Business Day**" means a day other than a Saturday, Sunday or other day on which the State is authorized or required by law to be closed for business.

"**Business Requirements Specification**" means the initial specification setting forth the State's business requirements regarding the features and functionality of the Software, as set forth in a Statement of Work.

"Contract Change" has the meaning set forth in **Subsection 2.2.**

"Change Notice" means a writing executed by the parties to the Contract memorializing a change to the Contract.

"Change Proposal" has the meaning set forth in **Subsection 2.2.**

"Change Request" has the meaning set forth in **Subsection 2.2.**

"Confidential Information" has the meaning set forth in **Subsection 22.1.**

"**Configuration**" means State-specific changes made to the Software without Source Code or structural data model changes occurring.

"**Contract**" has the meaning set forth in the preamble.

"**Contract Administrator**" is the individual appointed by each party to (a) administer the terms of this Contract, and (b) approve any Change Notices under this Contract. Each party's Contract Administrator will be identified in Schedule A or subsequent Change Notices.

"**Contractor**" has the meaning set forth in the preamble.

"**Contractor's Bid Response**" means the Contractor's proposal submitted in response to the Solicitation.

"**Contractor Hosted**" means the Hosted Services and the Operating Environment are provided by Contractor or one or more of its Permitted Subcontractors.

"**Contractor Personnel**" means all employees of Contractor, or any subcontractors or Permitted Subcontractors involved in the performance of Services hereunder.

"**Contractor Pre-Existing Materials**" means all software, data, know-how, ideas, methodologies, specifications, and other technology created prior to the performance of the Services, in which Contractor owns such Intellectual Property Rights as are necessary for Contractor to grant the rights and licenses set forth in Section 7.3, and for the State (including its licensees, successors and assigns) to exercise such rights and licenses without violating any right of any third party or any law or incurring any payment obligation to any third party. Contractor Pre-Existing Materials must be identified as Contractor Pre-Existing Materials in an applicable Statement of Work.

"**Contractor Project Manager**" means the individual appointed by Contractor and identified in Schedule A or subsequent Change Notices to serve as the primary contact, to monitor and coordinate the day-to-day activities of this Contract, and to perform other duties as may be further defined in this Contract, including an applicable Statement of Work.

"**Customization**" means State-specific changes to the Software's underlying Source Code or structural data model changes.

"**Deliverables**" means the Software, Documentation, any Hardware, and all other documents and other materials that Contractor is required to or otherwise does provide to the State under this Contract and otherwise in connection with any Services, including all items specifically identified as Deliverables in a Statement of Work and all Work Product.

"Digital Accessibility Standards" means the accessibility standards provided in the SOM Digital Standards, located at https://www.michigan.gov/standards.

"Disaster Recovery Plan" refers to the set(s) of documents, instructions, and procedures which enable the Contractor to respond to accidents, disasters, emergencies, or threats without any stoppage or hindrance in its key operations and to the actions the Contractor takes to meet the Recovery Point and Recovery Time Objectives.

"**Documentation**" means all user manuals, operating manuals, technical manuals and any other instructions, specifications, documents or materials, in any form or media, that describe the functionality, installation, testing, operation, use, maintenance, support, technical or other components, features or requirements of the Deliverable.

"**DTMB**" means the Michigan Department of Technology, Management and Budget.

"**Effective Date**" has the meaning set forth in the preamble.

"**Fees**" means the fees set forth in the Pricing Schedule attached as **Schedule B**.

"**Financial Audit Period**" has the meaning set forth in **Subsection 23.1.**

"Hardware" means all computer hardware or other equipment provided by Contractor under this Contract, if any, including but not limited to any related accessories.

"**Harmful Code**" means any software, hardware or other technologies, devices or means, the purpose or effect of which is to: (a) permit unauthorized access to, or to destroy, disrupt, disable, encrypt, modify, copy, or otherwise harm or impede in any manner, any (i) computer, software, firmware, data, hardware, system or network, or (ii) any application or function of any of the foregoing or the integrity, use or operation of any data Processed thereby; or (b) prevent the State or any Authorized User from accessing or using the Solution as intended by this Contract, and includes any virus, bug, trojan horse, worm, backdoor or other malicious computer code and any time bomb or drop dead device.

"**Hosted Services**" means the hosting, management and operation of the: Operating Environment, Software, other services (including support and subcontracted services), and related resources for access and use by the State and its Authorized Users, including any services and facilities related to disaster recovery obligations.

"**Implementation Plan**" means the schedule included in a Statement of Work setting forth the sequence of events for the performance of Services under a Statement of Work, including the Milestones and Milestone Dates.

"Integration Testing" has the meaning set forth in **Section 9.**

"**Intellectual Property Rights**" means all or any of the following: (a) patents, patent disclosures, and inventions (whether patentable or not); (b) trademarks, service marks, trade dress, trade names, logos, corporate names, and domain names, together with all of the associated goodwill; (c) copyrights and copyrightable works (including computer programs), mask works and rights in data and databases; (d) trade secrets, know-how and other confidential information; and (e) all other intellectual property rights, in each case whether registered or unregistered and including all applications for, and renewals

or extensions of, such rights, and all similar or equivalent rights or forms of protection provided by applicable law in any jurisdiction throughout the world.

"**Key Personnel**" means any Contractor Personnel identified as key personnel in the Contract.

"**Loss or Losses**" means all losses, including but not limited to, damages, liabilities, deficiencies, claims, actions, judgments, settlements, interest, awards, penalties, fines, costs or expenses of whatever kind, including reasonable attorneys' fees and the costs of enforcing any right to indemnification hereunder and the cost of pursuing any insurance providers.

"**Maintenance Release**" means any update, upgrade, release or other adaptation or modification of the Software, including any updated Documentation, that Contractor may generally provide to its licensees from time to time during the Term, which may contain, among other things, error corrections, enhancements, improvements or other changes to the user interface, functionality, compatibility, capabilities, performance, efficiency or quality of the Software.

"**Milestone**" means an event or task described in the Implementation Plan under a Statement of Work that must be completed by the corresponding Milestone Date.

"**Milestone Date**" means the date by which a particular Milestone must be completed as set forth in the Implementation Plan under a Statement of Work.

"**New Version**" means any new version of the Software, including any updated Documentation, that the Contractor may from time to time introduce and market generally as a distinct licensed product, as may be indicated by Contractor's designation of a new version number.

"**Nonconformity**" or **"Nonconformities"** means any failure or failures of a Deliverable, to conform to the requirements of this Contract.

"**Open Source Components**" means any software component that is subject to any open-source copyright license agreement, including any GNU General Public License or GNU Library or Lesser Public License, or other obligation, restriction or license agreement that substantially conforms to the Open Source Definition as prescribed by the Open Source Initiative or otherwise may require disclosure or licensing to any third party of any source code with which such software component is used or compiled.

"**Operating Environment**" means, collectively, the platform, environment and conditions on, in or under which the Software is intended to be installed and operate, as set forth in a Statement of Work, including such structural, functional and other features, conditions and components as hardware, operating software, system architecture, configuration, computing hardware, ancillary equipment, networking, software, firmware, databases, data, and electronic systems (including database management systems).

"PAT" means a document or product accessibility template, including any Information Technology Industry Council Voluntary Product Accessibility Template or VPAT®, that specifies how information and software products, such as websites, applications, software and associated content, conform to the Digital Accessibility Standards.

"**Permitted Subcontractor**" means any third party hired by Contractor to perform Services for the State under this Contract or that will have Access to or have the ability to control access to State Data or both.

"**Person**" means an individual, corporation, partnership, joint venture, limited liability company, governmental authority, unincorporated organization, trust, association, or other entity.

"**Pricing Schedule**" means the schedule attached as **Schedule B.**

"Process" means to perform any operation or set of operations on any data, information, material, work, expression or other content, including to (a) collect, receive, input, upload, download, record, reproduce, store, organize, combine, log, catalog, cross-reference, manage, maintain, copy, adapt, alter, translate or make other improvements or derivative works, (b) process, retrieve, output, consult, use, disseminate, transmit, submit, post, transfer, disclose or otherwise provide or make available, or (c) block, erase or destroy. **"Processing"** and **"Processed"** have correlative meanings.

"**Representatives**" means a party's employees, officers, directors, partners, shareholders, agents, attorneys, successors and permitted assigns.

"**RFP**" means the State's request for proposal designed to solicit responses for Services under this Contract.

"**Services**" means any of the services, including but not limited to, Hosted Services, installation, configuration, implementation, and/or Support Services, that the Contractor is required to or otherwise does provide under this Contract.

"**Service Level Agreement**" means the schedule attached as **Schedule D**, setting forth the Support Services Contractor will provide to the State, and the parties' additional rights and obligations with respect thereto.

"**Site**" means any physical location(s) designated by the State in, or in accordance with, this Contract or a Statement of Work for delivery and installation of the Deliverable, if applicable.

"**Software**" means Contractor's software as set forth in a Statement of Work, and any Approved Third-Party Components, Maintenance Releases or New Versions provided to the State and any Customizations or Configurations made by or for the State pursuant to this Contract, and all copies of the foregoing permitted under this Contract.

"Solution" means Deliverables and Services singularly or in any combination thereof, as applicable, set forth in a Statement of Work.

"**Source Code**" means the human readable source code of the Software to which it relates, in the programming language in which the Software was written, together with all related flow charts and technical documentation, including a description of the procedure for generating object code, all of a level sufficient to enable a programmer reasonably fluent in such programming language to understand, build, operate, support, maintain and develop modifications, upgrades, updates, adaptations, enhancements, new versions and other derivative works and improvements of, and to develop computer programs compatible with, the Software.

"**Specifications**" means, for the Software, the specifications collectively set forth in the Business Requirements Specification, Technical Specification, Documentation, Solicitation or Contractor's Bid Response, if any, for such Software, or elsewhere in a Statement of Work.

"**State**" means the State of Michigan.

"**State Data**" has the meaning set forth in **Section 21.**

"**State Hosted**" means the Operating Environment is not provided by Contractor or one or more of its Permitted Subcontractors.

"**State Materials**" means all materials and information, including but not limited to documents, data, know-how, ideas, methodologies, specifications, software, hardware,

content and technology, in any form or media, directly or indirectly provided or made available to Contractor by or on behalf of the State in connection with this Contract.

"State Program Managers" are the individuals appointed by the State, or their designees, to (a) monitor and coordinate the day-to-day activities of this Contract; (b) co-sign off on Acceptance of the Deliverables; and (c) perform other duties as may be specified in a Statement of Work. Program Managers will be identified in Schedule A or subsequent Change Notices.

"State Systems" means the information technology infrastructure, including the computers, software, databases, electronic systems (including database management systems) and networks, of the State or any of its designees.

"**Statement of Work**" means any statement of work entered into by the parties and incorporated into this Contract. The initial Statement of Work is attached as **Schedule A**.

"**Stop Work Order**" has the meaning set forth in **Section 15.**

"**Support Services**" means the maintenance and support services Contractor is required to or otherwise does provide to the State under the Service Level Agreement.

"System" has the meaning set forth in **Schedule I**.

"System Acceptance" has the meaning set forth in **Schedule I**.

"System Integration Testing" has the meaning set forth in **Schedule I**.

"**Technical Specification**" means, with respect to any Software, the document setting forth the technical specifications for such Software and included in a Statement of Work.

"**Term**" has the meaning set forth in the preamble.

"**Testing Period**" has the meaning set forth in **Section 9.**

"**Transition Period**" has the meaning set forth in **Section 16.**

"**Transition Responsibilities**" has the meaning set forth in **Section 16.**

"**Unauthorized Removal**" has the meaning set forth in **Subsection 2.5.**

"**Unauthorized Removal Credit**" has the meaning set forth in **Subsection 2.5.**

"**User Data**" means all data, information and other content of any type and in any format, medium or form, whether audio, visual, digital, screen, GUI or other, that is input, uploaded to, placed into or collected, stored, Processed, generated or output by any device, system or network by or on behalf of the State, including any and all works, inventions, data, analyses and other information and materials resulting from any use of the Software by or on behalf of the State under this Contract, including information that identifies the State devices or equipment and any location information even if not input by a user except that User Data does not include the Software or data, information or content, including any GUI, audio, visual or digital or other display or output, that is generated automatically upon executing the Software without additional user input without the inclusion of user derived information or additional user input, with the exception of any identifying information.

"**Warranty Period**" means the 90 calendar-day period commencing on the date of the State's Acceptance of the Software or System (if Contractor is providing Hardware under this Contract) for which Support Services are provided free of charge.

"**Work Product**" means everything made or created by Contractor specifically and solely for the State and which is not generally available to Contactor's other customers that Contractor is required to, or otherwise does, provide to the State under this Contract including but not limited to Customizations, application programming interfaces, computer scripts, macros, user interfaces, reports, project management documents, forms, templates, and other State-specific documents and related materials together with all ideas, concepts, processes, and methodologies developed in connection with this Contract whether or not embodied in this Contract.

2. Duties of Contractor. Contractor will provide the Solution pursuant to Statement(s) of Work entered into under this Contract. Contractor will provide the Solution in a timely, professional manner and in accordance with the terms, conditions, and Specifications set forth in this Contract and the Statement(s) of Work.

2.1 Statement of Work Requirements. No Statement of Work will be effective unless signed by each party's Contract Administrator. The term of each Statement of Work will commence on the parties' full execution of a Statement of Work and terminate when the parties have fully performed their obligations. The terms and conditions of this Contract will apply at all times to any Statements of Work entered into by the parties and incorporated into this Contract. The State will have the right to terminate such Statement of Work as set forth in **Section 16.** Contractor acknowledges that time is of the essence with respect to Contractor's obligations under each Statement of Work and agrees that prompt and timely performance of

all such obligations in accordance with this Contract and the Statements of Work (including the Implementation Plan and all Milestone Dates) is strictly required.

2.2 Change Control Process. The State may at any time request in writing (each, a "**Change Request**") changes to the Contract, including without limitation changes to the Solution or adding a new Statement of Work (each, a "**Contract Change**"). Upon the State's submission of a Change Request, the parties will evaluate and implement all Changes in accordance with this Section**.**

(a) As soon as reasonably practicable, and in any case within 20 Business Days following receipt of a Change Request, Contractor will provide the State with a written proposal for implementing the requested Change ("**Change Proposal**"), setting forth:

(i) a written description of the proposed Changes to any part of the Solution;

(ii) an amended Implementation Plan reflecting: (A) the schedule for commencing and completing any addition or modification to the Solution; and (B) the effect of such Changes, if any, on completing any other Services under a Statement of Work;

(iii) any additional State Resources Contractor deems necessary to carry out such Changes; and

(iv) any increase or decrease in Fees resulting from the proposed Changes, which increase, or decrease will reflect only the increase or decrease in time and expenses Contractor requires to carry out the Change.

(b) Within 30 Business Days following the State's receipt of a Change Proposal, the State will by written notice to Contractor, approve, reject, or propose modifications to such Change Proposal. If the State proposes modifications, Contractor must modify and re-deliver the Change Proposal reflecting such modifications, or notify the State of any disagreement, in which event the parties will negotiate in good faith to resolve their disagreement. Upon the State's approval of the Change Proposal or the parties' agreement on all proposed modifications each parties' Contractor Administrator will sign a Change Notice**.**,

(c) However, if the parties fail to enter into a Change Notice within 15 Business Days following the State's response to a Change Proposal, the State may, in its discretion:

(i) require Contractor to perform or provide the Solution under the existing Statement of Work without the Change;

(ii) require Contractor to continue to negotiate a Change Notice;

(iii) initiate a Dispute Resolution Procedure; or

(iv) notwithstanding any provision to the contrary in a Statement of Work, terminate this Contract under **Subsection 16.1**.

(d) No Change will be effective until the parties have executed a Change Notice. Notwithstanding the foregoing, no Change Notice executed after the Effective Date will construed to amend or modify this Contract in any way, unless it specifically states its intent to do so and cites the section or sections amended. Except as the State may request in its Change Request or otherwise in writing, Contractor must continue to perform its obligations in accordance with a Statement of Work pending negotiation and execution of a Change Notice. Contractor will use its best efforts to limit any delays or Fee increases from any Change to those necessary to perform the Change in accordance with the applicable Change Notice. Each party is responsible for its own costs and expenses of preparing, evaluating, negotiating, and otherwise processing any Change Request, Change Proposal, and Change Notice.

(e)The performance of any functions, activities, tasks, obligations, roles and responsibilities comprising the Solution as described in this Contract are considered part of the Solution and, thus, will not be considered a Change. This includes the delivery of all Deliverables in accordance with their respective Specifications, and the diagnosis and correction of Nonconformities discovered in Deliverables prior to their Acceptance by the State or, subsequent to their Acceptance by the State, as necessary for Contractor to fulfill its associated warranty requirements and its Support Services under this Contract.

(f) Contractor may, on its own initiative and at its own expense, prepare and submit its own Change Request to the State. However, the State will be under no obligation to approve or otherwise respond to a Change Request initiated by Contractor.

2.3 Contractor Personnel.

(a) Contractor is solely responsible for all Contractor Personnel and for the payment of their compensation, including, if applicable, withholding of income taxes, and the payment and withholding of social security and other payroll

taxes, unemployment insurance, workers' compensation insurance payments and disability benefits.

(b) Prior to any Contractor Personnel performing any Services, Contractor will:

(i) ensure that such Contractor Personnel have the legal right to work in the United States;

(ii) upon request, require such Contractor Personnel to execute written agreements, in form and substance acceptable to the State, that bind such Contractor Personnel to confidentiality provisions that are at least as protective of the State's information (including all Confidential Information) as those contained in this Contract; and

(iii) upon request, or as otherwise specified in a Statement of Work, perform background checks on all Contractor Personnel prior to their assignment. The scope is at the discretion of the State and documentation must be provided as requested. Contractor is responsible for all costs associated with the requested background checks. The State, in its sole discretion, may also perform background checks. Pursuant to Michigan law, all agencies subject to IRS Pub. 1075 are required to ask the Michigan State Police to perform fingerprint background checks on all employees, including Contractor and subcontractor employees, who may have Access to any database of information maintained by the federal government that contains confidential or personal information, including, but not limited to, federal tax information. Further, pursuant to Michigan law, any agency described above is prohibited from providing Contractors or subcontractors with the result of such background check. For more information, please see Michigan Public Act 427 of 2018.

(c) Contractor and all Contractor Personnel will comply with all rules, regulations, and policies of the State that are communicated to Contractor in writing, including security procedures concerning systems and data and remote access, building security procedures, including the restriction of access by the State to certain areas of its premises or systems, and general health and safety practices and procedures.

(d) The State reserves the right to require the removal of any Contractor Personnel found, in the judgment of the State, to be unacceptable. The State's request must be written with reasonable detail outlining the reasons for the removal request. Replacement personnel for the removed person must be fully

qualified for the position. If the State exercises this right, and Contractor cannot immediately replace the removed personnel, the State agrees to negotiate an equitable adjustment in schedule or other terms that may be affected by the State's required removal.

2.4 Contractor Project Manager. Throughout the Term of this Contract, Contractor must maintain a Contractor employee acceptable to the State to serve as Contractor Project Manager, who will be considered Key Personnel of Contractor.

(a) Contractor Project Manager must:

(i) have the requisite authority, and necessary skill, experience, and qualifications, to perform in such capacity;

(ii) be responsible for overall management and supervision of Contractor's performance under this Contract; and

(iii) be the State's primary point of contact for communications with respect to this Contract, including with respect to giving and receiving all day-to-day approvals and consents.

(b) Contractor Project Manager must attend all regularly scheduled meetings as set forth in the Implementation Plan and will otherwise be available as set forth in a Statement of Work.

(c) Contractor will maintain the same Contractor Project Manager throughout the Term of this Contract, unless:

(i) the State requests in writing the removal of Contractor Project Manager; or

(ii) the State consents in writing to any removal requested by Contractor in writing; or

(iii) the Contractor Project Manager ceases to be employed by Contractor, whether by resignation, involuntary termination or otherwise.

(d) Upon the occurrence of any event set forth in **Subsections 2.4(c)(i-iii)** above, Contractor will promptly replace its Contractor Project Manager**.** Such replacement will be subject to the State's prior written approval.

2.5 Contractor's Key Personnel.

(a) The State has the right to recommend and approve in writing the initial assignment, as well as any proposed reassignment or replacement, of any Key Personnel. Before assigning an individual to any Key Personnel position, Contractor will notify the State of the proposed assignment, introduce the individual to the State Program Managers or their designees, and provide the State with a resume and any other information about the individual reasonably requested by the State. The State reserves the right to interview the individual before granting written approval. In the event the State finds a proposed individual unacceptable, the State will provide a written explanation including reasonable detail outlining the reasons for the rejection.

(b) Contractor will not remove any Key Personnel from their assigned roles on this Contract without the prior written consent of the State. The Contractor's removal of Key Personnel without the prior written consent of the State is an unauthorized removal ("**Unauthorized Removal**"). An Unauthorized Removal does not include replacing Key Personnel for reasons beyond the reasonable control of Contractor, including illness, disability, leave of absence, personal emergency circumstances, resignation, or for cause termination of the Key Personnel's employment. Any Unauthorized Removal may be considered by the State to be a material breach of this Contract.

(c) It is further acknowledged that an Unauthorized Removal will interfere with the timely and proper completion of this Contract, to the loss and damage of the State, and that it would be impracticable and extremely difficult to determine and remedy the actual damage sustained by the State as a result of any Unauthorized Removal. Therefore, Contractor and the State agree that in the case of any Unauthorized Removal in respect of which the State does not elect to exercise its rights under **Section 16**, Contractor will issue to the State an amount equal to $25,000 per individual (each, an "**Unauthorized Removal Credit**").

(d) Contractor acknowledges and agrees that each of the Unauthorized Removal Credits assessed under **Subsection 2.5(c)** above: (i) is a reasonable estimate of and compensation for the anticipated or actual harm to the State that may arise from the Unauthorized Removal, which would be impossible or very difficult to accurately estimate; and (ii) may, at the State's option, be credited or set off against any Fees or other charges payable to Contractor under this Contract.

2.6 Subcontractors. Contractor must obtain prior written approval of the State, which consent may be given or withheld in the State's sole discretion, before

engaging any Permitted Subcontractor to provide Services to the State under this Contract. Engagement of any subcontractor or Permitted Subcontractor by Contractor does not relieve Contractor of its representations, warranties or obligations under this Contract. Without limiting the foregoing, Contractor will:

(a) be responsible and liable for the acts and omissions of each such subcontractor (including such Permitted Subcontractor and Permitted Subcontractor's employees who, to the extent providing the Solution, will be deemed Contractor Personnel) to the same extent as if such acts or omissions were by Contractor or its employees;

(b) be responsible for all fees and expenses payable to, by or on behalf of each subcontractor and Permitted Subcontractor in connection with this Contract, including, if applicable, withholding of income taxes, and the payment and withholding of social security and other payroll taxes, unemployment insurance, workers' compensation insurance payments and disability benefits; and

(c) notify the State of the location of the Permitted Subcontractor and indicate if it is located within the United States.

3. Notices. All notices and other communications required or permitted under this Contract must be in writing and will be considered given and received: (a) when verified by written receipt if sent by courier; (b) when received if sent by mail without verification of receipt; or (c) when verified by automated receipt or electronic logs if sent by facsimile or email.

If to State:	If to Contractor:
[Name] [Street Address] [City, State, Zip] [Email] [Phone]	[Name] [Street Address] [City, State, Zip] [Email] [Phone]

4. Insurance. Contractor must maintain the minimum insurances identified in the Insurance Schedule attached as **Schedule C**.

5. Terms of Use of the Software.

5.1 Reserve

5.1 License. Contractor hereby grants to the State and its Authorized Users a non-exclusive, royalty-free, revocable (but only if the State materially breaches the terms of **Sections 5.1** and **5.2**), right and license during the Term to use

and reproduce the Software and Documentation in accordance with the terms and conditions of this Contract, provided that:

(a) The State is prohibited from reverse engineering or decompiling the Software, making derivative works, modifying, adapting or copying the Software except as is expressly permitted by this Contractor or required to be permitted by law;

(b) The State is authorized to make copies of the Software for backup, disaster recovery, and archival purposes;

(c) The State is authorized to make copies of the Software to establish a test environment to conduct Acceptance Testing; and

(d) Except as expressly agreed in writing, the State is not permitted to sub-license the use of the Software or any accompanying Documentation.

5.2 **Restrictions**. The State will not: (a) rent, lease, lend, sell, sublicense, assign, distribute, publish, transfer or otherwise make the Software available to any third party, except as expressly permitted by this Contract or in any Statement of Work; or (b) use or authorize the use of the Software or Documentation in any manner or for any purpose that is unlawful under applicable Law.

5.3 **Fees**. The State will pay Contractor the corresponding Fees set forth in a Statement of Work or Pricing Schedule for all Authorized Users access and use of the Software. Such Fees will be Contractor's sole and exclusive remedy for use of the Software, including any excess use.

5.4 **Certification**. To the extent that a License granted to the State is not unlimited, Contractor may request written certification from the State regarding use of the Software for the sole purpose of verifying compliance with this **Section.** Such written certification may occur no more than once in any 24 month period during the Term of the Contract. The State will respond to any such request within 45 calendar days of receipt. If the State's use is greater than contracted, Contractor may invoice the State for any unlicensed use (and related support) pursuant to the terms of this Contract at the rates set forth in **Schedule B**, and the unpaid license and support fees shall be payable in accordance with the terms of the Contract. Payment under this provision shall be Contractor's sole and exclusive remedy to cure these issues.

5.5 **State License Grant to Contractor**. The State hereby grants to Contractor a limited, non-exclusive, non- transferable license (i) to use the State's (or individual

agency's, department's or division's) name, trademarks, service marks or logos, solely in accordance with the State's specifications, and (ii) to display, reproduce, distribute and transmit in digital form the State's (or individual agency's, department's or division's) name, trademarks, service marks or logos in connection with promotion of the Services as communicated to Contractor by the State. Use of the State's (or individual agency's, department's or division's) name, trademarks, service marks or logos will be specified in the applicable Statement of Work**.** Contractor is provided a limited license to State Materials for the sole and exclusive purpose of providing the Services.

6. Third-Party Components. At least 30 days prior to adding new third-party components, Contractor will provide the State with notification information identifying and describing the addition. Throughout the Term, on an annual basis, Contractor will provide updated information identifying and describing any third-party components included in the Software. Contractor is responsible for ensuring that all Approved Third-Party Components are properly licensed for the State's use.

7. Intellectual Property Rights

7.1 Ownership Rights in Software

(a) For purposes of this **Section 7** only, the term "Software" does not include Customizations.

(b) Subject to the rights and licenses granted by Contractor in this Contract and the provisions of **Subsection 7.1(c):**

(i) Contractor reserves and retains its entire right, title and interest in and to all Intellectual Property Rights arising out of or relating to the Software; and

(ii) none of the State or Authorized Users acquire any ownership of Intellectual Property Rights in or to the Software or Documentation as a result of this Contract.

(c) As between the State, on the one hand, and Contractor, on the other hand, the State has, reserves and retains, sole and exclusive ownership of all right, title and interest in and to State Materials, User Data, including all Intellectual Property Rights arising therefrom or relating thereto.

7.2 The State is and will be the sole and exclusive owner of all right, title, and interest in and to all Work Product developed exclusively for the State under this Contract, including all Intellectual Property Rights. In furtherance of the foregoing:

(a) Contractor will create all Work Product as work made for hire as defined in Section 101 of the Copyright Act of 1976; and

(b) to the extent any Work Product, or Intellectual Property Rights do not qualify as, or otherwise fails to be, work made for hire, Contractor hereby:

(i) assigns, transfers, and otherwise conveys to the State, irrevocably and in perpetuity, throughout the universe, all right, title, and interest in and to such Work Product, including all Intellectual Property Rights; and

(ii) irrevocably waives any and all claims Contractor may now or hereafter have in any jurisdiction to so-called "moral rights" or rights of *droit moral* with respect to the Work Product.

7.3 Contractor Pre-Existing Materials License. Ownership of all Contractor Pre-Existing Materials, including all Intellectual Property Rights therein, is and will remain with Contractor, subject to the following licenses:

(a) Contractor hereby grants to the State such rights and licenses with respect to the Contractor Pre-Existing Materials that will allow the State to use and otherwise exploit perpetually throughout the universe for all or any purposes whatsoever the Work Product, to the same extent as if the State owned the Contractor Pre-Existing Materials, without incurring any fees or costs to Contractor (other than the Fees set forth under this Contract) or any other person in respect of the Contractor Pre-Existing Materials. In furtherance of the foregoing, such rights and licenses will:

i. be irrevocable, perpetual, fully paid-up and royalty-free;

ii. include the rights to use, reproduce, perform (publicly or otherwise), display (publicly or otherwise), modify, improve, create derivative works of, distribute, import, make, have made, sell and offer to sell the Contractor Pre-Existing Materials, including all such modifications, improvements and derivative works thereof, solely as part of, or as necessary to use and exploit, the Work Product; and

iii. be freely assignable and sublicensable, in each case solely in connection with the assignment or licensing of the Work Product or any portion, modification, or derivative work thereof, and only to the extent

necessary to allow the assignee or sublicensee, as the case may be, to use and exploit the Work Product or portion, modification, improvement, or derivative work thereof.

8. Software Implementation.

8.1 Implementation. Contractor will as applicable; deliver, install, configure, integrate, and otherwise provide and make fully operational the Software on or prior to the applicable Milestone Date in accordance with the criteria set forth in a Statement of Work and the Implementation Plan.

8.2 Site Preparation. Unless otherwise set forth in a Statement of Work, Contractor is responsible for ensuring the relevant Operating Environment is set up and in working order to allow Contractor to deliver and install the Software on or prior to the applicable Milestone Date. Contractor will provide the State with such notice as is specified in a Statement of Work, prior to delivery of the Software to give the State sufficient time to prepare for Contractor's delivery and installation of the Software. If the State is responsible for Site preparation, Contractor will provide such assistance as the State requests to complete such preparation on a timely basis.

9. Software Acceptance Testing.

9.1 Acceptance Testing.

(a) Unless otherwise specified in a Statement of Work, upon installation of the Software, or in the case of Contractor Hosted Software, when Contractor notifies the State in writing that the Solution is ready for use, Acceptance Tests will be conducted as set forth in this **Section 9** to ensure the Software conforms to the requirements of this Contract, including the applicable Specifications and Documentation.

(b) All Acceptance Tests will take place at the designated Site(s) in the Operating Environment described in a Statement of Work, commence on the Business Day following installation of the Software, or the receipt by the State of the notification referenced in **Subsection 9.1(a)**, and be conducted diligently for up to 30 Business Days, or such other period as may be set forth in a Statement of Work (the "**Testing Period**"). Acceptance Tests will be conducted by the party responsible as set forth in a Statement of Work or, if a Statement of Work does not specify, the State, provided that:

(i) for Acceptance Tests conducted by the State, if requested by the State, Contractor will make suitable Contractor Personnel available to observe or participate in such Acceptance Tests; and

(ii) for Acceptance Tests conducted by Contractor, the State has the right to observe or participate in all or any part of such Acceptance Tests.

9.2 Contractor is solely responsible for all costs and expenses related to Contractor's performance of, participation in, and observation of Acceptance Testing.

(a) Upon delivery and installation of any application programming interfaces, Configuration or Customizations, or any other applicable Work Product, to the Software under a Statement of Work, additional Acceptance Tests will be performed on the modified Software as a whole to ensure full operability, integration, and compatibility among all elements of the Software ("**Integration Testing**"). Integration Testing is subject to all procedural and other terms and conditions set forth in this **Section**.

(b) The State may suspend Acceptance Tests and the corresponding Testing Period by written notice to Contractor if the State discovers a material Nonconformity in the tested Software or part or feature of the Software. In such event, Contractor will immediately, and in any case within 10 Business Days, correct such Nonconformity, whereupon the Acceptance Tests and Testing Period will resume for the balance of the Testing Period.

9.3 Notices of Completion, Non-Conformities, and Acceptance. Within 15 Business Days following the completion of any Acceptance Tests, including any Integration Testing, the party responsible for conducting the tests will prepare and provide to the other party written notice of the completion of the tests. Such notice must include a report describing in reasonable detail the tests conducted and the results of such tests, including any uncorrected Nonconformity in the tested Software.

(a) If such notice is provided by either party and identifies any Nonconformities, the parties' rights, remedies, and obligations will be as set forth in **Subsection 9.4** and **Subsection 9.5.**

(b) If such notice is provided by the State, is signed by the State Program Managers or their designees, and identifies no Nonconformities, such notice constitutes the State's Acceptance of such Software.

(c) If such notice is provided by Contractor and identifies no Non-Conformities, the State will have 30 Business Days to use the Software in the Operating Environment and determine, in the exercise of its sole discretion, whether it is satisfied that the Software contains no Nonconformities, on the completion of which the State will, as appropriate:

(i) notify Contractor in writing of Nonconformities the State has observed in the Software and of the State's non-acceptance thereof, whereupon the parties' rights, remedies and obligations will be as set forth in **Subsection 9.4** and **Subsection 9.5**; or

(ii) provide Contractor with a written notice of its Acceptance of such Software, which must be signed by the State Program Managers or their designees.

9.4 Failure of Acceptance Tests. If Acceptance Tests identify any Non-Conformities, Contractor, at Contractor's sole cost and expense, will remedy all such Nonconformities and re-deliver the Software, in accordance with the requirements set forth in the Contract. Redelivery will occur as promptly as commercially possible and, in any case, within 30 Business Days following, as applicable, Contractor's:

(a) completion of such Acceptance Tests, in the case of Acceptance Tests conducted by Contractor; or

(b) receipt of the State's notice under **Subsection 9. (a)** or **(c)(i)**, identifying any Nonconformities.

9.5 Repeated Failure of Acceptance Tests. If Acceptance Tests identify any Nonconformity in the Software after a second or subsequent delivery of the Software, or Contractor fails to re-deliver the Software on a timely basis, the State may, in its sole discretion, by written notice to Contractor:

(a) continue the process set forth in this **Section 9**;

(b) accept the Software as a nonconforming deliverable, in which case the Fees for such Software will be reduced equitably to reflect the value of the Software as received relative to the value of the Software had it conformed; or

(c) deem the failure to be a non-curable material breach of this Contract and a Statement of Work and terminate this Contract in accordance with **Section 16**.

9.6 Acceptance. Acceptance of the Software (subject, where applicable, to the State's right to Integration Testing) will occur on the date that is the earliest of the State's delivery of a notice accepting the Software under **Subsection 9.3(b)**, or **(c)(ii)**. Acceptance of the Software may be conditioned upon System Acceptance, if Contractor is providing Hardware, under the terms of this Contract.

10. Non-Software Acceptance.

10.1 If Contractor is providing Hardware under this Contract, Contractor will comply with the requirements for delivery, acceptance and warranty of Hardware as set forth in **Schedule H**.

10.2 System Acceptance. If Contractor is providing Hardware under this Contract, Contractor will comply with the requirements for acceptance testing of the Software and Hardware together as a System, as set forth in **Schedule I**.

10.3 All other non-Software Deliverables are subject to inspection and testing by the State within 30 calendar days of the State's receipt of them ("State Review Period"), unless otherwise provided in the Statement of Work. If the non-Software Deliverables are not fully accepted by the State, the State will notify Contractor by the end of the State Review Period that either: (a) the non-Software Deliverables are accepted but noted deficiencies must be corrected; or (b) the non-Software Deliverables are rejected. If the State finds material deficiencies, it may: (i) reject the non-Software Deliverables without performing any further inspections; (ii) demand performance at no additional cost; or (iii) terminate this Contract in accordance with **Section 16.**

10.4 Within 10 business days from the date of Contractor's receipt of notification of acceptance with deficiencies or rejection of any non-Software Deliverables, Contractor must cure, at no additional cost, the deficiency and deliver unequivocally acceptable non-Software Deliverables to the State. If acceptance with deficiencies or rejection of the non-Software Deliverables impacts the content or delivery of other non-completed non-Software Deliverables, the parties' respective Program Managers must determine an agreed to number of days for re-submission that minimizes the overall impact to the Contract. However, nothing herein affects, alters, or relieves Contractor of its obligations to correct deficiencies in accordance with the time response standards set forth in this Contract.

10.5 If Contractor is unable or refuses to correct the deficiency within the time response standards set forth in this Contract, the State may cancel the order in whole or in part. The State, or a third party identified by the State, may provide the

non-Software Deliverables and recover the difference between the cost to cure and the Contract price plus an additional 10% administrative fee.

11. Assignment. Contractor may not assign this Contract or any of its rights or delegate any of its duties or obligations hereunder, voluntarily, or involuntarily, whether by merger (regardless of whether it is the surviving or disappearing entity), conversion, consolidation, dissolution, or operation of law to any other party without the prior written approval of the State. Upon notice to Contractor, the State, in its sole discretion, may assign in whole or in part, its rights or responsibilities under this Contract to any other governmental entity if such assignment is made reasonably necessary by operation of controlling law or regulation. If the State determines that a novation of the Contract to a third party is necessary, Contractor will agree to the novation and provide all necessary documentation and signatures.

12. Change of Control. Contractor will notify the State, within 30 days of any public announcement or otherwise once legally permitted to do so, of a change in Contractor's organizational structure or ownership. For purposes of this Contract, a change in control means any of the following:

(a) a sale of more than 50% of Contractor's stock;

(b) a sale of substantially all of Contractor's assets;

(c) a change in a majority of Contractor's board members;

(d) consummation of a merger or consolidation of Contractor with any other entity;

(e) a change in ownership through a transaction or series of transactions;

(f) or the board (or the stockholders) approves a plan of complete liquidation.

A change of control does not include any consolidation or merger effected exclusively to change the domicile of Contractor, or any transaction or series of transactions principally for bona fide equity financing purposes. In the event of a change of control, Contractor must require the successor to assume this Contract and all of its obligations under this Contract.

13. Ordering, Invoices and Payment.

13.1 Authorizing Document. The document for the Contract will be a delivery order. No work should start until the delivery order is received by the Contractor.

13.2 Invoices must conform to the requirements communicated from time-to-time by the State. All undisputed amounts are payable within 45 days of the State's receipt. Contractor may only charge for the Solution provided as specified in Statement(s) of Work. Invoices must include an itemized statement of all charges.

13.3 The State has the right to withhold payment of any disputed amounts until the parties agree as to the validity of the disputed amount. The State will notify Contractor of any dispute within a reasonable time. Payment by the State will not constitute a waiver of any rights as to Contractor's continuing obligations, including claims for deficiencies or substandard Deliverables. Contractor's acceptance of final payment by the State constitutes a waiver of all claims by Contractor against the State for payment under this Contract, other than those claims previously filed in writing on a timely basis and still disputed.

13.4 The State will only disburse payments under this Contract through Electronic Funds Transfer (EFT). Contractor must register with the State at http://www.michigan.gov/SIGMAVSS to receive electronic fund transfer payments. If Contractor does not register, the State is not liable for failure to provide payment.

13.5 Right of Setoff. Without prejudice to any other right or remedy it may have, the State reserves the right to set off at any time any amount then due and owing to it by Contractor against any amount payable by the State to Contractor under this Contract.

13.6 Taxes. The State is exempt from State sales tax for direct purchases and may be exempt from federal excise tax, if the Solution purchased under this Contract is for the State's exclusive use. Notwithstanding the foregoing, all Fees are exclusive of taxes, and Contractor is responsible for all sales, use and excise taxes, and any other similar taxes, duties and charges of any kind imposed by any federal, state, or local governmental entity on any amounts payable by the State under this Contract.

13.7 Pricing/Fee Changes. Throughout the Term, all Pricing set forth in this Contract will be as set forth in **Schedule B – Pricing Schedule** and will not be increased, unless the State requires additional licenses, in which case the amount of fee per license the additional licenses will also remain fixed at the rates set forth in **Schedule B – Pricing Schedule**.

14. Liquidated Damages.

14.1The parties understand and agree that any liquidated damages (which includes but is not limited to applicable credits) set forth in this Contract are reasonable estimates of the State's damages in accordance with applicable law.

14.2 The parties acknowledge and agree that Contractor could incur liquidated damages for more than one event.

14.3 The assessment of liquidated damages will not constitute a waiver or release of any other remedy the State may have under this Contract for Contractor's breach of this Contract, including without limitation, the State's right to terminate this Contract for cause and the State will be entitled in its discretion to recover actual damages caused by Contractor's failure to perform its obligations under this Contract. However, the State will reduce such actual damages by the amounts of liquidated damages received for the same events causing the actual damages.

14.4 Amounts due the State as liquidated damages may be set off against any Fees payable to Contractor under this Contract, or the State may bill Contractor as a separate item and Contractor will promptly make payments on such bills.

15. Stop Work Order. The State may suspend any or all activities under the Contract at any time. The State will provide Contractor a written stop work order detailing the suspension. Contractor must comply with the stop work order upon receipt. Within 90 calendar days, or any longer period agreed to by Contractor, the State will either:

(a) issue a notice authorizing Contractor to resume work, or

(b) terminate the Contract or delivery order. The State will not pay for activities that have been suspended, Contractor's lost profits, or any additional compensation during a stop work period.

16. Termination, Expiration, Transition. The State may terminate this Contract, the Support Services, or any Statement of Work, in accordance with the following:

16.1 Termination for Cause. In addition to any right of termination set forth elsewhere in this Contract:

(a) The State may terminate this Contract for cause, in whole or in part, if Contractor, as determined by the State:

i) endangers the value, integrity, or security of State Systems, State Data, or the State's facilities or personnel;

(ii) becomes insolvent, petitions for bankruptcy court proceedings, or has an involuntary bankruptcy proceeding filed against it by any creditor; or

(iii) breaches any of its material duties or obligations under this Contract. Any reference to specific breaches being material breaches within this

Contract will not be construed to mean that other breaches are not material.

(b) If the State terminates this Contract under this **Subsection 16.1**, the State will issue a termination notice specifying whether Contractor must:

(i) cease performance immediately. Contractor must submit all invoices for Services accepted by the State within 30 days of the date of termination. Failure to submit an invoice within that timeframe will constitute a waiver by Contractor for any amounts due to Contractor for Services accepted by the State under this Contract, or

(ii) continue to perform for a specified period. If it is later determined that Contractor was not in breach of this Contract, the termination will be deemed to have been a termination for convenience, effective as of the same date, and the rights and obligations of the parties will be limited to those provided in **Subsection 16.2**.

(c) The State will only pay for amounts due to Contractor for Services accepted by the State on or before the date of termination, subject to the State's right to set off any amounts owed by the Contractor for the State's reasonable costs in terminating this Contract. Contractor must promptly reimburse to the State any Fees prepaid by the State prorated to the date of such termination, including any prepaid Fees. Contractor must pay all reasonable costs incurred by the State in terminating this Contract for cause, including administrative costs, attorneys' fees, court costs, transition costs, and any costs the State incurs to procure the Services from other sources.

16.2 Termination for Convenience. The State may immediately terminate this Contract in whole or in part, without penalty and for any reason or no reason, including but not limited to, appropriation or budget shortfalls. The termination notice will specify whether Contractor must:

(a) cease performance immediately. Contractor must submit all invoices for Services accepted by the State within 30 days of the date of termination. Failure to submit an invoice within that timeframe will constitute a waiver by Contractor for any amounts due to Contractor for Services accepted by the State under this Contract, or

(b) continue to perform in accordance with **Subsection 16.3**. If the State terminates this Contract for convenience, the State will pay all reasonable costs,

as determined by the State, for State approved Transition Responsibilities to the extent the funds are available.

16.3 Transition Responsibilities.

(a) Upon termination or expiration of this Contract for any reason, Contractor must, for a period of time specified by the State (not to exceed 90 calendar days; the "**Transition Period**"), provide all reasonable transition assistance requested by the State, to allow for the expired or terminated portion of the Contract to continue without interruption or adverse effect, and to facilitate the orderly transfer of the Services to the State or its designees. Such transition assistance may include but is not limited to:

(i) continuing to perform the Services at the established Contract rates;

(ii) taking all reasonable and necessary measures to transition performance of the work, including all applicable Services to the State or the State's designee;

(iii) taking all necessary and appropriate steps, or such other action as the State may direct, to preserve, maintain, protect, and comply with **Section 22**, including without limitation, the return or destruction of State Data at the conclusion of the Transition Period; and

(iv) preparing an accurate accounting from which the State and Contractor may reconcile all outstanding accounts (collectively, the "**Transition Responsibilities**"). The Term of this Contract is automatically extended through the end of the Transition Period.

(b) Contractor will follow the transition plan attached as **Schedule G** as it pertains to both transition in and transition out activities.

17. Indemnification

17.1 General Indemnification. Contractor must defend, indemnify and hold the State, its departments, divisions, agencies, offices, commissions, officers, and employees harmless, without limitation, from and against any and all actions, claims, losses, liabilities, damages, costs, attorney fees, and expenses (including those required to establish the right to indemnification), arising out of or relating to:

(a) any breach by Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable) of

any of the promises, agreements, representations, warranties, or insurance requirements contained in this Contract;

(b) any infringement, misappropriation, or other violation of any Intellectual Property Right or other right of any third party;

(c) any bodily injury, death, or damage to real or tangible personal property occurring wholly or in part due to action or inaction by Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable); and

(d) any acts or omissions of Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable).

17.2 Indemnification Procedure. The State will notify Contractor in writing if indemnification is sought; however, failure to do so will not relieve Contractor, except to the extent that Contractor is materially prejudiced. Contractor must, to the satisfaction of the State, demonstrate its financial ability to carry out these obligations. The State is entitled to:

(a) regular updates on proceeding status;

(b) participate in the defense of the proceeding;

(c) employ its own counsel; and to

(d) retain control of the defense, at its own cost and expense, if the State deems necessary. Contractor will not, without the State's prior written consent (not to be unreasonably withheld), settle, compromise, or consent to the entry of any judgment in or otherwise seek to terminate any claim, action, or proceeding. Any litigation activity on behalf of the State or any of its subdivisions must be coordinated with the Department of Attorney General. An attorney designated to represent the State may not do so until approved by the Michigan Attorney General and appointed as a Special Assistant Attorney General.

17.3 The State is constitutionally prohibited from indemnifying Contractor or any third parties.

18. Infringement Remedies.

18.1 The remedies set forth in this Section are in addition to, and not in lieu of, all other remedies that may be available to the State under this Contract or otherwise, including the State's right to be indemnified for such actions.

18.2 If any Deliverable, or any component thereof, other than State Materials, is found to be infringing or if any use of any Software or any component thereof is enjoined, threatened to be enjoined or otherwise the subject of an infringement claim, Contractor must, at Contractor's sole cost and expense:

(a) procure for the State the right to continue to use such Deliverable, or component thereof to the full extent contemplated by this Contract; or

(b) modify or replace the materials that infringe or are alleged to infringe ("**Allegedly Infringing Materials**") to make the Deliverable and all of its components non-infringing while providing fully equivalent features and functionality.

18.3 If neither of the foregoing is possible notwithstanding Contractor's best efforts, then Contractor may direct the State to cease any use of any materials that have been enjoined or finally adjudicated as infringing, provided that Contractor will:

(a) refund to the State all amounts paid by the State in respect of such Allegedly Infringing Materials and any other aspects of the Deliverable provided under a Statement of Work for the Allegedly Infringing Materials that the State cannot reasonably use as intended under this Contract; and

(b) in any case, at its sole cost and expense, secure the right for the State to continue using the Allegedly Infringing Materials for a transition period of up to 6 months to allow the State to replace the affected features of the Deliverable without disruption.

18.4 If Contractor directs the State to cease using any Deliverable under **Subsection 18.3,** the State, at its sole discretion, will be entitled to declare such a direction from the Contractor to cease use a material breach of the Contract and may terminate this Contract under **Section 16**. Unless the claim arose against the Deliverable independently of any of the actions specified below, Contractor will have no liability for any claim of infringement arising solely from:

(a) Contractor's compliance with any designs, specifications, or instructions of the State; or

(b) modification of the Deliverable by the State without the prior knowledge and approval of Contractor.

19. Disclaimer of Damages and Limitation of Liability.

19.1 The State's Disclaimer of Damages. THE STATE WILL NOT BE LIABLE, REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR BY STATUTE OR OTHERWISE, FOR ANY CLAIM RELATED TO OR ARISING UNDER THIS CONTRACT FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT, OR SPECIAL DAMAGES, INCLUDING WITHOUT LIMITATION LOST PROFITS AND LOST BUSINESS OPPORTUNITIES.

19.2 The State's Limitation of Liability. IN NO EVENT WILL THE STATE'S AGGREGATE LIABILITY TO CONTRACTOR UNDER THIS CONTRACT, REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR BY STATUTE OR OTHERWISE, FOR ANY CLAIM RELATED TO OR ARISING UNDER THIS CONTRACT, EXCEED THE MAXIMUM AMOUNT OF FEES PAYABLE UNDER THIS CONTRACT.

20. Disclosure of Litigation, or Other Proceeding. Contractor must notify the State within 14 calendar days of receiving notice of any litigation, investigation, arbitration, or other proceeding (collectively, "**Proceeding**") involving Contractor, a Permitted Subcontractor, or an officer or director of Contractor or Permitted Subcontractor, that arises during the term of the Contract, including:

(a) a criminal Proceeding;

(b) a parole or probation Proceeding;

(c) a Proceeding under the Sarbanes-Oxley Act;

(d) a civil Proceeding involving:

(i) a claim that might reasonably be expected to adversely affect Contractor's viability or financial stability; or

(ii) a governmental or public entity's claim or written allegation of fraud; or

(e) a Proceeding involving any license that Contractor is required to possess in order to perform under this Contract.

21. State Data.

21.1 Ownership. The State's data ("**State Data**"), which will be treated by Contractor as Confidential Information, includes:

(a) User Data;

(b) all data made available to Contractor for or during the provision of the Solution, including but not limited to all text, sound, video, image files, or software; and

(c) any other data collected, used, Processed, stored, or generated in connection with the Solution, including but not limited to:

(i) personally identifiable information ("**PII**") collected, used, Processed, stored, or generated as the result of the Solution, including, without limitation, any information that identifies an individual, such as an individual's social security number or other government-issued identification number, date of birth, address, telephone number, biometric data, mother's maiden name, email address, credit card information, or an individual's name in combination with any other of the elements here listed; and

(ii) protected health information ("**PHI**") collected, used, Processed, stored, or generated as the result of the Solution, which is defined under the Health Insurance Portability and Accountability Act ("**HIPAA**") and its related rules and regulations.

21.2 State Data is and will remain the sole and exclusive property of the State and all right, title, and interest in the same is reserved by the State.

21.3 Contractor Use of State Data. Contractor is provided a limited license to State Data for the sole and exclusive purpose of providing the Solution, including a license to collect, process, store, generate, and display State Data only to the extent necessary in the provision of the Solution. Contractor must:

(a) keep and maintain State Data in strict confidence, using such degree of care as is appropriate and consistent with its obligations as further described in this Contract and applicable law to avoid unauthorized access, use, disclosure, or loss;

(b) use and disclose State Data solely and exclusively for the purpose of providing the Solution, such use and disclosure being in accordance with this Contract, any applicable Statement of Work, and applicable law;

(c) keep and maintain State Data in the United States and

(d) not use, sell, rent, transfer, mine, distribute, commercially exploit, or otherwise disclose or make available State Data for Contractor's own purposes or for the benefit of anyone other than the State without the State's prior written consent. Contractor's misuse of State Data may violate state or federal laws, including but not limited to MCL 752.795.

21.4 Third-Party Requests. Contractor will immediately notify the State upon receipt of any third-party requests which in any way might reasonably require Access to State Data. Contractor will notify the State Program Managers or their designees by the fastest means available and also in writing. Contractor must provide such notification within twenty-four (24) hours from Contractor's receipt of the request. Contractor will not respond to subpoenas, service of process, FOIA requests, and other legal requests related to the State without first notifying the State. Upon request by the State, Contractor must provide to the State, its proposed response to the third-party request with adequate time for the State to review, and, as it deems necessary, to revise the response, object, or take other action.

21.5 Loss or Compromise of Data. In the event of any act, error or omission, negligence, misconduct, or breach on the part of Contractor that compromises or is suspected to compromise the security, confidentiality, integrity, or availability of State Data or the physical, technical, administrative, or organizational safeguards put in place by Contractor that relate to the protection of the security, confidentiality, or integrity of State Data, Contractor must, as applicable:

(a) notify the State as soon as practicable but no later than 24 hours of becoming aware of such occurrence;

(b) cooperate with the State in investigating the occurrence, including making available all relevant records, logs, files, data reporting, and other materials required to comply with applicable law or as otherwise required by the State;

(c) in the case of PII or PHI, at the State's sole election:

(i) with approval and assistance from the State, notify the affected individuals who comprise the PII or PHI as soon as practicable but no later than is required to comply with applicable law, or, in the absence of any legally required notification period, within 5 calendar days of the occurrence; or

(ii) reimburse the State for any costs in notifying the affected individuals;

(d) in the case of PII, provide third-party credit and identity monitoring services to each of the affected individuals who comprise the PII for the period required to comply with applicable law, or, in the absence of any legally required monitoring services, for no less than 24 months following the date of notification to such individuals;

(e) perform or take any other actions required to comply with applicable law as a result of the occurrence;

(f) pay for any costs associated with the occurrence, including but not limited to any costs incurred by the State in investigating and resolving the occurrence, including reasonable attorney's fees associated with such investigation and resolution;

(g) without limiting Contractor's obligations of indemnification as further described in this Contract, indemnify, defend, and hold harmless the State for any and all claims, including reasonable attorneys' fees, costs, and incidental expenses, which may be suffered by, accrued against, charged to, or recoverable from the State in connection with the occurrence;

(h) be responsible for recreating lost State Data in the manner and on the schedule set by the State without charge to the State; and

(i) provide to the State a detailed plan within 10 calendar days of the occurrence describing the measures Contractor will undertake to prevent a future occurrence. Notification to affected individuals, as described above, must comply with applicable law, be written in plain language, not be tangentially used for any solicitation purposes, and contain, at a minimum: name and contact information of Contractor's representative; a description of the nature of the loss; a list of the types of data involved; the known or approximate date of the loss; how such loss may affect the affected individual; what steps Contractor has taken to protect the affected individual; what steps the affected individual can take to protect himself or herself; contact information for major credit card reporting agencies; and, information regarding the credit and identity monitoring services to be provided by Contractor. The State will have the option to review and approve any notification sent to affected individuals prior to its delivery. Notification to any other party, including but not limited to public media outlets, must be reviewed and approved by the State in writing prior to its dissemination.

21.6 The parties agree that any damages arising out of a breach of the terms set forth in this **Section** are to be considered direct damages and not consequential damages.

22. Non-Disclosure of Confidential Information. The parties acknowledge that each party may be exposed to or acquire communication or data of the other party that is confidential, privileged communication not intended to be disclosed to third parties.

22.1 Meaning of Confidential Information. For the purposes of this Contract, the term "**Confidential Information**" means all information and documentation of a party that: (a) has been marked "confidential" or with words of similar meaning, at the time of disclosure by such party; (b) if disclosed orally or not marked "confidential" or with words of similar meaning, was subsequently summarized in writing by the disclosing party and marked "confidential" or with words of similar meaning; and, (c) should reasonably be recognized as confidential information of the disclosing party. The term "Confidential Information" does not include any information or documentation that was: (a) subject to disclosure under the Michigan Freedom of Information Act (FOIA); (b) already in the possession of the receiving party without an obligation of confidentiality; (c) developed independently by the receiving party, as demonstrated by the receiving party, without violating the disclosing party's proprietary rights; (d) obtained from a source other than the disclosing party without an obligation of confidentiality; or, (e) publicly available when received, or thereafter became publicly available (other than through any unauthorized disclosure). For purposes of this Contract, in all cases and for all matters, State Data is deemed to be Confidential Information.

22.2 Obligation of Confidentiality. The parties agree to hold all Confidential Information in strict confidence and not to copy, reproduce, sell, transfer, or otherwise dispose of, give or disclose such Confidential Information to third parties other than employees, agents, or subcontractors of a party who have a need to know in connection with this Contract or to use such Confidential Information for any purposes whatsoever other than the performance of this Contract. The parties agree to advise and require their respective employees, agents, and subcontractors of their obligations to keep all Confidential Information confidential. Disclosure to the Contractor's subcontractor is permissible where:

(a) the subcontractor is a Permitted Subcontractor;

(b) the disclosure is necessary or otherwise naturally occurs in connection with work that is within the Permitted Subcontractor's responsibilities; and

(c) Contractor obligates the Permitted Subcontractor in a written contract to maintain the State's Confidential Information in confidence. At the State's request, any of the Contractor's and Permitted Subcontractor's Representatives

may be required to execute a separate agreement to be bound by the provisions of this **Subsection 22.2**.

22.3 Cooperation to Prevent Disclosure of Confidential Information. Each party must use its best efforts to assist the other party in identifying and preventing any unauthorized use or disclosure of any Confidential Information. Without limiting the foregoing, each party must advise the other party immediately in the event either party learns or has reason to believe that any person who has had access to Confidential Information has violated or intends to violate the terms of this Contract. Each party will cooperate with the other party in seeking injunctive or other equitable relief against any such person.

22.4 Remedies for Breach of Obligation of Confidentiality. Each party acknowledges that breach of its obligation of confidentiality may give rise to irreparable injury to the other party, which damage may be inadequately compensable in the form of monetary damages. Accordingly, a party may seek and obtain injunctive relief against the breach or threatened breach of the foregoing undertakings, in addition to any other legal remedies which may be available, to include, in the case of the State, at the sole election of the State, the immediate termination, without liability to the State, of this Contract or any Statement of Work corresponding to the breach or threatened breach.

22.5 Surrender of Confidential Information. Upon termination or expiration of this Contract or a Statement of Work, in whole or in part, each party must, within 5 Business Days from the date of termination or expiration, return to the other party any and all Confidential Information received from the other party, or created or received by a party on behalf of the other party, which are in such party's possession, custody, or control. Upon confirmation from the State, of receipt of all data, Contractor must permanently sanitize or destroy the State's Confidential Information, including State Data, from all media including backups using National Security Agency ("NSA") and/or National Institute of Standards and Technology ("NIST") (NIST Guide for Media Sanitization 800-88) data sanitization methods or as otherwise instructed by the State. If the State determines that the return of any Confidential Information is not feasible or necessary, Contractor must destroy the Confidential Information as specified above. The Contractor must certify the destruction of Confidential Information (including State Data) in writing within 5 Business Days from the date of confirmation from the State.

23. Records Maintenance, Inspection, Examination, and Audit.

23.1 Right of Audit. Pursuant to MCL 18.1470, the State or its designee may audit Contractor to verify compliance with this Contract. Contractor must retain and provide to the State or its designee and the auditor general upon request, all financial and accounting records related to this Contract through the Term of this Contract and for 4 years after the latter of termination, expiration, or final payment under this Contract or any extension ("**Financial Audit Period**"). If an audit, litigation, or other action involving the records is initiated before the end of the Financial Audit Period, Contractor must retain the records until all issues are resolved.

23.2 Right of Inspection. Within 10 calendar days of providing notice, the State and its authorized representatives or designees have the right to enter and inspect Contractor's premises or any other places where Services are being performed, and examine, copy, and audit all records related to this Contract. Contractor must cooperate and provide reasonable assistance. If financial errors are revealed, the amount in error must be reflected as a credit or debit on subsequent invoices until the amount is paid or refunded. Any remaining balance at the end of this Contract must be paid or refunded within 45 calendar days.

23.3 Application. This **Section 23** applies to Contractor, any Affiliate, and any Permitted Subcontractor that performs Services in connection with this Contract.

24. Support Services. Contractor will provide the State with the Support Services described in the Service Level Agreement attached as **Schedule D** to this Contract. Such Support Services will be provided:

(a) Free of charge during the Warranty Period.

(b) Thereafter, for so long as the State elects to receive Support, in consideration of the State's payment of Fees for such services in accordance with the rates set forth in the Pricing Schedule.

25. Data Security Requirements. Throughout the Term and at all times in connection to the Solution, Contractor will maintain and enforce an information security program including safety and physical and technical security policies and procedures with respect to its Processing of the State's Confidential Information that comply with the requirements of the State's data security policies as set forth in **Schedule E** to this Contract.

26. Training. Contractor will provide, at no additional charge, training on the Solution provided hereunder in accordance with the times, locations and other terms set forth in a Statement of Work. Upon the State's request, Contractor will timely provide training

for additional Authorized Users or other additional training on the Solution for which the State requests such training, at such reasonable times and locations and pursuant to such rates and other terms as are set forth in the Pricing Schedule.

27. Maintenance Releases; New Versions

27.1 Maintenance Releases. Provided that the State is current on its Fees, during the Term, Contractor will provide the State, at no additional charge, with all Maintenance Releases, each of which will constitute Software and be subject to the terms and conditions of this Contract.

27.2 New Versions. Provided that the State is current on its Fees, during the Term, Contractor will provide the State, at no additional charge, with all New Versions, each of which will constitute Software and be subject to the terms and conditions of this Contract.

27.3 Installation. The State has no obligation to install or use any Maintenance Release or New Versions. If the State wishes to install any Maintenance Release or New Version, the State will have the right to have such Maintenance Release or New Version installed, in the State's discretion, by Contractor or other authorized party as set forth in a Statement of Work. Contractor will provide the State, at no additional charge, adequate Documentation for installation of the Maintenance Release or New Version, which has been developed and tested by Contractor and Acceptance Tested by the State. The State's decision not to install or implement a Maintenance Release or New Version of the Software will not affect its right to receive Support Services throughout the Term of this Contract.

27.4 Supported Third-Party and Open-Source Components. Contractor will utilize only currently supported versions of all Third-Party or Open Source Components and will notify the State when not using the most recently published Third-Party and Open Source Components.

28. Reserved.

29. Contractor Representations and Warranties.

29.1 Authority. Contractor represents and warrants to the State that:

(a) It is duly organized, validly existing, and in good standing as a corporation or other entity as represented under this Contract under the laws and regulations of its jurisdiction of incorporation, organization, or chartering;

(b) It has the full right, power, and authority to enter into this Contract, and to perform its contractual obligations;

(c) The execution of this Contract by its Representative has been duly authorized by all necessary organizational action; and

(d) When executed and delivered by Contractor, this Contract will constitute the legal, valid, and binding obligation of Contractor, enforceable against Contractor in accordance with its terms.

(e) Contractor is neither currently engaged in nor will engage in the boycott of a person based in or doing business with a strategic partner as described in 22 USC 8601 to 8606.

29.2 Bid Response. Contractor represents and warrants to the State that:

(a) The prices proposed by Contractor were arrived at independently, without consultation, communication, or agreement with any other Bidder for the purpose of restricting competition; the prices quoted were not knowingly disclosed by Contractor to any other Bidder to the Solicitation; and no attempt was made by Contractor to induce any other Person to submit or not submit a proposal for the purpose of restricting competition;

(b) All written information furnished to the State by or for Contractor in connection with this Contract, including Contractor's Bid Response, is true, accurate, and complete, and contains no untrue statement of material fact or omits any material fact necessary to make the information not misleading;

(c) Contractor is not in material default or breach of any other contract or agreement that it may have with the State or any of its departments, commissions, boards, or agencies. Contractor further represents and warrants that it has not been a party to any contract with the State or any of its departments that was terminated by the State within the previous 5 years for the reason that Contractor failed to perform or otherwise breached an obligation of the contract; and

(d) If any of the certifications, representations, or disclosures made in Contractor's Bid Response change after contract award, the Contractor is required to report those changes immediately to the Contract Administrator.

29.3 Software Representations and Warranties. Contractor further represents and warrants to the State that:

(a) Contractor is the legal and beneficial owner of the entire right, title and interest in and to the Software, including all Intellectual Property Rights relating thereto or is the recipient of a valid license thereto, and that it has and will maintain the full power and authority to grant the Intellectual Property Rights to the Software or to use the Software in the Contract (i) without the further consent of any third party and (ii) without conditions or requirements not set forth in this Contract;

(b) Contractor has, and throughout the Term and any additional periods during which Contractor does or is required to perform the Services will have, the unconditional and irrevocable right, power and authority, including all permits and licenses required, to provide the Services and grant and perform all rights and licenses granted or required to be granted by it under this Contract;

(c) the Software, and the State's use thereof, is and throughout the license term will be free and clear of all encumbrances, liens and security interests of any kind;

(d) neither its grant of the license, nor its performance under this Contract does or to its knowledge will at any time:

(i) conflict with or violate any applicable law;

(ii) require the consent, approval or authorization of any governmental or regulatory authority or other third party; or

(iii) require the provision of any payment or other consideration to any third party;

(e) when used by the State or any Authorized User in accordance with this Contract the Solution as provided, delivered, or installed by Contractor does not or will not:

(i) infringe, misappropriate, or otherwise violate any Intellectual Property Right or other right of any third party; or

(ii) fail to comply with any applicable law;

(f) as provided by Contractor, the Solution does not and will not at any time during the Term contain any:

(i) Harmful Code; or

(ii) Third party or Open Source Components or operate in such a way that it is developed or compiled with or linked to any third-party or Open Source Components, other than Approved Third-Party Components.

(g) all Documentation is and will be complete and accurate in all material respects when provided to the State such that at no time during the license term will the Software have any material undocumented feature; and

(h) Contractor will perform all Services in a timely, skillful, professional and workmanlike manner in accordance with commercially reasonable industry standards and practices for similar services, using personnel with the requisite skill, experience and qualifications, and will devote adequate resources to meet its obligations under this Contract.

(i) when used in the Operating Environment (or any successor thereto) in accordance with the Documentation, all Software as provided by Contractor, will be fully operable, meet all applicable specifications, and function in all respects, in conformity with this Contract and the Documentation;

(j) Contractor acknowledges that the State cannot indemnify any third parties, including but not limited to any third-party software providers that provide software that will be incorporated in or otherwise used in conjunction with the Services, and that notwithstanding anything to the contrary contained in any third-party software license agreement or end user license agreement, the State will not indemnify any third party software provider for any reason whatsoever;

(k) no Maintenance Release or New Version, when properly installed in accordance with this Contract, will have a material adverse effect on the functionality or operability of the Software.

(l) all Configurations or Customizations made during the Term will be forward-compatible with future Maintenance Releases or New Versions and be fully supported without additional costs.

(m) If Contractor Hosted:

(i) Contractor will not advertise through the Solution (whether with adware, banners, buttons or other forms of online advertising) or link to external web sites that are not approved in writing by the State;

(ii) the Solution will in all material respects conform to and perform in accordance with the Specifications and all requirements of this Contract, including the Availability and Availability Requirement provisions set forth in the Service Level Agreement;

(iii) all Specifications are, and will be continually updated and maintained so that they continue to be, current, complete and accurate and so that they do and will continue to fully describe the Solution in all material respects such that at no time during the Term or any additional periods during which Contractor does or is required to perform the Services will the Solution have any material undocumented feature;

(n) During the Term of this Contract, any audit rights contained in any third-party software license agreement or end user license agreement for third-party software incorporated in or otherwise used in conjunction with the Solution, will apply solely to Contractor or its Permitted Subcontractors. Regardless of anything to the contrary contained in any third-party software license agreement or end user license agreement, third-party software providers will have no audit rights whatsoever against State Systems or networks.

29.4 Disclaimer. EXCEPT FOR THE EXPRESS WARRANTIES SET FORTH IN THIS CONTRACT, CONTRACTOR HEREBY DISCLAIMS ALL WARRANTIES, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, WITH RESPECT TO THIS CONTRACT.

30. Conflicts and Ethics. Contractor will uphold high ethical standards and is prohibited from: (a) holding or acquiring an interest that would conflict with this Contract; (b) doing anything that creates an appearance of impropriety with respect to the award or performance of the Contract; (c) attempting to influence or appearing to influence any State employee by the direct or indirect offer of anything of value including an offer of employment; or (d) paying or agreeing to pay any person, other than employees and consultants working for Contractor, any consideration contingent upon the award of the Contract. Contractor must immediately notify the State of any violation or potential violation of these standards. This Section applies to Contractor, any parent, affiliate, or subsidiary organization of Contractor, and any Permitted Subcontractor that provides the Solution in connection with this Contract.

31. Compliance with Laws. Contractor, its subcontractors, including Permitted Subcontractors, and their respective Representatives must comply with all laws in connection with this Contract.

32. Nondiscrimination. Under the Elliott-Larsen Civil Rights Act, 1976 PA 453, MCL 37.2101, *et seq*., the Persons with Disabilities Civil Rights Act, 1976 PA 220, MCL 37.1101, *et seq*., and Executive Directive 2019-09, Contractor and its subcontractors agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or

indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, partisan considerations, any mental or physical disability, or genetic information that is unrelated to the person's ability to perform the duties of a particular job or position. Breach of this covenant is a material breach of the Contract.

33. Unfair Labor Practice. Under MCL 423.324, the State may void this Contract if the name of the Contractor, or the name of a subcontractor, manufacturer, or supplier of the Contractor, subsequently appears on the Unfair Labor Practice register compiled under MCL 423.322.

34. Governing Law. This Contract is governed, construed, and enforced in accordance with Michigan law, excluding choice-of-law principles, and all claims relating to or arising out of this Contract are governed by Michigan law, excluding choice-of-law principles. Any dispute arising from this Contract must be resolved in the Michigan Court of Claims. Contractor waives any objections, such as lack of personal jurisdiction or *forum non conveniens*. Contractor must appoint an agent in Michigan to receive service of process.

35. Non-Exclusivity. Nothing contained in this Contract is intended nor is to be construed as creating any requirements contract with Contractor, nor does it provide Contractor with a right of first refusal for any future work. This Contract does not restrict the State or its agencies from acquiring similar, equal, or like Services from other sources.

36. Force Majeure

36.1 Force Majeure Events. Neither party will be liable or responsible to the other party, or be deemed to have defaulted under or breached the Contract, for any failure or delay in fulfilling or performing any term hereof, when and to the extent such failure or delay is caused by: acts of God, flood, fire or explosion, war, terrorism, invasion, riot or other civil unrest, embargoes or blockades in effect on or after the date of the Contract, national or regional emergency, or any passage of law or governmental order, rule, regulation or direction, or any action taken by a governmental or public authority, including imposing an embargo, export or import restriction, quota or other restriction or prohibition (each of the foregoing, a "**Force Majeure Event**"), in each case provided that: (a) such event is outside the reasonable control of the affected party; (b) the affected party gives prompt written notice to the other party, stating the period of time the occurrence is expected to continue; (c) the affected party uses diligent efforts to end the failure or delay and minimize the effects of such Force Majeure Event.

36.2 State Performance; Termination. In the event of a Force Majeure Event affecting Contractor's performance under the Contract, the State may suspend its performance hereunder until such time as Contractor resumes performance. The State may terminate the Contract by written notice to Contractor if a Force Majeure Event affecting Contractor's performance hereunder continues substantially uninterrupted for a period of 5 Business Days or more. Unless the State terminates the Contract pursuant to the preceding sentence, any date specifically designated for Contractor's performance under the Contract will automatically be extended for a period up to the duration of the Force Majeure Event.

36.3 Exclusions; Non-suspended Obligations. Notwithstanding the foregoing or any other provisions of the Contract or this Schedule:

(a) in no event will any of the following be considered a Force Majeure Event:

(i) shutdowns, disruptions or malfunctions of the Solution or any of Contractor's telecommunication or internet services other than as a result of general and widespread internet or telecommunications failures that are not limited to the Solution; or

(ii) the delay or failure of any Contractor Personnel to perform any obligation of Contractor hereunder unless such delay or failure to perform is itself by reason of a Force Majeure Event.

(b) no Force Majeure Event modifies or excuses Contractor's obligations under **Section 21** (State Data), **22** (Non-Disclosure of Confidential Information), or **17** (Indemnification) of the Contract, Disaster Recovery and Backup requirements set forth in the Service Level Agreement, Availability Requirement (if Contractor Hosted) defined in the Service Level Agreement, or any data retention or security requirements under the Contract.

37. Dispute Resolution. The parties will endeavor to resolve any Contract dispute in accordance with this provision. The dispute will be referred to the parties' respective Contract Administrators or Program Managers. Such referral must include a description of the issues and all supporting documentation. The parties must submit the dispute to a senior executive if unable to resolve the dispute within 15 business days. The parties will continue performing while a dispute is being resolved, unless the dispute precludes performance. A dispute involving payment does not preclude performance. Litigation to resolve the dispute will not be instituted until after the dispute has been elevated to the parties' senior executive and either concludes that resolution is unlikely or fails to respond within 15 business days. The parties are not prohibited from instituting formal proceedings: (a) to avoid the expiration of statute of limitations period; (b) to preserve a superior position with respect to creditors; or (c) where a party decides that a temporary

restraining order or other injunctive relief is the only adequate remedy. This Section does not limit the State's right to terminate the Contract.

38. Media Releases. News releases (including promotional literature and commercial advertisements) pertaining to this Contract or project to which it relates must not be made without the prior written approval of the State, and then only in accordance with the explicit written instructions of the State.

39. Severability. If any part of this Contract is held invalid or unenforceable, by any court of competent jurisdiction, that part will be deemed deleted from this Contract and the severed part will be replaced by agreed upon language that achieves the same or similar objectives. The remaining Contract will continue in full force and effect.

40. Waiver. Failure to enforce any provision of this Contract will not constitute a waiver.

41. Survival. Any right, obligation, or condition that, by its express terms or nature and context is intended to survive, will survive the termination or expiration of this Contract; such rights, obligations, or conditions include, but are not limited to, those related to transition responsibilities; indemnification; disclaimer of damages and limitations of liability; State Data; non-disclosure of Confidential Information; representations and warranties; insurance and bankruptcy.

42. Administrative Fee and Reporting

Contractor must pay an administrative fee of 1% on all payments made to Contractor under the Contract including transactions with MiDEAL members, and other states (including governmental subdivisions and authorized entities). Administrative fee payments must be made online by check or credit card at: https://www.thepayplace.com/mi/dtmb/adminfee

Contractor must submit an itemized purchasing activity report, which includes at a minimum, the name of the purchasing entity and the total dollar volume in sales. Reports should be emailed to MiDeal@michigan.gov.

The administrative fee and purchasing activity report are due within 30 calendar days from the last day of each calendar quarter.

43. Extended Purchasing Program.This contract is extended to MiDEAL members. MiDEAL members include local units of government, school districts, universities, community colleges, and nonprofit hospitals. A current list of MiDEAL members is available at www.michigan.gov/mideal.

Upon written agreement between the State and Contractor, this contract may also be extended to: (a) other states (including governmental subdivisions and authorized entities) and (b) State of Michigan employees.

If extended, Contractor must supply all Contract Activities at the established Contract prices and terms. The State reserves the right to impose an administrative fee and negotiate additional discounts based on any increased volume generated by such extensions.

Contractor must submit invoices to, and receive payment from, extended purchasing program members on a direct and individual basis.

44. Contract Modification. This Contract may not be amended or modified in any way, except by a properly signed **Change Notice**. Notwithstanding the foregoing, no subsequent Statement of Work or Change Notice executed after the Effective Date will be construed to amend this Contract unless it specifically states its intent to do so and cites the section or sections amended.

45. Accessibility Requirements.

45.1 All Software provided by Contractor under this Contract, including associated content and documentation, must at all times conform to the Digital Accessibility Standards. Throughout the Term of the Contract, Contractor must:

(a) maintain compliance with the Digital Accessibility Standards;

(b) comply with plans and timelines approved by the State to achieve conformance in the event of any deficiencies;

(c) ensure that no Maintenance Release, New Version, update or patch, when properly installed in accordance with this Contract, will have any adverse effect on the conformance of Contractor's Software to the Digital Accessibility Standards;

(d) promptly respond to and resolve any complaint the State receives regarding accessibility of Contractor's Software;

(e) upon the State's written request, provide evidence of compliance with this Section by delivering to the State Contractor's most current PAT for each product provided under the Contract; and

(f) participate in the State of Michigan Digital Standards Review described below.

45.2 State of Michigan Digital Standards Review. Throughout the Term, Contractor must assist the State, at no additional cost, with development, completion, and on-going maintenance of an accessibility plan, which requires Contractor, upon request from the State, to submit evidence to the State to review and validate Contractor's accessibility and compliance with the Digital Accessibility Standards. Prior to the solution going-live an assessment is required, and thereafter on an annual basis, or as otherwise required by the State, re-assessment of accessibility may be required. At no additional cost, Contractor must remediate all issues identified from any assessment of accessibility pursuant to plans and timelines that are approved in writing by the State.

45.3 Warranty. Contractor warrants that all conformance claims regarding conformance to the Digital Accessibility Standards made by Contractor pursuant to this Contract, including all information provided in any PAT Contractor provides to the State, are true and correct. If the State determines such conformance claims provided by the Contractor represent a higher level of conformance than what is actually provided to the State, Contractor will, at its sole cost and expense, promptly remediate its Software to align with Contractor's stated conformance claims in accordance with plans and timelines that are approved in writing by the State. If Contractor is unable to resolve such issues in a manner acceptable to the State, in addition to all other remedies available to the State, the State may terminate this Contract for cause under **Subsection 16.1**.

45.4 Contractor must, without limiting Contractor's obligations of indemnification as further described in this Contract, indemnify, defend, and hold harmless the State for any and all claims, including reasonable attorneys' fees, costs, and incidental expenses, which may be suffered by, accrued against, charged to, or recoverable from the State arising out of its failure to comply with the foregoing accessibility standards.

45.5 Failure to comply with the requirements in this **Section 45** shall constitute a material breach of this Contract.

46. Further Assurances. Each party will, upon the reasonable request of the other party, execute such documents and perform such acts as may be necessary to give full effect to the terms of this Contract.

47. Relationship of the Parties. The relationship between the parties is that of independent contractors. Contractor, its employees, and agents will not be considered employees of the State. No partnership or joint venture relationship is created by virtue of this Contract. Contractor, and not the State, is responsible for the payment of wages,

benefits and taxes of Contractor's employees and any subcontractors. Prior performance does not modify Contractor's status as an independent contractor. Neither party has authority to contract for nor bind the other party in any manner whatsoever.

48. Headings. The headings in this Contract are for reference only and do not affect the interpretation of this Contract.

49. No Third-party Beneficiaries. This Contract is for the sole benefit of the parties and their respective successors and permitted assigns. Nothing herein, express or implied, is intended to or will confer on any other person or entity any legal or equitable right, benefit or remedy of any nature whatsoever under or by reason of this Contract.

50. Equitable Relief. Each party to this Contract acknowledges and agrees that (a) a breach or threatened breach by such party of any of its obligations under this Contract may give rise to irreparable harm to the other party for which monetary damages would not be an adequate remedy and (b) in the event of a breach or a threatened breach by such party of any such obligations, the other party hereto is, in addition to any and all other rights and remedies that may be available to such party at law, at equity or otherwise in respect of such breach, entitled to seek equitable relief, including a temporary restraining order, an injunction, specific performance and any other relief that may be available from a court of competent jurisdiction, without any requirement to post a bond or other security, and without any requirement to prove actual damages or that monetary damages will not afford an adequate remedy, until or unless required by that court. Each party to this Contract agrees that such party will not oppose or otherwise challenge the appropriateness of equitable relief or the entry by a court of competent jurisdiction of an order granting equitable relief, in either case, consistent with the terms of this Section.

51. Effect of Contractor Bankruptcy. All rights and licenses granted by Contractor under this Contract are and will be deemed to be rights and licenses to "intellectual property," and all Deliverables are and will be deemed to be "embodiments" of "intellectual property," for purposes of, and as such terms are used in and interpreted under, Section 365(n) of the United States Bankruptcy Code (the "**Code**"). If Contractor or its estate becomes subject to any bankruptcy or similar proceeding, the State retains and has the right to fully exercise all rights, licenses, elections, and protections under this Contract, the Code and all other applicable bankruptcy, insolvency, and similar laws with respect to all Deliverables. Without limiting the generality of the foregoing, Contractor acknowledges and agrees that, if Contractor or its estate will become subject to any bankruptcy or similar proceeding:

(a) all rights and licenses granted to the State under this Contract will continue subject to the terms and conditions of this Contract, and will not be affected, even by Contractor's rejection of this Contract; and

(b) the State will be entitled to a complete duplicate of (or complete access to, as appropriate) all such intellectual property and embodiments of intellectual property comprising or relating to any Deliverables, and the same, if not already in the State's possession or in escrow, if applicable, will be promptly delivered to the State, unless Contractor elects to and does in fact continue to perform all of its obligations under this Contract.

52. Schedules. All Schedules that are referenced herein and attached hereto are hereby incorporated by reference. The following Schedules are attached hereto and incorporated herein:

Schedule A	Statement of Work
Schedule B	Pricing Schedule
Schedule C	Insurance Schedule
Schedule D	Service Level Agreement
Schedule E	Data Security Requirements
Schedule G	Transition Plan

53. Counterparts. This Contract may be executed in counterparts, each of which will be deemed an original, but all of which together are deemed to be one and the same agreement and will become effective and binding upon the parties as of the Effective Date at such time as all the signatories hereto have signed a counterpart of this Contract. A signed copy of this Contract delivered by facsimile, e-mail or other means of electronic transmission (to which a signed copy is attached) is deemed to have the same legal effect as delivery of an original signed copy of this Contract.

54. Entire Agreement. These Terms and Conditions, including all Statements of Work and other Schedules and Exhibits (again collectively the "Contract") constitutes the sole and entire agreement of the parties to this Contract with respect to the subject matter contained herein, and supersedes all prior and contemporaneous understandings and agreements, representations and warranties, both written and oral, with respect to such subject matter. In the event of any inconsistency between the statements made in the Terms and Conditions, the Schedules, Exhibits, and a Statement of Work, the following order of precedence governs: (a) first, these Terms and Conditions and (b) second, Schedule E – Data Security Requirements and (c) third, each Statement of Work; and (d) fourth, the remaining Exhibits and Schedules to this Contract. NO TERMS ON CONTRACTOR'S INVOICES, WEBSITE, BROWSE-WRAP, SHRINK-WRAP, CLICK-WRAP, CLICK-THROUGH OR OTHER NON-NEGOTIATED TERMS AND

CONDITIONS PROVIDED WITH ANY OF THE SERVICES, OR DOCUMENTATION HEREUNDER, EVEN IF ATTACHED TO STATE'S DELIVERY OR PURCHASE ORDER, WILL CONSTITUTE A PART OR AMENDMENT OF THIS CONTRACT OR IS BINDING ON THE STATE OR ANY AUTHORIZED USER FOR ANY PURPOSE. ALL SUCH OTHER TERMS AND CONDITIONS HAVE NO FORCE AND EFFECT AND ARE DEEMED REJECTED BY THE STATE AND THE AUTHORIZED USER, EVEN IF ACCESS TO OR USE OF SUCH SERVICE OR DOCUMENTATION REQUIRES AFFIRMATIVE ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

SCHEDULE A – STATEMENT OF WORK

1. DEFINITIONS

The following terms have the meanings set forth below. All initial capitalized terms that are not defined in this Schedule shall have the respective meanings given to them in Section 1 of the Contract Terms and Conditions.

Term	Definition
Solution	Deliverables (including but not limited to Software, Hardware, and Documentation) and Services (including but not limited to Hosting Services, Support Services), singularly or in any combination thereof as set forth in a Statement of Work intended to address the State's needs.
Trusted User	A user granted specialized approval from the State to use and have access to certain privileged data types.
External User	A researcher that is not employed or contracted by the State of Michigan.

2. BACKGROUND

The State is contracting for a flexible, scalable data analytics environment for internal and external researchers to leverage, along with the accompanying functionality to collaborate, monitor data usage, and proactively identify potential risk introduced through usage of the data analytics environment. This solution will create a state-controlled data analytics environment for users to engage with data, rather than simply passing files for end users to analyze.

Software description:

Name: Collaborative Research Environment (CoRE)
Licensing Structure: Annual Subscription License for Unlimited Users

The Collaborative Research Environment (CoRE) is designed from the ground up to support researchers inside and outside of large agencies by making it simple to publish and locate datasets, and provides an environment for researchers to use the toolsets they know and require proper exploration and analysis of the data.

3. PURPOSE

The State is Contracting for a *State Hosted* Software Solution and applicable Services.

Term of the Agreement: 5 base years, with 5, 1-year options

Contractor's Role and Responsibilities:

- Project Management
- Requirements and Design Validation
- Deployment of the Collaborative Research Environment
- Configuration of the Collaborative Research Environment
- Knowledge transfer and training to System Administrators, System Managers
- Production Support Services
  1. Maintenance of the CoRE and Record Linkage software
     a. Bug resolution
     b. Security updates
     c. Software patching
     d. Algorithm updates
     e. Software updates aligned with new or deprecated Azure functionality.
     f. Troubleshooting
     g. Release installation
  2. Azure Platform support
     a. Azure updates or upgrades that require manual intervention (such as Azure Kubernetes Service, Azure Virtual Desktop, etc.)
     b. Infrastructure as Code management
     c. Certificate management and installation
     d. Updates to Azure services as it relates to new features.
     e. Troubleshooting escalation

4. IT ENVIRONMENT RESPONSIBILITIES

For a State Hosted Software Solution:

Definitions:

Application – Software programs which provide functionality for end user and Contractor services.

Development - Process of creating, testing and maintaining software components.

Component Matrix	Name all contractor(s) and/or subcontractor(s) providing each contract component
Application	**Resultant**
Development	**Resultant**

No subcontractors will be used for delivery or support of the solution.

5. ADA COMPLIANCE

The State is required to comply with the Americans with Disabilities Act of 1990 (ADA), and has adopted a formal policy regarding accessibility requirements for websites and software applications. All websites, applications, software, and associated content and documentation provided by the Contractor as part of the Solution must comply with the Digital Accessibility Standards. As of the date of the posting of this RFP, the State's current accessibility standard is Level AA of the World Wide Web Consortium (W3C) Web Content Accessibility Guidelines (WCAG) 2.0. However, the State intends to move to WCAG 2.1 Level AA and all products must be in compliance with the new standard, upon its implementation by the State.

6. USER TYPE AND CAPACITY

Contractor Solution must meet the expected number of concurrent Users below:

Type of User	Access Type	Number of Users	Number of Concurrent Users
Administrator	Administrator users oversee the technical cloud environment and user access	25	25
Project Manager	The data analyst who is tasked with creating the dataset requests and interacting with data stewards. They invite other data analysts to collaborate on projects. Project Managers are automatically Data Analysts on the projects they create.	3000	300
Data Analyst	Analysts who will be consuming data in the Analytic Environment. They can also be a Project Manager on certain projects.	5000	500
Data Steward	Publisher of data on the platform.	5000	500

External Analyst	Researchers approved by the State	Unknown	Unknown

The State will grant external users read access to the solution. This process will be managed by the State.

The Solution must be able to meet the following tiered access requirements related to user type:

- Ability to export files and scripts is determined by user role.
- Ability for external users to save their own draft analysis progress/scripts internally without need for export.
- Access to each data set is assigned to projects by state administrators. Users below a certain level may not assign access to data sets.
- Untrusted users may not share or access an outside clipboard from the software other than that clipboard belonging to the analysis software, but others may.

For External Users:

- Disallow external users from uploading or download data, scripts, or any other information without administrator approval.
- Ability to selectively approve or assign R/Python packages for external users.
- Data export approval pathways/process built into software so external users may request data export from owners/stewards, who are notified upon export requests.
- Ability to provide access to specific scripts or code repositories (preferably VCS repositories, e.g., Git repos) that are internal to software environment so untrusted users aren't made to start from scratch each time.

7. ACCESS CONTROL AND AUTHENTICATION

The Contractor's solution must implement identity federation with the State's MiLogin IT Identity and Access Management (IAM) environment as described in the State of Michigan Administrative Guide (1340.00.020.08 Enterprise Identity and Access Management Services Standard (michigan.gov) .

To support federation with the SOM MILogin solution, the Contractor's solution must support SAML, OpenID or OAuth federated identity protocols.

Solutions running within the States internally managed IT environment may be suitable for integration with the State's Active Directory services as identified in the 1340.00.020.08 standard.

8. DATA RETENTION AND REMOVAL

The Solution allows the State to retain all data for the entire length of the Contract.

The Solution allows the State to delete data, even data that may be stored off-line or in backups.

The Solution allows the State to retrieve data, even data that may be stored off-line or in backups.

Contractor's solution allows Michigan to have full control over the data stored in the environment, therefore SOM can retain, delete, and remove data at any point in time.

9. END USER AND IT OPERATING ENVIRONMENT

The SOM IT environment includes FedRAMP authorized major cloud providers and on-premise market leading virtualization environments, with supporting platforms that includes enterprise storage, monitoring, and management running in house and in cloud hosting provides.

Contractor must accommodate the latest browser versions (including mobile browsers) as well as some pre-existing browsers. To ensure that users with older browsers are still able to access online services, applications must, at a minimum, display and function correctly in standards-compliant browsers and the state standard browser without the use of special plug-ins or extensions. The rules used to base the minimum browser requirements include:

• Over 2% of desktop and mobile & tablet site traffic, measured using Michigan.gov sessions statistics and
• The current browser identified and approved as the State of Michigan standard

This information can be found at https://www.michigan.gov/browserstats. Please use the most recent calendar quarter to determine browser statistics. Support is required for those desktop and mobile & tablet browsers identified as having over 2% of site traffic.

Contractor must support the current and future State standard environment at no additional cost to the State.

10. SOFTWARE

Software requirements are identified in **Schedule A – Table 1 Business Specification Worksheet.**

Contractor must provide a list of any third-party components, and open source component included with or used in connection with the deliverables defined within this Contract. This information must be provided to the State on a quarterly basis and/or if a new third-party or open source component is used in the performance of this Contract.

Look and Feel Standards
All software items provided by the Contractor must adhere to the State of Michigan Application/Site standards which can be found at https://www.michigan.gov/standards.

Mobile Responsiveness
If the software will be used on a mobile device as define in Schedule A – Table 1, Business Specification Worksheet, the Software must utilize responsive design practices to ensure the application is accessible via a mobile device.

SOM IT Environment Access
Contractor must access State environments using one or more of the following methods:

- State provided VDI (Virtual Desktop Infrastructure) where compliant.
- State provided and managed workstation device.
- Contractor owned and managed workstation maintained to all State policies and standards.
- Contractor required interface with State Systems which must be maintained in compliance with State policies and standards as set forth in **Schedule E – Data Security Requirements**.

Contractor will not access State environments or State Systems from locations outside the United States or the jurisdiction territories of the United States.

11. INTEGRATION

Contractor must integrate their solution to the following technologies:

Current Technology	**MiLogin -** Provides a comprehensive solution for State of Michigan Single Sign-On, user authentication, and account/identity management services for internal (SOM workers) and external (third-party and citizen) users. MiLogin is available for agency-customized, commercial off-the-shelf (COTS), web applications, and mobile applications.
Volume of Data	User authentication for each user at log in.
Format of the input & export files	Basic federations utilizing: - Security Assertion Markup Language (SAML) 2.0, - Open Authorization (OAuth), or - Open ID Connect (OIDC)

12. MIGRATION – RESERVED

Migration may be needed later and will be added via a change notice to the Contract.

13. HARDWARE - RESERVED

14. TRAINING SERVICES

The Contractor must provide administration and end-user training for implementation, go-live support, and transition to customer self-sufficiency.

The Contractor will host up to 4 virtual training sessions for administrators and key stakeholders of the solution. This will include how to operate the environment, configure the environment, and provide training documentation to the administrators that can then train or assist end users with accessing and operating the environment. The size of these class will be mutually agreed on by both SOM and Resultant prior to project launch.

15. TRANSITION RESPONSIBILITIES

See Schedule G – Transition In and Out Plan for further information.

16. DOCUMENTATION

Contractor must provide all user manuals, operating manuals, technical manuals and any other instructions, specifications, documents or materials, in any form or media, that describe the functionality, installation, testing, operation, use, maintenance, support, technical or other components, features or requirements of the Software.

Contractor must develop and submit for State approval complete, accurate, and timely Solution documentation to support all users, and will update any discrepancies, or errors through the life of the contract.

The Contractor's user documentation must provide detailed information about all software features and functionality, enabling the State to resolve common questions and issues prior to initiating formal support requests.

The following documentation will be provided by the Contractor:

1. **User Manuals or Guides**:
   - User manuals or guides provide comprehensive instructions on how to use the application. They typically cover various aspects, such as navigation, features, functionalities, and common tasks.
   - These documents explain the application's interface, terminology, and workflows, helping users become familiar with the system and its capabilities.
2. **Quick Start Guides**:
   - Quick start guides offer concise and simplified instructions for users who want to quickly get started with the custom application.
   - They provide an overview of the essential features, basic navigation, and key tasks to perform, enabling users to begin using the application without delving into detailed documentation.
3. **Onboarding Tutorials**:
   - Onboarding tutorials are interactive guides or walkthroughs that assist users in the initial stages of using the custom application.
   - These tutorials provide step-by-step instructions, often with visuals or interactive elements, to help users set up their accounts, configure settings, and start using the application efficiently.
4. **FAQs (Frequently Asked Questions)**:
   - FAQs address common questions, concerns, and issues that end-users may encounter while using the custom application.
   - They provide clear and concise answers to frequently asked questions, troubleshooting tips, and resolutions to common problems, allowing users to quickly find solutions to their queries.

5. **Troubleshooting and Support Documentation**:
    - Troubleshooting and support documentation helps users diagnose and resolve issues they may encounter while using the custom application.
    - These documents provide guidance on identifying common problems, troubleshooting steps, error messages, and contact information for technical support.
7. **Training Materials**:
    - Training materials can include presentations, videos, interactive modules, or instructor-led sessions designed to train users on how to effectively use the custom application.
    - These materials cover various aspects of the application, including features, best practices, workflows, and advanced functionalities, allowing users to enhance their knowledge and skills.
8. **Release Notes**:
    - Release notes inform end-users about new features, enhancements, bug fixes, and changes introduced in each software release or update of the custom application.
    - These documents provide a summary of the changes and how they may impact users' experience or workflows.

17. ADDITIONAL PRODUCTS AND SERVICES

The State will provide its own Software licensing for the following (this list may not be all inclusive): cloud licensing / subscriptions (i.e. Microsoft Office, Tableau, Power BI, Azure subscriptions, VDI CALs, etc.). These are required to use the provided Contractor Software.

18. CONTRACTOR PERSONNEL

Contractor Contract Administrator. Contractor resource who is responsible to(a) administer the terms of this Contract, and (b) approve and execute any Change Notices under this Contract.

Contractor
Name: John Roach **Address: 111 Monument Circle, Suite 202 Indianapolis IN 46204** **Phone: 913-240-6830** **Email: jroach@resultant.com**

Contractor Security Officer. Contractor resource who is responsible to respond to State inquiries regarding the security of the Contractor's Solution. This person must

have sufficient knowledge of the security of the Contractor Solution and the authority to act on behalf of Contractor in matters pertaining thereto. Contractor must inform the State of any change to this resource.

Contractor
Name: Dave Hill **Address: 111 Monument Circle, Suite 202 Indianapolis IN 46204** **Phone: 317-452-1720** **Email: dhill@resultant.com**

Additional Contractor Personnel:

Executive Sponsor

- Advises on escalated issues.
- Provides guidance and oversight at key checkpoints throughout the engagement.

Engagement Manager.

- Ensures successful project delivery to client by working with business and technical stakeholders, and primary contacts at the SOM.
- Serves as Escalation point within Resultant on project delivery resources.
- Allocates resources to support successful project implementation.
- Advise on project risks and roadblocks.

Project Manager.

- Manages overall project timeline, budget, scope.
- Prioritizes and schedules the team's activities.
- Coordinates efforts between Resultant, the SOM, and participating agencies

Solution Architect.

- Determine the technical environments.
- Advise on each team's technical activities.
- Identify and own the architectural and other technical based risks.
- Promote appropriate standards of technical best practice.
- Control the technical integration and configuration of the solution.
- Ensure that the solution is evolving correctly.
- Approve the solution as technically fit for purpose prior to deployment.

Cloud Engineer.

- Designs and deploys Azure infrastructure to run projects.

- Creates Infrastructure as Code scripts to deploy Azure components.
- Reviews scans for security vulnerabilities and resolves issues.
- Reviews logs for unexpected activity.
- Creates and updates automated log alerts based on system activity.
- Identity system integration.
- Platform Support

Machine Learning Engineer.

- Designs, develops, and productionizes machine learning models.
- Works with data scientists and engineers to deploy models for use in end-user applications.
- Builds and maintains pipelines for model training and development.

Security/Compliance Consultant.

- Identifies the relevant state and federal security policies that SOM must be compliant with
- Reviews the security policies and requirements for SOM that the project team must adhere to
- Advises the team on how to navigate the state's ATO process.

Technical Writer.

- Coordinates project deliverables and any other necessary documentation.
- Edits and formats documentation for consistency and clarity

Product Consultant.

- Coordinates training sessions on platform for System Administrators and Agency Managers.
- Supports SOM team members for single point of contact for solution operation.

19. CONTRACTOR KEY PERSONNEL

Contractor Project Manager. Contractor resource who is responsible to serve as the primary contact with regard to services who will have the authority to act on behalf of the Contractor in matters pertaining to the implementation services, matters pertaining to the receipt and processing of Support Requests and the Support Services.

Contractor
Name: Jared Linder

Address: 111 Monument Circle, Suite 202 Indianapolis IN 46204
Phone: 317-779-4662
Email: jlinder@resultant.com

20. CONTRACTOR PERSONNEL REQUIREMENTS

Background Checks. Contractor must present certifications evidencing satisfactory ICHAT results for all staff identified for assignment to this project to the State of Michigan Program Manager designated for this Contract. In addition, proposed Contractor personnel will be required to complete a Michigan State Police background check and/or submit an RI-8 Fingerprint Card for the National Crime Information Center (NCIC), if required by project.

Annually, Contractor must perform an ICHAT for all staff identified for assignment to this project. Annual background check results will be reported to the State of Michigan Program Manager designated for this Contract.

During the Term, Contractor will disclose to the State of Michigan Program Manager for this Contract, in writing at or before the beginning of the next scheduled duty shift:

a. A felony or misdemeanor court conviction, whether by guilty plea, no contest plea or trial.
b. A felony arraignment.
c. Restriction, suspension, or loss of driving privileges for any reason, if the employee's current position requires possession of a valid driver's license.

Contractor will pay for all costs associated with ensuring its staff meet all requirements.

Contractor must notify the State Program Manager(s) prior to removing or replacing any Contractor Personnel with access to State Data under this Contract. Contractor must also provide written certification to the State Program Manager(s) that Contractor Personnel's access to State Data has been terminated. Contractor must notify the State at least 10 business days in advance of allocating Contractor Personnel to multiple State Contracts or Projects. Contractor must provide detail of how a given Contractor Personnel meets the resource experience requirements in advance of replacing a Contractor Personnel. Contractor must provide monthly summary of Contractor Personnel allocation for all Contractor Personnel who have access to State Data.

Contractor must seek approval from the State prior to removing or replacing any Contractor Personnel with access to State Data.

Offshore Resources. Use of Offshore Resources is prohibited per the Schedule E – Data Security Requirements. Contractor must comply with the data security and other requirements in this Contract.

Disclosure of Subcontractors. If the Contractor intends to utilize subcontractors, the Contractor must disclose the following:

- The legal business name; address; telephone number; a description of subcontractor's organization and the services it will provide; and information concerning subcontractor's ability to provide the Contract Activities.
- The relationship of the subcontractor to the Contractor.
- Whether the Contractor has a previous working experience with the subcontractor. If yes, provide details of that previous relationship.
- A complete description of the Contract Activities that will be performed or provided by the subcontractor.
- Geographically Disadvantage Business Enterprise Sub-Contractors: If the Contractors plan to utilize Subcontractors to perform more the 20% of the deliverables under this Contract, at least 20% of that Subcontractors work must be awarded to Michigan-based Geographically Disadvantaged Business Enterprises (GDBE). Contractor will submit a plan detailing all Subcontractors to be used, including the percentage of the work to be done by each. Contractor must inform the State to the name and address of the GDBE, the percentage of the work they will complete, the total amount estimated to be paid to the GDBE, and provide evidence for their qualifications as a GDBE. If Contractor cannot find GDBE Subcontractors to meet this requirement they must provide reasoning and justification to receive an exemption from this requirement from the State. (Existing business relationships will not be an approved reason for this.)

  GDBE definition: "Geographically-Disadvantaged Business Enterprise" means a person or entity that satisfies one or more of the following: (i) Is certified as a HUBZone Small Business Concern by the United States Small Business Administration. (ii) Has a principal place of business located within a Qualified Opportunity Zone within Michigan. (iii) More than half of its employees have a principal residence located within a Qualified Opportunity Zone within Michigan, or both.

  Additional information on GDBEs can be found here:

  Michigan Qualified Opportunity Zone (QOZ) Map

  Michigan Supplier Community (MiSC) Page

21. STATE RESOURCES

The State will provide the following resources as part of the implementation and ongoing support of the Solution.

State Contract Administrator. The State Contract Administrator is the individual appointed by the State to (a) administer the terms of this Contract, and (b) approve and execute any Change Notices under this Contract.

State Contract Administrator
Name: Jarrod Barron **Phone: 517-249-0406** **Email: barronj1@michigan.gov**

Program Managers. The DTMB and Agency Program Managers (or designee) will jointly approve all Deliverables and day to day activities.

DTMB Program Manager
Name: Kevin Doyle **Phone: 517-331-0857** **Email: doylek4@michigan.gov**

DTMB IT Program Manager
Name: Giget Schyler **Phone: 517 582-8330** **Email : schylerg@michigan.gov**

22. MEETINGS

At start of the engagement, the Contractor Project Manager must facilitate a project kick off meeting with the support from the State's Project Manager and the identified State resources to review the approach to accomplishing the project, schedule tasks and identify related timing, and identify any risks or issues related to the planned approach. From project kick-off until final acceptance and go-live, Contractor Project Manager must facilitate weekly meetings (or more if determined necessary by the parties) to provide updates on implementation progress. Following go-live, Contractor must facilitate monthly meetings (or more or less if determined necessary by the parties) to ensure ongoing support success.

23. PROJECT CONTROL & REPORTS

Once the Project Kick-Off meeting has occurred, the Contractor Project Manager will monitor project implementation progress and report on a weekly basis to the State's Project Manager the following:

- Progress to complete milestones, comparing forecasted completion dates to planned and actual completion dates

- Accomplishments during the reporting period, what was worked on and what was completed during the current reporting period
- Indicate the number of hours expended during the past week, and the cumulative total to date for the project. Also, state whether the remaining hours are sufficient to complete the project
- Tasks planned for the next reporting period
- Identify any existing issues which are impacting the project and the steps being taken to address those issues
- Identify any new risks and describe progress in mitigating high impact/high probability risks previously identified
- Indicate the amount of funds expended during the current reporting period, and the cumulative total to date for the project.

All Contractors must submit and enter weekly timesheets into the State of Michigan's Project Portfolio Management tool, Clarity PPM, for approval and reporting. The weekly Clarity PPM timesheet will contain hours worked for assigned project tasks.

The Contractor will create a custom dashboard to track tasks, responsibilities, and project needs. Throughout this project Resultant will ensure weekly timesheets are completed by assigned project staff, SOM receives weekly stand ups prior to go live that detail:

- Progress to milestones
- Accomplishments
- Hours expended
- Upcoming tasks
- Issues
- Risks
- Expenditure of funds

Contractor will closely monitor and report on a weekly, monthly, and quarterly basis the performance metrics, risks, scope, schedule, changes, and overall health across all facets of the project to ensure key stakeholders are well informed and equipped to make decisions.

24. PROJECT MANAGEMENT

The Contractor Project Manager will be responsible for maintaining a project schedule (or approved alternative) identifying tasks, durations, forecasted dates and resources – both Contractor and State - required to meet the timeframes as agreed to by both parties.

Changes to scope, schedule or cost must be addressed through a formal change request process with the State and the Contractor to ensure understanding, agreement

and approval of authorized parties to the change and clearly identify the impact to the overall project.

SUITE Documentation
In managing its obligation to meet the above milestones and deliverables, the Contractor is required to utilize the applicable State Unified Information Technology Environment (SUITE) methodologies, or an equivalent methodology proposed by the Contractor.

Milestones/Deliverables for Implementation
The State's proposed milestone schedule and associated deliverables are set forth below.

Milestone Event	Associated Milestone Deliverable(s)	Schedule
Project Planning	Project Kickoff	Contract Execution + 10 calendar days
Requirements and Design Validation	Validation sessions, Final Requirement Validation Document, Final Design Document, Final Implementation Document	Execution + 90 calendar days
Provision environments	Validate Test and Production environments	Execution + 90 calendar days
Installation and Configuration of software	Final Solution and Testing Document	Execution + 120 calendar days
Testing and Acceptance	Final Test Results Report, Final Training Documentation, Final Acceptance	Execution+150 calendar days
Post Production Warranty	Included in the cost of Solution.	Production + 90 calendar days
Production Support Services	Ongoing after Final Acceptance.	Ongoing

25. HUMAN CENTERED DESIGN (HCD) - RESERVED

26. ADDITIONAL INFORMATION

The State reserves the right to purchase any additional services or products from the Contractor during the duration of the Contract.

SCHEDULE A – ATTACHMENT 1 – BUSINESS SPECIFICATION WORKSHEET

The Business Specifications Worksheet contains columns and is defined as follows:

Column A: Business Specification number.

Column B: Business Specification description.

Column C: Contractor description of how it will comply with the business Specification. Contractor must enter **"Y"** to one of the following:

- **Current Capability –** This capability is available in the proposed Solution with no additional configuration or cost
- **Requires Configuration –** This capability can be met through Contractor-supported changes to existing settings and application options as part of the initial implementation at no additional cost (e.g., setting naming conventions, creating user-defined fields).
- **Customizations to Software Required** – The requirement can be met through Contractor modifying the underlying source code, which can be completed as part of the initial implementation.
- **Future Enhancement –** This capability is a planned enhancement to the base software that Contractor plans on providing to all of its licensees and will be available within the next 12 months of contract execution at no additional cost.
- **Not Available –** This capability is not currently available, and a future enhancement is not planned.

NOTE: Configuration is referred to as a change to the Solution that must be completed by the awarded Contractor prior to Go-Live but allows an IT or non-IT end user to maintain or modify thereafter (i.e. no source code or structural data model changes occurring).

Customization is referred to a modification to the Solution's underlying source code, which can be completed as part of the initial implementation. All configuration changes or customization modifications made during the term of the awarded contract must be forward-compatible with future releases and be fully supported by the awarded Contractor without additional costs.

Contractor shall understand that customizations (i.e. changes made to the underlying source code of the Solution) may not be considered and may impact the evaluation of the Contractor's proposal.

Column D: The Contractor must also fully disclose how they will meet the requirements in their proposal response. This column is for Contractor to describe how they will deliver the business Specification and if the Contractor proposes configurations or customizations, the Contractor must explain the details of the impacted risk that may be caused if configured or customized to meet the business Specification. Description must be no more than 250 words for each business Specification.

A	B	C					D
Business Specification Number	**Business Specification**	**Current Capability**	**Requires Configuration**	**Requires Customization**	**Future Enhancement**	**Not Available**	**Contractor's explanation of how they will deliver the business Specification.**
REQUIRED	**Critical Solution Requirements**						

1.0	Solution to provide the ability to assign access levels to users.	Y					Users can be assigned roles in the system. Solution supports administrator creation of custom roles.
1.1	Solution to provide the State with the ability to set role-based access.	Y					Users can be assigned roles in the system. Solution supports administrator creation of custom roles.
1.2	Solution to provide the State with the ability to set data governance roles for the purpose of data set assignment and data export approval.	Y					Administrators can set custom roles in the system for the purpose of dataset assignment and data export approval.
2.0	Solution shall have a SQL environment for data engineering such as SSMS, Azure Data Studio, etc.	Y					Solution supports ability to install SSMS or Azure Data Studio for SQL environment management.
3.0	Solution will allow external users to download files only upon approval by an appropriate administrator or data steward.	Y					Solution supports ability to download files upon approval by individual users or group of users.
4.0	Solution can have access to IDEs for R and Python – e.g. RStudio for R and Spyder for Python.	Y					Solution supports installation of R, R-Studio, Spyder for end user access.
5.0	Solution can aggregate compute time cost by project to allow for billing based on project time use.	Y					Solution provides a billing module which allows tracking of project and user costs.

6.0	Solution can disable internet access for external users' analytics environments/VDIs, including Python and R web traffic, e.g., API calls and library installation from open internet sources.	Y					Solution has firewall which can be configured to block all traffic or allow for exclusions for certain types of traffic.
7.0	Contractor's Software must have security controls in adherence with FISMA and applicable federal requirements.	Y					Resultant solution meets minimum FISMA requirements although additional configurations may be required based on Michigan DTMB policies.

A	B	C					D
Business Specification Number	**Business Specification**	**Current Capability**	**Requires Configuration**	**Requires Customization**	**Future Enhancement**	**Not Available**	**Contractor must explain how they will deliver the business Specification. Explain the details of any configuration/customization and the impacted risk that may be caused if configured or customized to meet the business specification.**
REQUIRED	**Cloud Based Infrastructure Requirements**						
1.0	Solution can have the ability to run in the State's managed instance of a government cloud environment	Y					Solution can be deployed in the state managed instance of cloud provider.
2.0	Solution can utilize native cloud platform secrets management for sensitive keys and passwords	Y					Solution uses state hosted cloud native secrets, keys and password management.

3.0	Solution can be deployed via infrastructure-as-code.	Y					Solution can be deployed via infrastructure as code.
4.0	Solution can log all activity happening within the solution environment including all data access and activity for security and auditing	Y					Solution logs system events such as access grants, project and data set grants and revocations.
5.0	Solution can configure automated alerts based on activity in logs.						Solution can be configured to automate alerts based on activity in logs.
6.0	Solution can scale up dynamic infrastructure to meet current demand.	Y					Solution can auto scale analytics nodes for on-demand capacity and desktop infrastructure can be scaled based on needs.
7.0	Solution can shutdown unused infrastructure to conserve cloud compute cost	Y					Solution can be configured by system administrator to auto shutdown infrastructure to minimize cloud costs when not in use.
8.0	Software can support operation on State hosted VDI infrastructure	Y					Solution will be deployed to use state hosted Virtual Desktop infrastructure.
9.0	Software can allow for user VDIs to be labeled trusted or external	Y					Solution can deploy both trusted and external VDI’s.

10.0	Software can prohibit internet access from external VDIs	Y					Solution can prohibit internet access from VDI's for external users.
11.0	Solution can prohibit copy/paste into or out of external VDIs.	Y					Solution can prohibit cut/copy/paste functions into or out of VDI's

Business Specification Number	**Business Specification**	**Current Capability**	**Requires Configuration**	**Requires Customization**	**Future Enhancement**	**Not Available**	**Contractor must explain how they will deliver the business Specification. Explain the details of any configuration/customization and the impacted risk that may be caused if configured or customized to meet the business specification.**
Required	**Record Linkage Requirements**						
1.0	Solution to ingest metadata about the datasets, including datasets in the data lake and others uploaded by the user	Y					Solution can ingest metadata about the datasets, that specify the mapping of columns to PII (for record linkage). Record Linkage DAGs can prepare the datasets from these specs
2.0	Solution to cryptographically hash data before ingress, in a way that preserves the ability to probabilistically match and protect the data from	Y					Solution has a separate locality sensitive hashing container that is distributed to the data owners for one way hashing the data and then ingest to record linkage

	reidentification in a provably NP complete manner						
3.0	Solution to provide generalized matching capability which should be able to deduplicate entities within and across datasets	Y					Solution can match records and deduplicate within and across sources.
4.0	Solution to provide generalized probabilistic matching where the default configuration should be able to match without specifying business rules per dataset	Y					Solution has a default probabilistic matching mode that is able to match without specifying business rules for matching
5.0	Solution can allow the user to tune matching accuracy and bias based on the requirements of the use case	Y					Solution allows user to tune the matching accuracy based on requirements of the use case.
6.0	Solution can delineate false positive and false negative matches in an accuracy report	Y					Solution has a built-in QA module that has default rules with false positive and false negative matches.
7.0	Solution can provide domain knowledge inclusion where the	Y					Solution has built in configuration files where solution administrator can specify business rules to tune the output

	administrator can specify business rules to tune the output						
8.0	Test of datasets against data quality rules specified by the metadata	Y					Solution will use the data quality module prior to execution to test for data quality issues.
9.0	Creation of universal keys for entities based on probabilistic match of data elements from datasets	Y					Solution will create unique universal identifier that allows for linkage of data elements across all data sets where matches occurred.
10.0	Massively parallelization capability where the run-time is minimized for large datasets and capability to run on-demand	Y					Solution will parallelize job to minimize runtimes for large data sets. Jobs can be scheduled or ran on-demand.
11.0	Cloud-burstable and cost optimization capability where computation heavy resources are deallocated when not running record linkage	Y					Solution auto scales down and deallocates infrastructure after job completion to minimize cloud costs.
12.0	Solution to have diagnostic tools for record linkage algorithms (automated reports on precision, recall, etc.).	Y					Solution has automated reports for precision recall, etc. as part of the Quality Control module.

Business Specification Number	Business Specification	Current Capability	Requires Configuration	Requires Customization	Future Enhancement	Not Available	Contractor must explain how they will deliver the business Specification. Explain the details of any configuration/customization and the impacted risk that may be caused if configured or customized to meet the business specification.
Required	**Data Anonymization Requirements**						
1.0	Detection of Personally Identifiable Information (PII)	Y					Upon execution of new job, PII metadata fields are identified and can be tagged throughout the workflow until completion.
2.0	Identification of PII or sensitive data through metadata configuration	Y					Solution supports identification of PII or sensitive data through metadata tagging and configuration.
3.0	Capability to de-identify sensitive data based on customized rules	Y					Solution supports ability to create workflow to de-identity sensitive data within a job.
4.0	One-way hash data to make sensitive data not human readable	Y					Data can be one-way hashed to make the data not human readable.
5.0	Privacy-preserving record linkage where the sensitive data is one-way hashed but linkable with other datasets	Y					Data that is one-way hashed can be linked with other data that has been hashed to preserve linkage of data without disclosing PII.

Business Specification Number	Business Specification	Current Capability	Requires Configuration	Requires Customization	Future Enhancement	Not Available	Contractor must explain how they will deliver the business Specification. Explain the details of any configuration/customization and the impacted risk that may be caused if configured or customized to meet the business specification.
Required	**Data Set Requirements**						
1.0	Data sets have assigned owners/stewards for notification and external export approval pathways.	Y					Data sets can have assigned data owners which will be notified within the CoRE portal for approval for external exports.
2.0	Data sets are assigned to projects, not individual users. Users of varying permission levels may be assigned to a project and have varying levels of access respective to their user level of permission.	Y					Solution allows for data sets to be assigned to a project that can then be consumed by users with different access levels.
3.0	Data set storage and access adheres to federal requirements.	Y					

Business Specification Number	Business Specification	Current Capability	Requires Configuration	Requires Customization	Future Enhancement	Not Available	Contractor must explain how they will deliver the business Specification. Explain the details of any configuration/customization and the impacted risk that may be caused if configured or customized to meet the business specification.
Required	**General Solution Requirements**						

1.0	Solution shall have a code-first data analytics environment.	Y					Solution supports code first analytics by providing tools for R, R-Studio, Spyder and other open source analytics packages.
2.0	Solution shall have a metadata catalog available for user access based on user permissions.	Y					Solution allows for dataset searching based on the metadata registered in the CoRE solution. User search results are based on user permissions.
3.0	Solution shall be able to provide administrator ability to terminate processes/VDIs/resources/users for instances of resource/access/bottleneck issues.	Y					Solution allows for administrator to control to terminate processes, VDI's, resources or users for any reason.
4.0	Solution shall have access to code version control system (VCS) such as Git for both trusted and external users.	Y					Solution supports ability to integrate a version control system such as git solution for both trusted and external users.
5.0	Solution can set and modify timelines for project expiration.			Y			Solution supports the ability to warm archive projects in the system. System also supports ability to Cold Archive projects to external storage location which would expunge the project from the system. Timelines for project expiration could be added with customization.
6.0	Solution can set and modify users assigned to a project.	Y					Solution allows administrators to add or remove users assigned to a project.
7.0	Solution can set and modify data sets assigned to a project.	Y					Solution allows data sets to be assigned to projects.

8.0	Solution can set and modify limits on computational resource access and usage limits.	Y					Solution can be set by administrator to limit computational resources and usage limits.
9.0	Solution can include agency managers/owners/stewards on access notifications pertaining to their data.	Y					Solution includes request notifications within portal based on requests on projects in which users are managers/owners/stewards.
10.0	Solution has the capability to make announcements to all users.	Y					Solution allows administrators to post notifications that are visible to all users.
11.0	Solution has the ability to change a user's trust level in system.	Y					Solution allows for administrators to change a user's trust level.
12.0	Solution has the ability to provide data access notifications based on federal requirements.	Y					Solution provides audit logs for data being attached to projects and user membership of projects. Data requests for projects will notify data owners for access response.

Business Specification Number	**Business Specification**	**Current Capability**	**Requires Configuration**	**Requires Customization**	**Future Enhancement**	**Not Available**	**Contractor must explain how they will deliver the business Specification. Explain the details of any configuration/customization and the impacted risk that may be caused if configured or customized to meet the business specification.**
Required	**Optional Software Requirements**						
1.0	Ability to use office suite of products within virtual environment, i.e. at least word	Y					Solution supports ability to install Microsoft Office desktop products.

	processor, spreadsheet, and slideshow tools.						

SCHEDULE B - PRICING

Price proposals must include all costs for the licensing, support, implementation, and training for the Solution.

1. Licensing Fees. If Contractor is proposing a perpetual license, Contractor shall include the one-time cost of the license, which shall cover all intended users of the Solution (please refer to the estimated number and type of users identified in the **User Type and Capacity Section of Schedule A - Statement of Work**). If Contractor is proposing a term-based license, Contractor shall include annual costs for the term-based license for, which shall cover all intended users of the Solution (please refer to the estimated number and type of users identified in the **User Type and Capacity Section of Schedule A - Statement of Work)**. While the State is looking for precise pricing based on the estimated number of users, Contractor is encouraged to also provide a separate, tiered pricing structure to afford the State discounted pricing based on potential increases in volume in the future. If Contractor offers an enterprise pricing model (e.g. unlimited number of users), it is encouraged to separately provide that pricing option as well.

If Contractor is proposing a subscription License Model, only Table A must be completed. If Contractor is proposing a Perpetual License Model, License costs must be included in Table B.

2. Support Service Fees. The Contractor must identify any monthly costs for ongoing support of the Solution (the "**Support Service Fees**") to meet the requirements of **Schedule D to the Contract Terms - Service Level Agreement.** Separate Support Service fees must be documented in Table B below.

3. Hosting Fees. If Contractor is proposing a perpetual license with a separate hosting cost (direct or through a Permitted subcontractor), Contractor must provide the monthly hosting cost in Table B below. Contractor shall include the hosting costs to accommodate all intended users of the Solution (please refer to the estimated number and type of users identified in the **User Type and Capacity Section of Schedule A - Statement of Work**). Contractor must also provide tiered pricing for hosting to accommodate future growth or reductions.

Table A - Subscription or Term License Model

Subscription Based - Product Name	Annual License Subscription Fee (Price per user)	Annual Tiered Pricing	Annual Enterprise Licensing – Unlimited Number of Users
Collaborative Research Environment (CoRE)			**$200,000**
CoRE Analysis Enablement Bundle[1]			**$150,000**
Production Support Services[2]			**$220,000** [3]

All costs are exclusive of SOM cloud consumption and other SOM third-party license fees for SOM databases, SOM analysis software, SOM visualization software, etc. It is assumed the state has existing licenses for this software which can be used within the CoRE Environment.

Annual Licensing and Services	Year	Annual Fees
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 1	$100,000 $75,000 $110,000
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 2	$200,000 $150,000 $226,600 [3]
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 3	$200,000 $150,000 $233,398 [3]
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 4	$200,000 $150,000 $240,399 [3]
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 5	$200,000 $150,000 $247,612 [3]
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 6	$200,000 $150,000 $255,041

[1] Includes Record Linkage, Data Anonymization, and analysis images with commonly used open source toolsets

• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 7	$200,000 $150,000 $262,693
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 8	$200,000 $150,000 $270,574
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 9	$200,000 $150,000 $247,612
• CoRE License • CoRE Analysis Enablement Bundle • Production Support Services	Year 10	$200,000 $150,000 $278,692

Licensing and Production Support Services costs will be paid after installation, configuration, and State testing and acceptance of the Solution.

Subsequent years will be billed in advance on the annual anniversary date of the contract execution for Licensing and Production Support Services.

The contract pricing for Support Fees will be awarded based on a firm fixed fee. However, for price evaluation purposes, Contractor must provide a breakdown of how Support Fees were calculated.

4. Implementation Fees. All costs associated with Implementation Services are included below (e.g. configuration, customization, migration, integration, testing, etc.) (the "**Implementation Fees**"). All costs are firm fixed.

Contractor must provide detailed pricing and a payment schedule for the implementation of their product.
Implementation Fees will be awarded based on a firm fixed fee. However, for price evaluation purposes, Contractor must provide a detailed breakdown of how Implementation Fees were calculated.

Implementation Fees

Activity	Fees
Project Management	$110,925
Requirements Design & Validation	$102,375
Provision Environments	$216,140
Installation and Configuration	$195,750
Testing and Acceptance	$77,484
Implementation Service Fees Total	**$667,540**

5. Postproduction Warranty. The Contractor must provide 90 calendar days postproduction warranty at no cost to the State. The postproduction warranty will meet all requirements of the contract, including all Support Services identified in Schedule D.

6. Rate Card for Ancillary Professional Services.
Rates shown below are for remote work.

Primary Consulting Role	Rate
BI Developer II	$189.00
Business Analyst II	$180.00
Consultant II	$180.00
Data Architect II	$225.00
Data Engineer II	$198.00
Data Scientist II	$225.00
Machine Learning Engineer II	$225.00
Software Developer II	$202.50
Solution Architect II	$225.00

Price proposals must include a fixed-price hourly-rate rate card for ancillary professional services (e.g. Customization or Configuration services) broken down by role (e.g. Solution design architect). If Contractor differentiates between on-site and remote services, provide pricing for both.

7. Open Source or Third Party Products
The Contractor must identify any open source or third-party products that include a separate licensing fee and will be used in connection with the proposed Solution.

8. Hardware Pricing
The Contractor must identify the hardware and pricing.

Product	Price
N/A	

9. Additional Pricing Terms

The Contractor is encouraged to offer quick payment terms. The number of days must not include processing time for payment to be received by the Contractor's financial institution.

Quick payment terms: _N/A_ % discount off invoice if paid within _N/A_ days after receipt of invoice.

Resultant will not provide a payment discount.

If Contractor reduces its prices, or offers a lower price to any other entity, private or public, for any of the Solution during the term of this Contract, the State shall have the immediate benefit of such lower prices for new purchases. Contractor shall send notice to the State's Contract Administrator with the reduced prices within fifteen (15) Business Days of the reduction taking effect.

Invoice Requirements
All invoices submitted to the State must include: (a) date; (b) purchase order or delivery order; (c) quantity; (d) description of the Solution; (e) unit price; (f) shipping cost (if any); (g) Contractor-generated invoice number and (h) total price.

Travel and Expenses
The State does not pay for overtime or travel expense

SCHEDULE C - INSURANCE REQUIREMENTS

1. General Requirements. Contractor, at its sole expense, must maintain the insurance coverage as specified herein for the duration of the Term. Minimum limits may be satisfied by any combination of primary liability, umbrella or excess liability, and self-insurance coverage. To the extent damages are covered by any required insurance, Contractor waives all rights against the State for such damages. Failure to maintain required insurance does not limit this waiver.

2. Qualification of Insurers. Except for self-insured coverage, all policies must be written by an insurer with an A.M. Best rating of A- VII or higher unless otherwise approved by DTMB Enterprise Risk Management.

3. Primary and Non-Contributory Coverage. All policies for which the State of Michigan is required to be named as an additional insured must be on a primary and non-contributory basis.

4. Claims-Made Coverage. If any required policies provide claims-made coverage, Contractor must:

a. Maintain coverage and provide evidence of coverage for at least 3 years after the later of the expiration or termination of the Contract or the completion of all its duties under the Contract;

b. Purchase extended reporting coverage for a minimum of 3 years after completion of work if coverage is cancelled or not renewed, and not replaced with another claims-made policy form with a retroactive date prior to the Effective Date of this Contract.

5. Proof of Insurance.

a. Insurance certificates showing evidence of coverage as required herein must be submitted to DTMB-RiskManagement@michigan.gov within 10 days of the contract execution date.

b. Renewal insurance certificates must be provided on annual basis or as otherwise commensurate with the effective dates of coverage for any insurance required herein.

c. Insurance certificates must be in the form of a standard ACORD Insurance Certificate unless otherwise approved by DTMB Enterprise Risk Management.

d. All insurance certificates must clearly identify the Contract Number (e.g., notated under the Description of Operations on an ACORD form).

e. The State may require additional proofs of insurance or solvency, including but not limited to policy declarations, policy endorsements, policy schedules, self-insured certification/authorization, and balance sheets.

f. In the event any required coverage is cancelled or not renewed, Contractor must provide written notice to DTMB Enterprise Risk Management no later than 5 business days following such cancellation or nonrenewal.

6. Subcontractors. Contractor is responsible for ensuring its subcontractors carry and maintain insurance coverage.

7. Limits of Coverage & Specific Endorsements.

Required Limits	Additional Requirements
Commercial General Liability Insurance	
Minimum Limits: $1,000,000 Each Occurrence $1,000,000 Personal & Advertising Injury $2,000,000 Products/Completed Operations $2,000,000 General Aggregate	Contractor must have their policy endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds using endorsement CG 20 10 11 85, or both CG 20 10 12 19 and CG 20 37 12 19.
Automobile Liability Insurance	
If a motor vehicle is used in relation to the Contractor's performance, the Contractor must have vehicle liability insurance on the motor vehicle for bodily injury and property damage as required by law.	

Required Limits	Additional Requirements
Workers' Compensation Insurance	
Minimum Limits: Coverage according to applicable laws governing work activities.	Waiver of subrogation, except where waiver is prohibited by law.
Employers Liability Insurance	
Minimum Limits: $500,000 Each Accident $500,000 Each Employee by Disease $500,000 Aggregate Disease	
Privacy and Security Liability (Cyber Liability) Insurance	
Minimum Limits: $1,000,000 Each Occurrence $1,000,000 Annual Aggregate	Contractor must have their policy cover information security and privacy liability, privacy notification costs, regulatory defense and penalties, and website media content liability.

8. Non-Waiver. This Schedule C is not intended to and is not to be construed in any manner as waiving, restricting or limiting the liability of either party for any obligations under this Contract, including any provisions hereof requiring Contractor to indemnify, defend and hold harmless the State.

SCHEDULE D – SERVICE LEVEL AGREEMENT (STATE HOSTED)

IF THE SOFTWARE IS STATE HOSTED, then the following applies:

The parties agree as follows:

1. Definitions. For purposes of this Schedule, the following terms have the meanings set forth below. All initial capitalized terms in this Schedule that are not defined in this Schedule shall have the respective meanings given to them in the Contract Terms and Conditions.

"**Contact List**" means a current list of Contractor contacts and telephone numbers set forth in the attached **Schedule D – Attachment 1** to this Schedule to enable the State to escalate its Support Requests, including: (a) the first person to contact; and (b) the persons in successively more qualified or experienced positions to provide the support sought.

"**Critical Service Error**" has the meaning set forth in the Service Level Table.

"**First Line Support**" means the identification, diagnosis and correction of Errors by the Contractor.

"**High Service Error**" has the meaning set forth in the Service Level Table.

"Low Service Error" has the meaning set forth in the Service Level Table.

"**Medium Service Error**" has the meaning set forth in the Service Level Table.

"**Resolve", "Resolved", "Resolution"** and the correlative capitalized terms mean, with respect to any particular Support Request, that Contractor has corrected the Service Error that prompted that Support Request and that the State has confirmed such correction and its acceptance of it in writing.

"**Service Credit**" has the meaning set forth in **Section 3**

"Service Error" means, generally, any failure or error referred to in the Service Level Table.

"**Second Line Support**" means services Contractor provides in response to a Support Request, including the identification, diagnosis and Resolution of Service Errors by the provision of (a) telephone and email assistance by a qualified individual on the Contact List and remote application support, or (b) on-site technical support at the State's premises by a qualified individual on the Contact List.

"Service Level Credit" means a credit on Fees payable to the State because of a Service Level Failure.

"Service Level Failure" means Contractor's failure to perform the Support in compliance with this Service Level Agreement within the applicable Service Level Metric.

"**Service Levels Metrics**" means the required Support Request Response and Resolution times referred to in the Service Level Table.

"**State Cause**" means any of the following causes of a Service Error: (a) a State server hardware problem; (b) a desktop/laptop hardware problem; or (c) a State network communication problem.

"**State Systems**" means the State's information technology infrastructure, including the State's computers, software, databases, electronic systems (including database management systems) and networks.

"**Support Hours**" means 8 a.m. to 5 p.m. EST.

"**Support Period**" means the period beginning immediately at the conclusion of the Warranty Period and ending on the date the Contract expires or is terminated.

"**Support Request**" means the State's request for Contractor to Respond to and Resolve a Service Error.

"Support Request Classification" means the type and/or severity designation of a Support Request according to and corresponding to the Service Error Classification of a Service Error that is the subject of a Support Request.

"Support Request Response Time" means the period of time, beginning when Contractor receives a Support Request, within which Contractor must acknowledge, in writing, its receipt of the Support Request, as set forth in the Service Level Table.

2. Second Line Support. The State will provide First Line Support prior to making a Service Request for Second Line Support. Contractor shall perform all Second Line Support during the Support Hours throughout the Support Period in accordance with the terms and conditions of this Schedule and the Contract, including the Service Level Metrics and other Contractor obligations set forth in this **Section 2.**

2.1 Second Line Support Responsibilities. Contractor shall:

(a) provide unlimited telephone support during all Support Hours;

(b) respond to and Resolve all Support Requests in accordance with the Service Level Metrics;

(c) provide unlimited remote Second Line Support to the State during all Support Hours;

(d) provide on-premise Second Line Support to the State if remote Second Line Support will not Resolve the Error; and

(e) provide to the State all such other services as may be necessary or useful to correct a Service Error or otherwise fulfill the Service Level requirements, including defect repair, programming corrections and remedial programming.

2.2 Support Requests. If a Service Error is not resolved by First Line Support and if the State has determined that a Service Error is not the result of a **State Cause**, the State may submit a Support Request. The State will include in its Support Request the applicable Support Request Classification (as set forth below in the Service Level Table) and a description of the Service Error and the time the State first observed the Service Error. The State will submit each Support Request by e-mail or telephone.

2.3 State Obligations. The State shall provide the Contractor with each of the following to the extent reasonably necessary to assist Contractor to reproduce operating conditions similar to those present when the State detected the relevant Service Error and to respond to and Resolve the relevant Support Request:

(i) if not prohibited by the State's security policies, remote access to the State Systems, and if prohibited, direct access at the State's premises;

(ii) output and other data, documents and information, each of which is deemed the State's Confidential Information as defined in the Contract; and

(iii) such other reasonable cooperation and assistance as Contractor may request.

2.4 Service Level Table. As set out in the **"Service Level Table"** below, applicable Service Level Metrics will be measured from the time Contractor receives a Support Request until the respective times Contractor has (a) responded to that Support Request, in the case of Support Request Response time and (b) Resolved that Support Request, in the case of Support Request Resolution time. Contractor shall respond to and Resolve all Support Requests within the following times based on the State's Support Request Classification, subject to the State's written agreement to revise such designation after Contractor's investigation of the reported Service Error:

SERVICE LEVEL TABLE

Support Request Classification	Definition	Service Level Metric for Required Support Request Response Time	Service Level Metric for Required Support Request Resolution Time)
Critical Service Error	Any Service Error comprising or causing any of the following events or effects issue affecting the entire system or a single critical production function: (a) Software down or operating in materially degraded state; (b) Data integrity at risk;	Contractor shall acknowledge receipt of a Support Request within 30 minutes.	For Software: Contractor shall Resolve the Support Request as soon as practicable and no later than 4 hours after Contractor's receipt of the Support Request. If the Contractor Resolves the Support Request by way of a work-around accepted in writing by the State, the support classification assessment will be reduced to a High Service Error.

Support Request Classification	Definition	Service Level Metric for Required Support Request Response Time	Service Level Metric for Required Support Request Resolution Time)
	(c) Material financial impact; (d) Widespread access interruptions: or (e) Classified by the state as a Critical Service Error		
High Service Error	(a) A Critical Service Error for which the State has received, within the Resolution time for Critical Service Errors, a work-around that the State has accepted in writing; or (b) Primary component failure that materially impairs Software's performance; (c) Data entry or access is materially	Contractor shall acknowledge receipt of a Support Request or, where applicable, the State's written acceptance of a Critical Service Error work-around, within 24 hours.	Contractor shall Resolve the Support Request as soon as practicable and no later than 2 Business Days after Contractor's receipt of the Support Request or, where applicable, the State's written acceptance of a Critical Service Error work-around.

Support Request Classification	Definition	Service Level Metric for Required Support Request Response Time	Service Level Metric for Required Support Request Resolution Time)
	impaired on a limited basis; or (d) performance issues of severe nature impacting critical processes		
Medium Service Error	An isolated or minor Error in the Software that meets any of the following requirements: (a) does not significantly affect Software functionality; (b) can or does impair or disable only certain non-essential Software functions; or (c) does not materially affect the State's use of the Software	Contractor shall acknowledge receipt of the Support Request within 2 Business Days.	Contractor shall Resolve the Support Request as soon as practicable and no later than 10 Business Days after Contractor's receipt of the Support Request. If Medium Service Error has not been resolved in 10 Business Days, the State may resubmit as a High Service Error.

Support Request Classification	Definition	Service Level Metric for Required Support Request Response Time	Service Level Metric for Required Support Request Resolution Time)
Low Service Error	Request for assistance, information, or services that are routine in nature.	Contractor shall acknowledge receipt of the Support Request within 5 Business Days.	Contractor shall Resolve the Support Request as soon as practicable and no later than 60 Business Days after Contractor's receipt of the Support Request. If Low Service Error has not been resolved in 60 Business Days, the State may resubmit as a Medium Service Error.

2.5 Escalation. If Contractor does not respond to a Support Request within the applicable Support Request Time, the State may escalate the Support Request to the Contractor Project Manager and State Program Managers, or their designees, and then to the parties' respective Contract Administrators.

2.6 Time Extensions. The State may, on a case-by-case basis, agree in writing to a reasonable extension of the Support Request Response or Resolution times.

2.7 Contractor Updates. Contractor shall give the State monthly electronic or other written reports and updates of:

(a) the nature and status of its efforts to correct any Service Error(s), including a description of the Service Error and the time of Contractor's response and Resolution with respect to each Support Request;

(b) its Service Level performance, including Service Level response and Resolution times; and

(c) the Service Credits to which the State has become entitled.

3. Service Level Credits.

3.1 Service Level Credit Amounts. If the Contractor fails to meet the Service Level Metrics, the State will be entitled to the corresponding Service Level Credits specified in the table below provided that the relevant Service Error did not result from a State Cause. If the Support Fee is paid other than monthly, the Support Fee will be converted to its monthly equivalent for purposes of determining the Service Credit based on the percentages in the table below. The credits will accrue on a monthly basis and be applied or paid to the State at the next occurring time of payment.

SERVICE LEVEL CREDIT TABLE

Support Request Classification	Service Level Credits (For Failure to meet the Service Level Metric for Support Request Response Time)	Service Level Credits (For Failure to meet the Service Level Metric for Support Request Resolution Time)
Critical Service Error	An amount equal to 5% of the then current monthly Support Fee for each hour by which Contractor's response exceeds the required Response time.	An amount equal to 5% of the then current monthly Support Fee for each hour by which Contractor's Resolution of the Support Request exceeds the required Resolution time.
High Service Error	An amount equal to 3% of the then current monthly Support Fee for each Business Day, and a pro-rated share of such percentage for each part of a Business Day, by which Contractor's response exceeds the required Response time.	An amount equal to 3% of the then current monthly Support Fee for each Business Day, and a pro-rated share of such percentage for each part of a Business Day, by which Contractor's Resolution of the Support Request exceeds the required Resolution time.

3.2 Compensatory Purpose. The parties intend that the Service Level Credits constitute a liquidated damage to the State and are not a penalty. The parties acknowledge and agree that the State's harm caused by Contractor's Service Level Failure would be impossible or very difficult to accurately estimate as of the Effective Date, and that the

Service Level Credits are a reasonable estimate of the anticipated or actual harm that might arise from Contractor's Service Level Failure.

3.3 Issuance of Service Level Credits. Contractor shall, for each invoice period, issue to the State, together with Contractor's invoice for such period, a written acknowledgment setting forth all Service Level Credits to which the State has become entitled during that invoice period. Contractor shall pay the amount of the Service Credit as a debt to the State within 15 Business Days of issue of the Service Level Credit acknowledgment, provided that, at the State's option, the State may, at any time prior to Contractor's payment of such debt, deduct (set off) the Service Credit Level from the amount payable by the State to Contractor pursuant to such invoice.

3.4 Additional Remedies for Service Level Failures. Contractor's repeated failure to meet the Service Level Metric(s) for Resolution of any Critical Service Errors or High Service Errors, or any combination of such Errors, within the applicable Resolution time set out in the Service Level Table will constitute a material breach under the Contract. Without limiting the State's right to receive Service Credits under this **Section**, the State may terminate this Schedule for cause in accordance with terms of the Contract.

4. Hardware - Reserved

5. Communications. In addition to the mechanisms for giving notice specified in the Contract, unless expressly specified otherwise in this Schedule or the Contract, the parties may use e-mail for communications on any matter referred to herein.

SCHEDULE D – ATTACHMENT 1 – CONTACT LIST

During Implementation

1. Project Manager – Jared Linder
2. Engagement Manager – to be assigned upon contract execution
3. Senior Director of Enterprise Architecture – Ryan Achterberg
4. Executive Sponsor (President) – John Roach

Post Implementation Support

1. Resultant Support Desk – help@resultant.com and phone number to be assigned upon contract execution.
2. Engagement Manager – to be assigned upon contract execution
3. Senior Director of Enterprise Architecture – Ryan Achterberg
4. Executive Sponsor (President) – John Roach

SCHEDULE E – DATA SECURITY REQUIREMENTS

1. Definitions. For purposes of this Schedule, the following terms have the meanings set forth below. All initial capitalized terms in this Schedule that are not defined in this **Schedule** shall have the respective meanings given to them in the Contract.

"**Contractor Security Officer**" has the meaning set forth in **Section 2** of this Schedule.

"**FedRAMP**" means the Federal Risk and Authorization Management Program, which is a federally approved risk management program that provides a standardized approach for assessing and monitoring the security of cloud products and services.

"**FISMA**" means The Federal Information Security Modernization Act of 2014 (Pub.L. No. 113-283 (Dec. 18, 2014.).

"Hosting Provider" means any Permitted Subcontractor that is providing any or all of the Hosted Services and/or Operating Environment under this Contract.

"**NIST**" means the National Institute of Standards and Technology.

"**PCI**" means the Payment Card Industry.

"**PSP**" or **"PSPs"** means the State's IT Policies, Standards and Procedures.

"**SSAE**" means Statement on Standards for Attestation Engagements.

"**Security Accreditation Process**" has the meaning set forth in **Section 6** of this Schedule

2. Security Officer. Contractor will appoint a Contractor employee to respond to the State's inquiries regarding the security of the Solution who has sufficient knowledge of the security of the Solution and the authority to act on behalf of Contractor in matters pertaining thereto ("**Contractor Security Officer**").

3. Contractor Responsibilities. Contractor is responsible for establishing and maintaining a data privacy and information security program, including physical, technical, administrative, and organizational safeguards, that is designed to:

(a) ensure the security and confidentiality of the State Data;

(b) protect against any anticipated threats or hazards to the security or integrity of the State Data;

(c) protect against unauthorized disclosure, access to, or use of the State Data;

(d) ensure the proper disposal of any State Data in Contractor's or its subcontractor's possession; and

(e) ensure that all Contractor Personnel comply with the foregoing.

The State has established Information Technology (IT) PSPs to protect IT resources under the authority outlined in the overarching State 1305.00 Enterprise IT Policy. In no case will the safeguards of Contractor's data privacy and information security program be less stringent than the safeguards used by the State, and Contractor must at all times comply with all applicable public and non-public State IT policies and standards, of which the publicly available ones are at https://www.michigan.gov/dtmb/policies/it-policies.

This responsibility also extends to all service providers and subcontractors with access to State Data or an ability to impact the Solution. Contractor responsibilities are determined from the PSPs based on the services being provided to the State, the type of IT solution, and the applicable laws and regulations.

4. Acceptable Use Standard. To the extent that Contractor has access to the State's IT environment, Contractor must comply with the State's Acceptable Use Standard, see https://www.michigan.gov/dtmb/-/media/Project/Websites/dtmb/Law-and-Policies/IT-Policy/13400013002-Acceptable-Use-of-Information-Technology-Standard.pdf. All Contractor Personnel will be required, in writing, to agree to the State's Acceptable Use Standard before accessing State systems or Data. The State reserves the right to terminate Contractor's and/or subcontractor(s) or any Contractor Personnel's access to State Systems if the State determines a violation has occurred.

5. Protection of State's Information. Throughout the Term and at all times in connection with its actual or required performance of the Services, Contractor will:

5.1 If Hosted Services are provided by a Hosting Provider, ensure each Hosting Provider maintains FedRAMP authorization for all Hosted Services environments throughout the Term, and in the event a Hosting Provider is unable to maintain FedRAMP authorization, the State, at its sole discretion, may either a) require the Contractor to move the Software and State Data to an alternative Hosting Provider

selected and approved by the State at Contractor's sole cost and expense without any increase in Fees, or b) immediately terminate this Contract for cause;

5.2 for Hosted Services provided by the Contractor, maintain either a FedRAMP authorization or an annual SSAE 18 SOC 2 Type II audit based on State required NIST Special Publication 800-53 MOD Controls using identified controls and minimum values as established in applicable State PSPs;

5.3 ensure that the Software and State Data is securely stored, hosted, supported, administered, accessed, backed up in the United States;

5.4 ensure that any Customization development work is performed in the United States;

5.5 ensure the data center(s) in which Software and State Data resides minimally meets Uptime Institute Tier 3 standards (https://www.uptimeinstitute.com/), or its equivalent;

5.6 maintain and enforce an information security program including safety and physical and technical security policies and procedures with respect to its Processing of the State Data that complies with the requirements of the State's data security policies as set forth in this Contract, and must, at a minimum, remain compliant with FISMA and NIST Special Publication 800-53 MOD Controls using identified controls and minimum values as established in applicable State PSPs;

5.7 Throughout the Term, Contractor must not provide any part of the Solution from the list of excluded parties in the System for Award Management (SAM) for entities excluded from receiving federal government awards for "covered telecommunications equipment or services.

5.8 provide technical and organizational safeguards against accidental, unlawful or unauthorized access to or use, destruction, loss, alteration, disclosure, encryption, transfer, commingling or processing of such information that ensure a level of security appropriate to the risks presented by the processing of State Data and the nature of such State Data, consistent with best industry practice and applicable standards (including, but not limited to, compliance with FISMA, NIST, CMS, IRS, FBI, SSA, HIPAA, FERPA and PCI requirements as applicable);

5.9 take all reasonable measures to:

(a) secure and defend all locations, equipment, systems and other materials and facilities employed in connection with the Solution against "malicious actors" and others who may seek, without authorization, to destroy, disrupt, damage, encrypt, modify, copy, access or otherwise use Hosted Services or the information found therein; and

(b) prevent (i) the State and its Authorized Users from having access to the data of other customers or such other customer's users of the Solution; (ii) State Data from being commingled with or contaminated by the data of other customers or their users of the Solution; and (iii) unauthorized access to any of the State Data;

5.10 ensure that State Data is encrypted in transit and at rest using FIPS validated AES encryption modules and a key size of 128 bits or higher;

5.11 ensure the Hosted Services support Identity Federation/Single Sign-on (SSO) capabilities using Security Assertion Markup Language (SAML), Open Authentication (OAuth) or comparable State approved mechanisms;

5.12 ensure the Hosted Services implements NIST compliant multi-factor authentication for privileged/administrative and other identified access.

5.13 Contractor must permanently sanitize or destroy the State's information, including State Data, from all media both digital and nondigital including backups using National Security Agency ("NSA") and/or National Institute of Standards and Technology ("NIST") (NIST Guide for Media Sanitization 800-88) data sanitization methods or as otherwise instructed by the State. Contractor must sanitize information system media, both digital and non-digital, prior to disposal, release out of its control, or release for reuse as specified above.

6. Security Accreditation Process. Throughout the Term, Contractor will assist the State, at no additional cost, with its **Security Accreditation Process**, which includes the development, completion and on-going maintenance of a system security plan (SSP) using the State's automated governance, risk and compliance (GRC) platform, which requires Contractor to submit evidence, upon request from the State, in order to validate Contractor's security controls within two weeks of the State's request. On an annual basis, or as otherwise required by the State such as for significant changes, re-assessment of the system's controls will be required to receive and maintain authority to operate (ATO). All identified risks from the SSP will be remediated through a Plan of Action and Milestones (POAM) process with remediation time frames and required

evidence based on the risk level of the identified risk. For all findings associated with the Contractor's solution, at no additional cost, Contractor will be required to create or assist with the creation of State approved POAMs, perform related remediation activities, and provide evidence of compliance. The State will make any decisions on acceptable risk, Contractor may request risk acceptance, supported by compensating controls, however only the State may formally accept risk. Failure to comply with this section will be deemed a material breach of the Contract.

7. Unauthorized Access. Contractor may not access, and must not permit any access to, State Systems, in whole or in part, whether through the Hosted Services or otherwise, without the State's express prior written authorization. Such authorization may be revoked by the State in writing at any time in its sole discretion. Any access to State Systems must be solely in accordance with the Contract and this Schedule, and in no case exceed the scope of the State's authorization pursuant to this Section. All State-authorized connectivity or attempted connectivity to State Systems shall be only through the State's security gateways and firewalls and in compliance with the State's security policies set forth in the Contract as the same may be supplemented or amended by the State and provided to Contractor from time to time.

8. Security Audits.

8.1 During the Term, Contractor will maintain complete and accurate records of its data protection practices, IT security controls, and the security logs relating to State Data, including but not limited to any backup, disaster recovery or other policies, practices or procedures relating to the State Data and any other information relevant to its compliance with this Contract.

8.2 Without limiting any other audit rights of the State, the State has the right to review Contractor's data privacy and information security program prior to the commencement of Services and from time to time during the term of this Contract. The State, at its own expense, is entitled to perform, or to have performed, an on-site audit of Contractor's data privacy and information security program. If the State chooses to perform an on-site audit, Contractor will, make all such records, appropriate personnel and relevant materials available during normal business hours for inspection and audit by the State or an independent data security expert that is reasonably acceptable to Contractor, provided that the State: (i) gives Contractor at least 5 Business Days prior notice of any such audit; (ii) undertakes such audit no more than once per calendar year, except for good cause shown; and (iii) conducts or causes to be conducted such audit in a manner designed to minimize disruption

of Contractor's normal business operations and that complies with the terms and conditions of all data confidentiality, ownership, privacy, security and restricted use provisions of the Contract. The State may, but is not obligated to, perform such security audits, which shall, at the State's option and request, include penetration and security tests, of any and all Hosted Services and their housing facilities and operating environments.

8.3 During the Term, Contractor will, when requested by the State, provide a copy of Contractor's and Hosting Provider's (if applicable) FedRAMP System Security Plan(s) or SOC 2 Type 2 report(s) to the State within two weeks of the State's request. The System Security Plan and SSAE audit reports will be recognized as Contractor's Confidential Information.

8.4 With respect to State Data, Contractor must implement any required safeguards as identified by the State or by any audit of Contractor's data privacy and information security program.

8.5 The State reserves the right, at its sole election, to immediately terminate this Contract or a Statement of Work without limitation and without liability if the State determines that Contractor fails or has failed to meet its obligations under this **Section 8.**

9. Application Scanning. During the Term, Contractor must, at its sole cost and expense, scan all Contractor provided applications, and must analyze, remediate and validate all vulnerabilities identified by the scans as required by the State Web Application Security Standard and other applicable PSPs.

Contractor's application scanning and remediation must include each of the following types of scans and activities:

9.1 Dynamic Application Security Testing (DAST) – Authenticated interactive scanning of application for vulnerabilities, analysis, remediation, and validation (may include Interactive Application Security Testing (IAST).

(a) Contractor must either a) grant the State the right to dynamically scan a deployed version of the Software; or b) in lieu of the State performing the scan, Contractor must dynamically scan a deployed version of the Software using a State approved application scanning tool, and provide the State with a vulnerabilities assessment after Contractor has completed such scan. These scans and assessments i) must be completed and provided to the State

quarterly (dates to be provided by the State) and for each major release; and ii) scans must be completed in a non-production environment with verifiable matching source code and supporting infrastructure configurations or the actual production environment.

9.2 Static Application Security Testing (SAST) - Scanning source code for vulnerabilities, analysis, remediation, and validation.

(a) For Contractor provided applications, Contractor, at its sole expense, must provide resources to complete static application source code scanning, including the analysis, remediation and validation of vulnerabilities identified by application source code scans. These scans must be completed for all source code initially, for all updated source code, and for all source code for each major release and Contractor must provide the State with a vulnerability assessment after Contractor has completed the required scans.

9.3 Software Composition Analysis (SCA) – Third-Party and/or Open Source Scanning for vulnerabilities, analysis, remediation, and validation.

(a) For Software that includes third-party and open source software, all included third-party and open source software must be documented and the source supplier must be monitored by the Contractor for notification of identified vulnerabilities and remediation. SCA scans may be included as part of SAST and DAST scanning or employ the use of an SCA tool to meet the scanning requirements. These scans must be completed for all third-party and open source software initially, for all updated third-party and open source software, and for all third party and open source software in each major release and Contractor must provide the State with a vulnerability assessment after Contractor has completed the required scans if not provided as part of SAST and/or DAST reporting.

9.4 In addition, application scanning and remediation may include the following types of scans and activities if required by regulatory or industry requirements, data classification or otherwise identified by the State.

(a) If provided as part of the solution, all native mobile application software must meet these scanning requirements including any interaction with an application programing interface (API).

(b) Penetration Testing – Simulated attack on the application and infrastructure to identify security weaknesses.

10. Infrastructure Scanning.

10.1 Contractor must ensure their infrastructure and applications are scanned using an approved scanning tool (Qualys, Tenable, or other PCI Approved Vulnerability Scanning Tool) at least monthly and provide the scan's assessments to the State in a format that is specified by the State and used to track the remediation. Contractor will ensure the remediation of issues identified in the scan according to the remediation time requirements documented in the State's PSPs.

11. Nonexclusive Remedy for Security Breach.

11.1 Any failure of the Solution to meet the applicable requirements of this Schedule with respect to the security of any State Data or other Confidential Information of the State, including any related backup, disaster recovery or other policies, practices or procedures, is a material breach of the Contract for which the State, at its option, may terminate the Contract immediately upon written notice to Contractor without any notice or cure period, and Contractor must promptly reimburse to the State any Fees prepaid by the State prorated to the date of such termination.

SCHEDULE E, Attachment B

SAFEGUARD REQUIREMENTS OF CONFIDENTIAL TAX DATA

This section sets forth the safeguard requirements for handling, storage, and processing of confidential tax information for a Contractor and their subcontractor(s) and is incorporated as an integral part of the Contract. It will facilitate administration and enforcement of the laws of the State of Michigan in a manner consistent with the applicable statutes, regulations, published rules and procedures or written communication.

I. Authority

Authority for the Michigan Department of Treasury to require that this section be included in the Contract is contained in l941 PA 122, as amended, MCL 205.28(1)(f), which subjects current or former contractors to the same restrictions and penalties imposed upon department employees regarding the treatment of confidential information. A private contractor or its employees are strictly prohibited from disclosing taxpayer information to a third party. The prohibition against disclosure does not bar an employee of a private contractor with whom the State of Michigan (State) contracts that processes tax returns or payments pursuant to the Contract from having access to confidential information that is reasonably required for the processing or collection of amounts due this State. Private contractors and any subcontractors will follow Treasury guidelines for Authorized representatives.

II. Confidentiality

It is agreed that all information exchanged under this section will be kept confidential in accordance with the confidentiality provisions contained in the Revenue Act, MCL 205.28(1)(f) which states in part;

> "Except as otherwise provided in this subdivision, an employee, authorized representative, or former employee or authorized representative of the department or anyone connected with the department will not divulge any facts or information obtained in connection with the administration of a tax or information or parameters that would enable a person to ascertain the audit selection or processing criteria of the department for a tax administered by the department."

Confidential information obtained under this contract will not be disclosed except as required by state law, or in the proper administration of applicable laws, promulgated rules and procedures. In the event, confidentiality statutes are amended, Treasury will notify Contractor of any changes. No employee, agent, authorized representative or legal representative of Contractor will disclose any information obtained by virtue of this section to any other division within their company or any other governmental agency, department or unit within such governmental agency whether local, state, federal or foreign, department or unit within such governmental agency, or any unauthorized third party. No tax returns or tax return information accessed by Contractor will be duplicated or disseminated within or outside the company without the written approval of the Contract Compliance Inspector. Tax returns and tax return information remain the property of

Treasury.

Contractor may use a taxpayer's name, address and Social Security number or employer identification number to the extent necessary in connection with the processing and mailing of forms for any report or return required in the administration of any tax in the performance of the Contract. The use of the Social Security number must be in accordance with the state Social Security Number Privacy Act 454 of 2004, as amended.

Confidential information obtained under this agreement will not be disclosed in part of a report or document that is subject to FOIA.

The penalties for violating the confidentiality provisions of the Revenue Act are contained in, MCL 205.28(2) and MCL 205.27(4). MCL 205.28(2) states:

> "A person who violates subsection (1)(e), (1)(f), (4) or (5) is guilty of a felony, punishable by a fine of not more than $5,000.00, or imprisonment for not more than 5 years, or both, together with the costs of prosecution. In addition, if the offense is committed by an employee of this state, the person will be dismissed from office or discharged from employment upon conviction."

MCL 205.27(4) states:

> A person who is not in violation pursuant to subsection (2), but who knowingly violates any other provision of this act, or of any statute administered under this act, is guilty of a misdemeanor, punishable by a fine of not more than $1,000.00, or imprisonment for not more than 1 year, or both.

Information received by Treasury from the U.S. Internal Revenue Service, pursuant to section 6103(d) of the Internal Revenue Code or any other federal agency will not be subject to the exchange.

III. Procedure for Security

Contractor will safeguard any tax return information obtained under the Contract as follows:

A. Access to the tax returns and tax return information will be allowed only to those authorized employees and officials of Contractor who need the information to perform their official duties in connection with the uses of the information authorized in this Contract.

B. Any records created from tax returns and tax return information will be stored in an area that is physically safe from access by unauthorized persons during duty hours and locked in a secure area during non-duty hours, or when not in use.

C. Any records matched and any records created by the match will be processed under the immediate supervision and control of authorized personnel in a manner in which will protect the confidentiality of the records, and in such a way that unauthorized persons cannot retrieve any

such records by means of a computer, remote terminal or other means.

D. All personnel who will have access to the tax returns and tax return information and to any records created by the tax return information will be advised annually of the confidential nature of the information, the safeguards required to protect the information and the civil and criminal sanctions for noncompliance contained in MCL 205.28 (2) and MCL 205.27(4) and will sign confidentiality certifications.

E. All confidential information, electronic and paper, will be secured from unauthorized access and with access limited to designated personnel only. State tax return information will not be commingled with other information. All Michigan tax returns and return information will be marked as follows: **CONFIDENTIAL - DO NOT DISCLOSE - MICHIGAN TREASURY TAX RETURN INFORMATION**

F. Treasury, Office of Privacy and Security or Contract Compliance Inspector may make onsite inspections or make other provisions to ensure that adequate safeguards are being maintained by the Contractor.

G. The Treasury Office of Privacy and Security may monitor compliance of systems security requirements during the lifetime of the Contract or any extension.

H. Contractor will also adopt policies and procedures to ensure that information contained in their respective records and obtained from Treasury and taxpayers will be used solely as stipulated in the Contract.

IV. Computer System Security of Tax Data

The identification of confidential tax records and defining security controls are intended to protect Treasury tax return information from unlawful disclosure, modification, destruction of information and unauthorized secondary uses.

Computer system security and physical security of tax data stored and processed by Contractor must be in compliance with the following security guidelines and standards established by Treasury. These guidelines apply to any computer system developed by Contractor, either through its own systems staff, or through a contractor, subcontractor or vendor):

A. Controlled Access Protection

All computer systems processing, storing and transmitting Michigan tax information must have computer access protection controls These security standards are delineated in the National Institute of Standards and Technology (NIST) Special Publications number 800-53 "Recommended Security Controls for the Federal Information Systems" at http://csrc.nist.gov/publications/PubsSPs.html. To meet these standards, the operating security features of the system must have the following minimum requirements: a security policy, accountability, assurance, and documentation.

1) **Security Policy** – A security policy is a written document describing the system in terms of categories of data processed, users allowed access and access rules between the users

and the data. Additionally, it describes procedures to prevent unauthorized access by clearing all protected information on objects before they are allocated or reallocated out of or into the system. Further protection must be provided where the computer system contains information for more than one program/project, office, or Agency and that personnel do not have authorization to see all information on the system.

2) **Accountability** – Computer systems processing Michigan tax information must be secured from unauthorized access. All security features must be available (audit trails, identification and authentication) and activated to prevent unauthorized users from indiscriminately accessing Michigan tax information. Everyone who accesses computer systems containing Michigan tax information is accountable. Access controls must be maintained to ensure that unauthorized access does not go undetected. Computer programmers and contractors who have a need to access databases, and are authorized under the law, must be held accountable for the work performed on the system. The use of passwords and access control measures must be in place to identify who accessed protected information and limit that access to persons with a need to know.

a) On-line Access –Users will be limited to any Treasury on-line functions, by limiting access through functional processing controls and organization restrictions.

Any employee granted access privileges through the Contractor's Security Administrator will be approved for access and viewing rights to Treasury on-line systems by the Department of Treasury, Office of Privacy and Security.

b) Operating Features of System Security
Contractor must meet the following levels of protection with respect to tax return information. Individual user accountability must be ensured through user identification number and password.

i. Access rights to confidential tax information must be secured through appropriate levels of authorization.

ii. An audit trail must be maintained of accesses made to confidential information.

iii. All confidential and protected information must be cleared from a system before it is used for other purposes not related to the enforcement, collection or exchange of data not covered by this section or by an addendum to this Contract.

iv. Hard copies made of confidential tax return information must be labeled as confidential information.

v. Confidential Treasury tax information will be blocked or coded as confidential on system.

vi. Any computer system in which Michigan tax return information resides must systematically notify all users upon log-in of the following disclosure penalties for improperly accessing or making an authorized disclosure of Michigan tax return information:

NOTICE TO EMPLOYEES AND AUTHORIZED REPRESENTATIVES

This system contains Michigan Department of Treasury tax return information. **DO NOT DISCLOSE OR DISCUSS MICHIGAN RELATED TAX RETURN INFORMATION** with unauthorized individuals. The Revenue Act at MCL 205.28(1)(f) prohibits such disclosure.

MICHIGAN PENALTIES
A person making a willful unauthorized disclosure or inspection (browsing) of tax return information may be charged with the following Michigan penalties:

- Criminal penalties up to $5,000 and/or imprisonment for 5 years, plus costs and dismissal from employment if it is found that a current or former employee or authorized representative has made an unauthorized disclosure of a tax return or tax return information or divulged audit selection or processing parameters. [MCL 205.28(2)]

- A misdemeanor, punishable by a fine of not more than $1,000.00, or imprisonment for not more than 1 year, or both if the person is not in violation pursuant to MCL 205.27(2), but who knowingly violates any other provision of this act, or of any statute administered under this act.

This statement is subject to modification. A confidentiality statement, subject to modification, will be sent as needed by the Security Administrator to all employees, contractors, and legal representatives of Contractor.

3) **Assurance** – Contractor must ensure that all access controls and other security features are implemented and are working when installed on their computer system. Significant enhancements or other changes to a security system must follow the process of review, independent testing, and installation assurance. The security system must be tested at least annually to assure it is functioning correctly. All anomalies must be corrected immediately.

a) The Contractor must initiate corrective action for all non-conformities as soon as detected and immediately advise the Contract Compliance Inspector. Notice of the corrective action must be provided to the Contract Compliance Inspector. All non-conformities must be reported to the Contract Compliance Inspector with the following:

a. Duration of non-conformity/interruption
b. Reason for non-conformity/interruption
c. Resolution.

b) All non-conformities to the specifications/tasks of the Contract must be corrected within four (4) hours. The State recognizes there will be instances when adherence to this time frame will not be possible. However, the State will only tolerate this on an exception basis. To request an exception to this time frame, the Contractor must submit a detailed project plan to address the non-conformity within four (4) hours to the Contract Compliance Inspector for approval.

4) **Documentation** – Design and test documentation must be readily available to the state. The developer or manufacturer should initially explain the security mechanisms, how they are implemented and their adequacy (limitations). This information should be passed on to the security officer or supervisor. Test documentation should describe how and what mechanisms were tested and the results. If recognized organizations/tests/standards are used, then a document to that effect will suffice. For example, a system that has been tested and certified as meeting certain criteria may have a document stating this fact, without detailed tests/results of information. Contractor, however, must ensure the documentation covers the exact system and that it includes the specific computer system used by Contractor.

Additionally, documentation must include a security administrator's guide. The security administrator's guide is addressed to the System's Administrator and Security Officer and will describe the protection mechanisms provided by the security system, guidelines on their use and how they interact. This document will present cautions about security functions and describe privileges that should be controlled when running a secure system. The document will be secured and locked at all times with access rights only by the Systems Administrator and Security Officer.

Note: When a security system is designed or purchased for a specific computer or computer system, the security mechanisms must be reviewed by the State to ensure that needed security parameters are met. An independent test should be implemented on the specific computer or computer system to ensure that the security system meets the security parameters within this contract and developed with the computer system. The test may be arranged by the developer but must be done by an independent organization. Contractor must assign responsible individuals (Security Officers) with knowledge of information technology and applications to oversee the testing process. These individuals must be familiar with technical controls used to protect the system from unauthorized entry.

Finally, contingency and backup plans must be in place to ensure protection of Michigan tax information.

V. Electronic Transmission of Michigan Tax Information

The two acceptable methods of transmitting Michigan tax information over telecommunications devices are encryption and using guided media. Encryption involves altering data objects in a way that the objects become unreadable until deciphered with the appropriate software at the intended destination. Guided media involves transmission of data over twisted pair cable, coaxial cable or end to end fiber optics which are typically used in secure computer networks like the state's Local Area Network (LAN), telephone systems, and television distribution.

Cryptography standards have been adopted by the IRS and can be used to provide guidance for encryption, message authentication codes or digital signatures and digital signatures with or without an associated certification infrastructure. For further information, see IRS Publication 1075 at the IRS web site.

Unencrypted cable circuits of fiber optics are an acceptable alternative for transmitting Michigan tax information. Adequate measures must be taken to ensure that circuits are maintained on cable and not converted to unencrypted radio or microwave transmission. Additional precautions should be taken to protect the cable, i.e., burying the cable underground or in walls or floors and providing access controls to cable vaults, rooms and switching centers.

A. **Remote Access**
Accessing databases containing Michigan tax information from a remote location – that is, a location not directly connected to the Local Area Network (LAN) will require adequate safeguards to prevent unauthorized entry.

For remote access, the contractor is required to use an identification security card that requires both PIN and card in possession. The State identified and approved methods for remote vendor access are as follows:

- SecureID through VPN – State provided SecureID taken and VPN software in order to access State of Michigan resources. Appropriate Acceptable Use policies and signoffs are required
- Follow-the Sun SecureID – Vendor is provided with VPN software and a SOM technical resource coordinates with the DTMB Client Service Center to provide secure ID code access to specific State of Michigan resources. Appropriate Acceptable Use Policies and signoffs are required.

B. **Portable Computer Devices**
Any entrusted confidential information collected or accessed during this Contract must be encrypted when stored on all storage devices and media. This includes, but not limited to, disk drives for servers and workstations, and portable memory media (PDAs, RAM drives, memory sticks, etc.).

VI. Record Keeping Requirements for Information Received

Each Contractor, requesting and receiving information will keep an accurate accounting of the information received. The audit trail will be required which will include the following information:

a. Taxpayer's name
b. Identification number
c. Information requested
d. Purpose of disclosure request
e. Date information received
f. Name of Division and employee making request
g. Name of other employees who may have had access
h. Date destroyed
i. Method of destruction

The Contractor will adopt and implement formal procedures to:

- Ensure proper handling of tax returns and tax return information;
- Secure and safeguard information from unauthorized use; and
- Ensure appropriate destruction of information and materials retrieved from Treasury.

A. **Electronic Media**
Contractor will keep an inventory of magnetic and electronic media received under the Contract.

Contractor must ensure that the removal of tapes and disks and paper documents containing Michigan tax return information from any storage area is properly recorded on charge-out records. Contractor is accountable for missing tapes, disks, and paper documents.

B. **Recordkeeping Requirements of Disclosure Made to State Auditors**
When disclosures are made by Contractor to State Auditors, these requirements pertain only in instances where the Auditor General's staff extracts Michigan tax returns or tax information for further review and inclusion in their work papers. Contractor must identify the hard copies of tax records or if the tax information is provided by magnetic tape format or through other electronic means, the identification will contain the approximate number of taxpayer's records, the date of inspection, the best possible description of the records and the name of the Auditor(s) making the inspection.

The Disclosure Officer must be notified, in writing, of any audits done by auditors, internal or otherwise, of Contractor that would involve review of Treasury processing parameters.

VII. Contract Services

To the extent the Contractor employs an independent agency, consultant, or agent to process confidential information which includes Michigan tax return information; the Contractor will notify the Treasury Disclosure Officer before the execution of any such agreement. Each agreement will include in the agreement the following recommended safeguard provisions:

A. The identification of confidential tax records and defining security controls are intended to protect Treasury tax return information from unlawful disclosure, modification, destruction of information and unauthorized secondary uses.

Definition of Treasury Tax Return Information as defined in Revenue Administrative Bulletin (RAB) 1989-39:

> B. Taxpayer's identity, address, the source or amount of his/her income, payments, receipts, deductions, exemptions, credits, assets, liabilities, net worth, tax liability, tax withheld, deficiencies, over assessments, or tax payments whether the taxpayer's return was, is being or will be examined or subject to their investigation or processing, or any other data, received by, recorded by, prepared by, furnished to or collected by the agency with respect to a return or with respect to the determination of the existence, or liability (or the amount thereof) of any person under the tax laws administered by the Department, or related statutes of the state for any tax, penalty, interest, fine, forfeiture, or other imposition or offense. The term "tax return information" also includes any and all account numbers assigned for identification purposes.

B. An acknowledgment that a taxpayer has filed a return is known as a "fact of filing" and may not be disclosed. All tax return data made available in any format will be used only for the purpose of carrying out the provisions of the Contract between Contractor and the sub-contractor. Information contained in such material will be treated as confidential and will not be divulged or made known in any manner to any person except as may be necessary in the performance of the Contract between Contractor and the subcontractor. In addition, all related output will be given the same level of protection as required for the source material.

C. The subcontractor will certify that the data processed during the performance of the Contract between Contractor and the subcontractor will be completely purged from all data storage components of the subcontractor's computer facility, and no output will be retained by the subcontractor at the time the work is completed.

D. Destruction of tax data, including any spoilage or any intermediate hard copy printout which may result during the processing of Michigan tax return information, will be documented with a statement containing the date of destruction, description of material destroyed, and the method used. Destruction parameters must meet the standards of Section IX, Disposal of Tax Information, of this agreement.

E. Computer system security and physical security of tax data stored and processed by the subcontractor must be in compliance with security guidelines and standards established by this contract. See section VI (Record Keeping Requirements for Information Received in Paper Format) for more details.

F. The Contractor will be responsible for maintaining a list of employees authorized to access Michigan tax return information and will provide a copy of such list to Treasury.

G. No work involving information furnished under the contract will be subcontracted without the specific approval of Treasury. Contractor and approved subcontractors handling Michigan tax return information will be required to sign the *Vendor, Contractor or Subcontractor Confidentiality Agreement* provided by Treasury, (Form 3337, see Attachment A). The original agreements will be returned to the Disclosure Officer for the Department of Treasury and a copy sent to the Contract Compliance Inspector.

VIII. Transport of Tax Information

In the event, it is necessary to transport confidential tax return information the Contractor is responsible for holding the carrier responsible for safeguarding the records. The Contractor must obtain a signed *Vendor, Contractor or Subcontractor Confidentiality Agreement* (Form 3337, see Attachment A) for each carrier employee who has access to Michigan tax return information. The original agreements will be returned to the Department of Treasury, Disclosure Officer and a copy sent to the Contract Compliance Inspector.

If it is necessary to transfer records and responsibility for transport to a third carrier due to a mishap during transportation, the Contractor is responsible for ensuring safeguard standards remain enforce. This type of incident will be documented in accordance with the incident

reporting guidelines in procedure PT-03253, "Incident Reporting and Handling".

Any such incidents must be reported to the Contract Administrator immediately.

IX. Disposal of Tax Information

Materials furnished to Contractor, such as tax returns, remittance vouchers, W-2 reports, correspondence, computer printouts, carbon paper, notes, memorandums and work papers will be destroyed by burning, mulching, pulverizing or shredding. If shredded, destroy paper using cross cut shredders which produce particles that are 1 mm x 5mm (0.04in x 0.2 in.) in size (or smaller).

Data tracks should be overwritten or reformatted a minimum of three times or running a magnetic strip over entire area of disk at least three (3) times to remove or destroy data on the disk media Electronic data residing on any computer systems must be purged based on Treasury's retention schedule.

Contractor and its subcontractor(s) will retain all confidential tax information received by Treasury only for the period of time required for any processing relating to the official duties and then will destroy the records. Any confidential tax information that must be kept to meet evidentiary requirements must be kept in a secured, locked area and properly labeled as confidential return information. See Procedure for Security (Section III of this agreement) for more details.

X. Security Responsibility

Contractor will designate a security person who will ensure that each individual having access to confidential tax information or to any system which processes Michigan tax return information is appropriately screened, trained and executes a *Vendor, Contractor or Subcontractor Confidentiality Agreement* (Form 3337, see Attachment A) before gaining access or transaction rights to any process and computer system containing Treasury tax return information.

Each Contractor or their subcontractor(s) employees' access and transaction rights will be reviewed periodically to ensure that there is a need to know Treasury tax return information displayed in any media.

Michigan tax return information will be made available only to individuals authorized by the Contract. Contractor will maintain a list of persons authorized to request and receive information and will update the list as necessary**.** A copy of the list must be furnished to the Michigan Department of Treasury Disclosure Officer and Contract Compliance Inspector.

XI. Security Breach Notification

The Contractor is required to report to Treasury, on Form 4000, Incident Reporting (Attachment B) any use or disclosure of confidential information, whether suspected or actual, **immediately** after becoming aware of the misuse or disclosure. The Contractor may substitute its internal form for Form 4000 if all pertinent information is included.

The Contractor agrees to immediately contain the breach if it is determined ongoing.

Treasury has the right to terminate the Contract when a breach has occurred, and the Contractor cannot demonstrate proper safeguards were in place to avert a breach. Treasury must approve Contractor's resolution to the breach.

XIII. Certification of Compliance

The Contractor will fully protect State Tax Information (STI) entrusted to them. Each Contractor or subcontractor who will have access to STI must read and sign a confidentiality agreement. This contract requires that all information obtained from the Michigan Department of Treasury under the Revenue Act, PA 122 of 1941, MCL 205.28 (1)(f) be kept confidential. In the event of a security breach involving STI in the possession of the Contractor, the Contractor agrees to provide full cooperation to conduct a thorough security review. The review will validate compliancy with the Contract, and state laws and regulations.

If, as a result of the Contractor's failure to perform as agreed, the State is challenged by a governmental authority or third party as to its conformity to or compliance with State, Federal and local statutes, regulations, ordinances or instructions; the Contractor will be liable for the cost associated with loss of conformity or compliance.

The Contractor understands the cost reflects violation fines identified by the Michigan Social Security Number Privacy Act, 454 of 2004 and the Michigan Identity Theft Protection Act, Act 452 of 2004 as amended.

XI. Effective Date

These Safeguard requirements will be reviewed whenever the Contract modifications include specifications or processes that affect tax data.

STATE OF MICHIGAN
PROCUREMENT
Michigan.gov/MiProcurement

Attachment A

Reset Form

Michigan Department of Treasury
3337 (Rev. 10-16)

Vendor, Contractor or Subcontractor Confidentiality Agreement

The Revenue Act, Public Act 122 of 1941, MCL 205.28(1)(f), the City Income Tax Act, Public Act 284 of 1964, MCL 141.674(1), and Internal Revenue Code (IRC) 6103(d), make all information acquired in administering taxes confidential. The Acts and IRC hold a vendor, contractor or subcontractor and their employees who sell a product or provide a service to the Michigan Department of Treasury, or who access Treasury data, to the strict confidentiality provisions of the Acts and IRC. Confidential tax information includes, but is not limited to, information obtained in connection with the administration of a tax or information or parameters that would enable a person to ascertain the audit selection or processing criteria of the Michigan Department of Treasury for a tax administered by the department.

INSTRUCTIONS. Read this entire form before you sign it. If you do not complete this agreement, you will be denied access to Michigan Department of Treasury and federal tax information. After you and your witness sign and date this form, keep a copy for your records. Send the original to the address listed below.

Company Name and Address (Street or RR#, City, State, ZIP Code)		Last Name	First Name
		Driver License Number/Passport Number	Telephone Number
State of Michigan Department	Division	Subcontractor Name if Product/Service Furnished to Contractor	
Describe here or in a separate attachment the product or service being provided to the State of Michigan Agency (Required).			

Confidentiality Provisions. It is illegal to reveal or browse, except as authorized:

- All tax return information obtained in connection with the administration of a tax. This includes information from a tax return or audit and any information about the selection of a return for audit, assessment or collection, or parameters or tolerances for processing returns.
- All Michigan Department of Treasury or federal tax returns or tax return information made available, including information marked "Official Use Only". Tax returns or tax return information shall not be divulged or made known in any manner to any person except as may be needed to perform official duties. Access to Treasury or federal tax information, in paper or electronic form, is allowed on a **need-to-know** basis only. Before you disclose returns or return information to other employees in your organization, they must be authorized by Michigan Department of Treasury to receive the information to perform their official duties.
- Confidential information shall not be disclosed by a department employee to confirm information made public by another party or source which is part of any public record. 1999 AC, R 2005.1004(1).

Violating confidentiality laws is a felony, with penalties as described:

Michigan Penalties
MCL 205.28(1)(f) provides that you may not willfully disclose or browse any Michigan tax return or information contained in a return. Browsing is defined as examining a return or return information acquired without authorization and without a **need to know** the information to perform official duties. Violators are guilty of a **felony** and subject to **fines of $5,000 or imprisonment for five years, or both**. State employees will be discharged from state service upon conviction.

Any person who violates any other provision of the Revenue Act, MCL 205.1, et seq., or any statute administered under the Revenue Act, will be guilty of a misdemeanor and **fined $1,000 or imprisonment for one year, or both**, MCL 205.27(4).

City Penalties
MCL 141.674(2) provides that any person divulging confidential City Tax information is guilty of a misdemeanor and subject to a fine not exceeding $500 or imprisonment for a period not exceeding 90 days, or both, for each offense.

Federal Penalties
If you willfully disclose federal tax returns or tax return information to a third party, you are guilty of a **felony with a fine of $5,000 or imprisonment for five years, or both, plus prosecution costs** according to the Internal Revenue Code (IRC) §7213, 26 USC 7213.

In addition, inspecting, browsing or looking at a federal tax return or tax return information without authorization is a **felony violation** of IRC §7213A subjecting the violator to a **$1,000 fine or imprisonment for one year, or both, plus prosecution costs**. Taxpayers affected by violations of §7213A must be notified by the government and may bring a civil action against the federal government and the violator within two years of the violation. Civil damages are the **greater of $1,000 or actual damages** incurred by the taxpayer, plus the costs associated with bringing the action, 26 USC 7431.

Failure to comply with this confidentiality agreement may jeopardize your employer's contract with the Michigan Department of Treasury.

Certification

By signing this Agreement, I certify that I have read the above confidentiality provisions and understand that failure to comply is a felony.

Print name of employee signing this agreement	Signature of person named above	Date signed
Print Witness Name (Required)	Signature of Witness (Required)	Date signed

Submit your form to the following address:
Office of Privacy and Security/ Disclosure Unit
Michigan Department of Treasury
430 W. Allegan Street
Lansing, MI 48922

Questions, contact the **Office of Privacy and Security by telephone, 517-636-4239; fax, 517-636-5340; or email:**
Treas_Disclosure@michigan.gov

PART 1: CONTACT INFORMATION (Affected Entity)

Full Name (Last, First, Middle Initial)	Division/Office

PART 3: INCIDENT RESOLUTION

Notification issued to affected individuals?	How many notifications were sent?	Breach Notification Method?
☐ Yes ☐ No		☐ E-mail ☐ Telephone ☐ US Mail ☐ Web

Who was notified?	Date notification was issued

Incident Cost

☐ Check if incident costs are less than $250. If $250 or more, complete the detailed summary of costs below.

Manhours:

Treasury $_____

DTMB-OES $_____

DTMB-Treasury Agency Services $_____

Other:

Postage $_____

Credit Monitoring Service $_____

_____ $_____

Total Cost of Incident $_____

Action Taken

Incident Impact

Post Incident Recommendations

PART 4: REPORT PREPARER INFORMATION

Final Report Prepared By:	Date Prepared	Preparer Title	Preparer's Telephone Number

Preparer Signature	Date

OFFICE OF PRIVACY AND SECURITY USE ONLY

Administrator, Office of Privacy and Security Signature	Date

SCHEDULE E, Attachment 1 – PCI Compliance and CEPAS

1. PCI Compliance.

Contractors that process, transmit store or affect the security of credit/debit cardholder data, must adhere to the PCI Data Security Standard. The Contractor is responsible for the security of cardholder data in its possession. The data may only be used to assist the State or for other uses specifically authorized by law.

The Contractor must notify the State's Contract Administrator (within 48 hours of discovery) of any breaches in security where cardholder data has been compromised. In that event, the Contractor must provide full cooperation to the card associations (e.g. Visa, MasterCard, Discover, and American Express) and state acquirer representative(s), or a PCI approved third party, to conduct a thorough security review. The Contractor must provide, at the request of the State, the results of such third party security review. The review must validate compliance with the PCI Data Security Standard for protecting cardholder data. At the State's sole discretion, the State may perform its own security review, either by itself or through a PCI approved third party.

The Contractor is responsible for all costs incurred as the result of the breach. Costs may include, but are not limited to, fines/fees for non-compliance, card reissuance, credit monitoring, and any costs associated with a card association, PCI approved third party, or State initiated security review.

Without limiting Contractor's obligations of indemnification as further described in this Contract, Contractor must indemnify, defend, and hold harmless the State for any and all claims, including reasonable attorneys' fees, costs, and incidental expenses, which may be suffered by, accrued against, charged to, or recoverable from the State in connection with the breach.

The Contractor must dispose of cardholder data when it is no longer needed in compliance with PCI DSS policy. The Contractor must continue to treat cardholder data as confidential upon contract termination.

The Contractor must provide the State's Contract Administrator with an annual Attestation of Compliance (AOC) if or a Report on Compliance (ROC) showing the contractor is in compliance with the PCI Data Security Standard. The Contractor must notify the State's Contract Administrator of all failures to comply with the PCI Data Security Standard.

2. CEPAS Electronic Receipt Processing Standard.

All electronic commerce applications that allow for electronic receipt of credit or debit card and electronic check transactions must be processed via the State's Centralized Electronic Payment Authorization System (CEPAS). To minimize the risk to the State, full credit/debit card numbers, sensitive authentication data, and full bank account information must never be stored on state-owned IT resources. For additional information, refer to the CEPAS Integration Guide that can be found at:

https://stateofmichigan.sharepoint.com/teams/insidetreasury/about-treasury/work-areas/Documents/CEPAS/Integration%20Guides%20and%20Hotfix%20Notes/PayPoint%20Merchant%20Integration%20Guide%202.14.2021.pdf?CT=1623169629598&OR=Outlook-Body&CID=97F008F1-D094-4ED7-9335-63E0B12988E6

SCHEDULE E, Attachment C - HIPAA BUSINESS ASSOCIATE AGREEMENT

The parties to this Business Associate Agreement ("Agreement") are the Michigan Department of Technology, Management and Budget ("DTMB", "Business Associate 1") on behalf of **the State of Michigan** ("Covered Entity") and **Resultant** "Business Associate 2".

RECITALS

A. Under this Agreement, Business Associate 2 will collect or receive certain information on the Covered Entity's behalf, some of which may constitute Protected Health Information ("PHI"). In consideration of the receipt of PHI, the Business Associate agrees to protect the privacy and security of the information as set forth in this Agreement.

B. Covered Entity and each Business Associate intend to protect the privacy and provide for the security of PHI collected or received by the Business Associate under the Agreement in compliance with the Health Insurance Portability and Accountability Act of 1996, Public Law 104-191 ("HIPAA") and the HIPAA Rules, as amended.

C. The HIPAA Rules require the Covered Entity to enter into an agreement containing specific requirements with Business Associate 1, and likewise Business Associate 1 must enter an agreement with Business Associate 2 before the Business Associate 2's receipt of PHI.

AGREEMENT

1. Definitions.

a. The following terms used in this Agreement have the same meaning as those terms in the HIPAA Rules: Breach; Data Aggregation; Designated Record Set; Disclosure; Health Care Obligations; Individual; Minimum Necessary; Notice of Privacy Practices; Protected Health Information; Required by Law; Secretary; Security Incident; Security Measures, Subcontractor; Unsecured Protected Health Information, and Use.

b. "Business Associate" has the same meaning as the term "business associate" at 45 CFR 160.103 and regarding this Agreement means DTMB ("Business Associate 1") and **Resultant** ("Business Associate 2").

c. "Covered Entity" has the same meaning as the term "covered entity" at 45 CFR 160.103 and regarding this Agreement.

d. "HIPAA Rules" means the Privacy, Security, Breach Notification, and Enforcement Rules at 45 CFR Part 160 and Part 164.

2. Obligations of Business Associate 2.

Business Associate 2 agrees to:

a. use and disclose PHI only as permitted or required by this Agreement or as required by law.

b. implement and use appropriate safeguards and comply with Subpart C of 45 CFR 164 regarding electronic protected health information, to prevent use

or disclosure of PHI other than as provided in this Agreement. Business Associate 2 must maintain, and provide a copy to the Covered Entity and Business Associate 1 within 10 days of a request from the Covered Entity or Business Associate 1, a comprehensive written information privacy and security program that includes security measures that reasonably and appropriately protect the confidentiality, integrity, and availability of PHI relative to the size and complexity of Business Associate 2's operations and the nature and the scope of its activities.

c. report to the Covered Entity and Business Associate 1 within 24 hours of any use or disclosure of PHI not provided for by the Agreement of which it becomes aware, including breaches of Unsecured Protected Health Information as required by 45 CFR 164.410, and any Security Incident of which it becomes aware. If Business Associate 2 is responsible for any unauthorized use or disclosure of PHI, it must promptly act as required by applicable federal and State laws and regulations. Covered Entity and Business Associate 2 will cooperate in investigating whether a breach has occurred, to decide how to provide breach notifications to individuals, the federal Health and Human Services' Office for Civil Rights, and potentially the media.

d. ensure, according to 45 CFR 164.502(e)(1)(ii) and 164.308(b)(2), if applicable, that any subcontractors that create, receive, maintain, or transmit PHI on behalf of Business Associate 2 agree to the same restrictions, conditions, and requirements that apply to Business Associate 2 regarding such information. Each subcontractor must sign an agreement with Business Associate 2 containing substantially the same provisions as this Agreement and further identifying Business Associate 1 and Covered Entity as a third-party beneficiary of the agreement with the subcontractor. Business Associate 2 must implement and maintain sanctions against subcontractors that violate such restrictions and conditions and must mitigate the effects of any such violation.

e. make available PHI in a Designated Record Set to the Covered Entity within 10 days of a request from the Covered Entity to satisfy the Covered Entity's obligations under 45 CFR 164.524.

f. within ten days of a request from the Covered Entity, amend PHI in a Designated Record Set under, 45 CFR § 164.526. If any individual requests an amendment of PHI directly from Business Associate 2 or its agents or subcontractors, Business Associate 2 must notify the Covered Entity in writing within five days of the request and amend the information within ten days of the request. Any denial of amendment of PHI maintained by Business Associate 2 or its agents or subcontractors is the responsibility of Business Associate 2.

g. maintain, and within ten days of a request from the Covered Entity make available, the information required to provide an accounting of disclosures to enable the Covered Entity to fulfill its obligations under 45 CFR § 164.528. Business Associate 2 is not required to provide an accounting to the Covered Entity of disclosures: (i) to carry out treatment, payment or health care operations, as set forth in 45 CFR § 164.506; (ii) to individuals of PHI about them as set forth in 45 CFR § 164.502; (iii) under an authorization as provided in 45 CFR § 164.508; (iv) to persons involved in the individual's care or other notification purposes as set forth in 45 CFR § 164.510; (v) for national security or intelligence purposes as set forth in 45 CFR § 164.512(k)(2); (vi) to correctional institutions or law enforcement officials as set forth in 45 CFR § 164.512(k)(5); (vii) as part of a limited data set according to 45 CFR 164.514(e); or (viii) that occurred before the compliance date for the Covered Entity. Business Associate 2 agrees to implement a process that allows for an accounting to be collected and maintained by Business Associate 2 and its agents or subcontractors for at least six years before the request, but not before the compliance date of the Privacy Rule. At a minimum, such information must include: (i) the date of disclosure; (ii) the name of the entity or person who received PHI and, if known, the address of the entity or person; (iii) a brief description of PHI disclosed; and (iv) a brief statement of purpose of the disclosure that reasonably informs the individual of the basis for the disclosure or a copy of the written request for disclosure. If the request for an accounting is delivered directly to Business Associate 2 or its agents or subcontractors, Business Associate 2 must, within ten days of the receipt of the request, forward it to the Covered Entity in writing.

h. to the extent Business Associate 2 is to carry out one or more of the Covered Entity's obligations under Subpart E of 45 CFR Part 164, comply with the requirements of Subpart E that apply to the Covered Entity when performing those obligations.

i. make its internal practices, books, and records relating to Business Associate 2's use and disclosure of PHI available to the Secretary for purposes of determining compliance with the HIPAA Rules. Business Associate 2 must concurrently provide to the Covered Entity a copy of any PHI that the Business Associate 2 provides to the Secretary.

j. retain all PHI throughout the term of the Agreement and for a period of six years from the date of creation or the date when it last was in effect, whichever is later, or as required by law. This obligation survives the termination of the Agreement.

k. implement policies and procedures for the final disposition of PHI and the hardware and equipment on which it is stored, including but not limited to, removal of PHI before re-use.

l. within ten days of a written request by the Covered Entity, Business Associate 2 and its agents or subcontractors must allow the Covered Entity to conduct a reasonable inspection of the facilities, systems, books, records, agreements, policies and procedures relating to the use or disclosure of PHI under this Agreement. Business Associate 2 and the Covered Entity will mutually agree in advance upon the scope, timing and location of such an inspection. Covered Entity must protect the confidentiality of all confidential and proprietary information of Business Associate 2 to which the Covered Entity has access during the course of such inspection. Covered Entity and Business Associate 2 will execute a nondisclosure agreement, if requested by the other party. The fact that the Covered Entity inspects, or fails to inspect, or has the right to inspect, Business Associate 2's facilities, systems, books, records, agreements, policies and procedures does not relieve Business Associate 2 of its responsibility to comply with this

Agreement. Covered Entity's (i) failure to detect or (ii) detection, but failure to notify Associate or require Associate's remediation of any unsatisfactory practices, does not constitute acceptance of such practice or a waiver of the Covered Entity's enforcement rights under this Agreement.

3. Permitted Uses and Disclosures by the Business Associate.

a. Business Associate 2 may use or disclose PHI:

(1) for the proper management and administration of Business Associate 2 or to carry out the legal responsibilities of Business Associate 2; provided, however, either (A) the disclosures are required by law, or (B) Business Associate 2 obtains reasonable assurances from the person to whom the information is disclosed that the information will remain confidential and used or further disclosed only as required by law or for the purposes for which it was disclosed to the person, and the person notifies Business Associate 2 of any instances of which it is aware in which the confidentiality of the information has been breached;

(2) as required by law;

(3) for Data Aggregation services relating to the health care operations of the Covered Entity;

(4) to de-identify, consistent with 45 CFR 164.514(a) – (c), PHI it receives from the Covered Entity. If Business Associates 2 de-identifies the PHI it receives from the Covered Entity, Business Associate 2 may use the de-identified information for any purpose not prohibited by the HIPAA Rules; and

(5) for any other purpose listed here:

b. Business Associate 2 agrees to make uses and disclosures and requests for PHI consistent with the Covered Entity's minimum necessary policies and procedures.

c. Business Associate 2 may not use or disclose PHI in a manner that would violate Subpart E of 45 CFR Part 164 if done by the Covered Entity except for the specific uses and disclosures described above in 3(a)(i) and (iii).

4. Covered Entity's Obligations

Covered entity agrees to:

a. use its Security Measures to reasonably and appropriately maintain and ensure the confidentiality, integrity, and availability of PHI transmitted to Business Associate 2 under this Agreement until the PHI is received by Business Associate 2.
b. provide Business Associate 2 with a copy of its Notice of Privacy Practices and must notify the Business Associate of any limitations in the Notice of Privacy Practices of the Covered Entity under 45 CFR 164.520 to the extent that such limitation may affect Business Associate 2's use or disclosure of PHI.
c. notify Business Associate 2 of any changes in, or revocation of, the permission by an individual to use or disclose the individual's PHI to the extent that such changes may affect Business Associate 2's use or disclosure of PHI.
d. notify Business Associate 2 of any restriction on the use or disclosure of PHI that the Covered Entity has agreed to or is required to abide by under 45 CFR 164.522 to the extent that such restriction may affect Business Associate 2's use or disclosure of PHI.

5. Term. This Agreement continues in effect until terminated or is replaced with a new agreement between the parties containing provisions meeting the requirements of the HIPAA Rules, whichever first occurs.

6. Termination.

a. Material Breach. In addition to any other provisions in the Agreement regarding breach, a breach by Business Associate 2 of any provision of this Agreement, as determined by the Covered Entity, constitutes a material breach of the Agreement and provides grounds for Business Associate 1 to terminate this Agreement for cause at the request of Covered Entity. Termination for cause is subject to 6.b.:

(1) Default. If Business Associate 2 refuses or fails to timely perform any of the provisions of this Agreement, the Covered Entity may notify Business Associate 2 in writing of the non-performance, and if not corrected within thirty days, Business Associate 1 may immediately terminate the Agreement at the request of Covered Entity. The Business Associate 2 must continue performance of the Agreement to the extent it is not terminated.

(2) Business Associate 2's Duties. Notwithstanding termination of the Agreement, and subject to any directions from the Covered Entity or Business Associate 1, Business Associate 2 must protect and preserve property in the possession of Business Associate 2 in which the Covered Entity has an interest.

(3) Erroneous Termination for Default. If Business Associate 1 terminates this Agreement at the request of Covered Entity under Section 6(a) and after such termination it is determined, for any reason, that Business Associate 2 was not in default, then such termination will be treated as a termination for convenience, and the rights and obligations of the parties will be the same as if the Agreement had been terminated for convenience.

b. Reasonable Steps to Cure Breach. If the Covered Entity or Business Associate 1 knows of a pattern of activity or practice of Business Associate 2 that constitutes a material breach or violation of Business Associate 2's obligations under the provisions of this Agreement or another arrangement and does not terminate this Agreement under Section 6(a), then the Business Associate 1, at the request of Covered Entity or on its own accord, must notify Business Associate 2 of the pattern of activity or practice. Business Associate 2 must then take reasonable

steps to cure such breach or end such violation, as applicable. If the Business Associate 2's efforts to cure such breach or end such violation are unsuccessful, Business Associate 1, at the request of the Covered Entity or on its own accord, may either (i) terminate this Agreement, if feasible or (ii) report Business Associate 2's breach or violation to the Secretary.

c. Effect of Termination. After termination of this Agreement for any reason, the Business Associate, with respect to PHI it received from the Covered Entity, or created, maintained, or received by Business Associate 2 on behalf of the Covered Entity, must:

(1) retain only that PHI which is necessary for Business Associate 2 to continue its proper management and administration or to carry out its legal responsibilities;

(2) return to the Covered Entity (or, if agreed to by the Covered Entity in writing, destroy) the remaining PHI that Business Associate 2 still maintains in any form;

(3) continue to use appropriate safeguards and comply with Subpart C of 45 CFR Part 164 with respect to electronic protected health information to prevent use or disclosure of the PHI, other than as provided for in this Section, for as long as Business Associate 2 retains the PHI;

(4) not use or disclose the PHI retained by Business Associate 2 other than for the purposes for which such PHI was retained and subject to the same conditions set out at Section 3(a)(1) which applied before termination; and

(5) return to the Covered Entity (or, if agreed to by the Covered Entity in writing, destroy) the PHI retained by Business Associate 2 when it is no longer needed by Business Associate 2 for its proper management and administration or to carry out its legal responsibilities.

7. No Waiver of Immunity. The parties do not intend to waive any of the immunities, rights, benefits, protection, or other provisions of the Michigan

Governmental Immunity Act, MCL 691.1401, *et seq*., the Federal Tort Claims Act, 28 U.S.C. 2671 *et seq*., or the common law.

8. Data Ownership. Business Associate 2 has no ownership rights in the PHI. The covered entity retains all ownership rights of the PHI.

9. Disclaimer. Neither Business Associate 1, nor the Covered Entity, warrants or represents that compliance by Business Associate 2 with this Agreement, HIPAA, or the HIPAA Rules will be adequate or satisfactory for Business Associate 2's own purposes. Business Associate 2 is solely responsible for all decisions made by Business Associate 2 regarding the safeguarding of PHI.

10. Certification. If the Covered Entity determines an examination is necessary to comply with the Covered Entity's legal obligations under HIPAA relating to certification of its security practices, the Covered Entity or its authorized agents or contractors, may, at the Covered Entity's expense, examine Business Associate 2's facilities, systems, procedures and records as may be necessary for such agents or contractors to certify to the Covered Entity the extent to which Business Associate 2's security safeguards comply with HIPAA, the HIPAA Rules or this Agreement.

11. Amendment. The parties acknowledge that state and federal laws relating to data security and privacy are rapidly evolving and that amendment of this Agreement may be required to provide for procedures to ensure compliance with such developments. The parties specifically agree to take such action as is necessary to implement the standards and requirements of HIPAA and the HIPAA Rules. Upon the request of either party, the other party agrees to promptly enter into negotiations concerning the terms of an amendment to this Agreement embodying written assurances consistent with the standards and requirements of HIPAA and the HIPAA Rules. Either party may terminate the Agreement upon thirty days written notice if (i) one party does not promptly enter into negotiations to amend this Agreement when requested by the other party or (ii) Business Associate 2 does not enter into an amendment to this Agreement providing assurances regarding the safeguarding of PHI that the Covered Entity, in its sole

discretion, deems sufficient to satisfy the standards and requirements of HIPAA or the HIPAA Rules.

12. Assistance in Litigation or Administrative Proceedings. Business Associate 2 must make itself, and any subcontractors, employees or agents assisting Business Associate 2 in the performance of its obligations under this Agreement, available to the Covered Entity or Business Associate 1, at no cost to the Covered Entity or Business Associate 1, to testify as witnesses, or otherwise, if litigation or administrative proceedings are commenced against the Covered Entity or Business Associate 1, its directors, officers or employees, departments, agencies, or divisions based upon a claimed violation of HIPAA or the HIPAA Rules or other laws relating to Business Associate 2's or its subcontractors use or disclosure of PHI under this Agreement, except where Business Associate 2 or its subcontractor, employee or agent is a named adverse party.

13. No Third-Party Beneficiaries. Nothing express or implied in this Agreement is intended to confer upon any person other than the Covered Entity, Business Associate 1, Business Associate 2 and their respective successors or assigns, any rights, remedies, obligations or liabilities whatsoever.

14. Interpretation and Order of Precedence. Any ambiguity in this Agreement must be interpreted to permit compliance with the HIPAA Rules. Where the provisions of this Agreement differ from those mandated by the HIPAA Rules, but are nonetheless permitted by the HIPAA Rules, the provisions of this Agreement control.

15. Effective Date. This Agreement is effective upon receipt of the last approval necessary and the affixing of the last signature required.

16. Survival of Certain Agreement Terms. Notwithstanding any contrary provision in this Agreement, the Business Associate 2's obligations under Section 6(d) and record retention laws ("Effect of Termination") and Section 12 ("No Third-

Party Beneficiaries") survive termination of this Agreement and are enforceable by the Covered Entity or Business Associate 1.

17. Representatives and Notice.

a. Representatives. The individuals listed below are designated as the parties' respective representatives for purposes of this Agreement. Either party may from time to time designate in writing new or substitute representatives.

b. Notices. All required notices must be in writing and must be hand delivered or given by certified or registered mail to the representatives at the addresses set forth below.

Covered Entity Representative :

James Bowen
Privacy and Security Manager
MDHHS Compliance Office
333 South Grand Ave, 4th Floor
Lansing, MI 48933
(517) 284-1018
MDHHSPrivacySecurity@michigan.gov

Business Associate 1 Representative:

Name:

Title:

Department:

Address:

Phone:

Email:

Business Associate 2 Representative:

Name:

Title:

Department:

Address:

Phone:

Email:

Any notice given to a party under this Agreement shall be deemed effective, if addressed to such party, upon: (i) delivery, if hand delivered; or (ii) the third Business Day after being sent by certified or registered mail.

DTMB as Business Associate 1	**Business Associate 2**
	[INSERT NAME]
By: _____	By: _____
Date: _____	Date: _____

Print Name: _____ Print Name: _____

Title: Title: _____

_____

FEDERAL BUREAU OF INVESTIGATION CRIMINAL JUSTICE INFORMATION SERVICESSECURITY ADDENDUM

The goal of this document is to augment the CJIS Security Policy to ensure adequate security is provided for criminal justice systems while (1) under the control or management of a private entity or (2) connectivity to FBI CJIS Systems has been provided to a private entity (contractor). Adequate security is defined in Office of Management and Budget Circular A- 130 as "security commensurate with the risk and magnitude of harm resulting from the loss, misuse, or unauthorized access to or modification of information."

The intent of this Security Addendum is to require that the Contractor maintain a security program consistent with federal and state laws, regulations, and standards (including the CJIS Security Policy in effect when the contract is executed), as well as with policies and standards established by the Criminal Justice Information Services (CJIS) Advisory Policy Board (APB).

This Security Addendum identifies the duties and responsibilities with respect to the installation and maintenance of adequate internal controls within the contractual relationship so that the security and integrity of the FBI's information resources are not compromised. The security program shall include consideration of personnel security, site security, system security, and data security, and technical security.

The provisions of this Security Addendum apply to all personnel, systems, networks and support facilities supporting and/or acting on behalf of the government agency.

1.00 Definitions

1.01 Contracting Government Agency (CGA) - the government agency, whether a Criminal Justice Agency or a Noncriminal Justice Agency, which enters into an agreement with a private contractor subject to this Security Addendum.

1.02 Contractor - a private business, organization or individual which has entered into an agreement for the administration of criminal justice with a Criminal Justice Agency or a Noncriminal Justice Agency.

2.00 Responsibilities of the Contracting Government Agency.

2.01 The CGA will ensure that each Contractor employee receives a copy of the Security Addendum and the CJIS Security Policy and executes an acknowledgment of such receipt and the contents of the Security Addendum. The signed acknowledgments shall remain in the possession of the CGA and available for audit purposes. The acknowledgement may be signed by hand or via digital signature (see glossary for definition of digital signature).

3.00 Responsibilities of the Contractor.

3.01 The Contractor will maintain a security program consistent with federal and state laws, regulations, and standards (including the CJIS Security Policy in effect when the contract is executed and all subsequent versions), as well as with policies and standards established by the Criminal Justice Information Services (CJIS) Advisory Policy Board (APB).

4.00 Security Violations.

4.01 The CGA must report security violations to the CJIS Systems Officer (CSO) and the Director, FBI, along with indications of actions taken by the CGA and Contractor.

4.02 Security violations can justify termination of the appended agreement.

4.03 Upon notification, the FBI reserves the right to:

a. Investigate or decline to investigate any report of unauthorized use;

b. Suspend or terminate access and services, including telecommunications links. The FBI will provide the CSO with timely written notice of the suspension. Access and services will be reinstated only after satisfactory assurances have been provided to the FBI by the CGA and Contractor. Upon termination, the Contractor's records containing CHRI must be deleted or returned to the CGA.

5.00 Audit

5.01 The FBI is authorized to perform a final audit of the Contractor's systems after termination of the Security Addendum.

6.00 Scope and Authority

6.01 This Security Addendum does not confer, grant, or authorize any rights, privileges, or obligations on any persons other than the Contractor, CGA, CJA (where applicable), CSA, and FBI.

6.02 The following documents are incorporated by reference and made part of this agreement: (1) the Security Addendum; (2) the NCIC 2000 Operating Manual; (3) the CJIS Security Policy; and (4) Title 28, Code of Federal Regulations, Part 20. The parties are also subject to applicable federal and state laws and regulations.

6.03 The terms set forth in this document do not constitute the sole understanding by and between the parties hereto; rather they augment the provisions of the CJIS Security Policy to provide a minimum basis for the security of the system and contained information and it is understood that there may be terms and conditions of the appended Agreement which impose more stringent requirements upon the Contractor.

6.04 This Security Addendum may only be modified by the FBI, and may not be modified by the parties to the appended Agreement without the consent of the FBI.

6.05 All notices and correspondence shall be forwarded by First Class mail to:

Information Security Officer

Criminal Justice Information Services Division, FBI

1000 Custer Hollow Road

Clarksburg, West Virginia 26306

STATE OF MICHIGAN
PROCUREMENT
Michigan.gov/MiProcurement

FEDERAL BUREAU OF INVESTIGATION
CRIMINAL JUSTICE INFORMATION SERVICES
SECURITY ADDENDUM

CERTIFICATION

I hereby certify that I am familiar with the contents of (1) the Security Addendum, including its legal authority and purpose; (2) the NCIC Operating Manual; (3) the CJIS Security Policy; and (4) Title 28, Code of Federal Regulations, Part 20, and agree to be bound by their provisions.

I recognize that criminal history record information and related data, by its very nature, is sensitive and has potential for great harm if misused. I acknowledge that access to criminal history record information and related data is therefore limited to the purpose(s) for which a government agency has entered into the contract incorporating this Security Addendum. I understand that misuse of the system by, among other things: accessing it without authorization; accessing it by exceeding authorization; accessing it for an improper purpose; using, disseminating or re-disseminating information received as a result of this contract for a purpose other than that envisioned by the contract, may subject me to administrative and criminal penalties. I understand that accessing the system for an appropriate purpose and thenusing, disseminating or re-disseminating the information received for another purpose other than execution of the contract also constitutes misuse. I further understand that the occurrenceof misuse does not depend upon whether or not I receive additional compensation for such authorized activity. Such exposure for misuse includes, but is not limited to, suspension or loss of employment and prosecution for state and federal crimes.

_____ _____

Printed Name/Signature of Contractor Employee Date

_____ _____

Printed Name/Signature of Contractor Representative Date

_____

Organization and Title of Contractor Representative

Exhibit 7 Safeguarding Contract Language

I. PERFORMANCE

In performance of this contract, the Contractor agrees to comply with and assume responsibility for compliance by officers or employees with the following requirements:

(1) All work will be performed under the supervision of the contractor.

(2) The contractor and contractor's officers or employees to be authorized access to FTI must meet background check requirements defined in IRS Publication 1075. The contractor will maintain a list of officers or employees authorized access to FTI. Such list will be provided to the agency and, upon request, to the IRS.

(3) FTI in hardcopy or electronic format shall be used only for the purpose of carrying out the provisions of this contract. FTI in any format shall be treated as confidential and shall not be divulged or made known in any manner to any person except as may be necessary in the performance of this contract. Inspection or disclosure of FTI to anyone other than the contractor or the contractor's officers or employees authorized is prohibited.

(4) FTI will be accounted for upon receipt and properly stored before, during, and after processing. In addition, any related output and products require the same level of protection as required for the source material.

(5) The contractor will certify that FTI processed during the performance of this contract will be completely purged from all physical and electronic data storage with no output to be retained by the contractor at the time the work is completed. If immediate purging of physical and electronic data storage is not possible, the contractor will certify that any FTI in physical or electronic storage will remain safeguarded to prevent unauthorized disclosures.

(6) Any spoilage or any intermediate hard copy printout that may result during the processing of FTI will be given to the agency. When this is not possible, the contractor will be responsible for the destruction of the spoilage or any intermediate hard copy printouts and will provide the agency with a statement containing the date of destruction, description of material destroyed, and the destruction method.

(7) All computer systems receiving, processing, storing, or transmitting FTI must meet the requirements in IRS Publication 1075. To meet functional and assurance requirements, the security features of the environment must provide for the managerial, operational, and technical controls. All security features must be available and activated to protect against unauthorized use of and access to FTI.

(8) No work involving FTI furnished under this contract will be subcontracted without the prior written approval of the IRS.

(9) Contractor will ensure that the terms of FTI safeguards described herein are included, without modification, in any approved subcontract for work involving FTI.

(10) To the extent the terms, provisions, duties, requirements, and obligations of this contract apply to performing services with FTI, the contractor shall assume toward the subcontractor all obligations, duties and responsibilities that the agency under this contract assumes toward the contractor, and the subcontractor shall assume toward the contractor all the same obligations, duties and responsibilities which the contractor assumes toward the agency under this contract.

(11) In addition to the subcontractor's obligations and duties under an approved subcontract, the terms and conditions of this contract apply to the subcontractor, and the subcontractor is bound and obligated to the contractor hereunder by the same terms and conditions by which the contractor is bound and obligated to the agency under this contract.

(12) For purposes of this contract, the term “contractor” includes any officer or employee of the contractor with access to or who uses FTI, and the term “subcontractor” includes any officer or employee of the subcontractor with access to or who uses FTI.

(13) The agency will have the right to void the contract if the contractor fails to meet the terms of FTI safeguards described herein.

II. CRIMINAL/CIVIL SANCTIONS

(1) Each officer or employee of a contractor to whom FTI is or may be disclosed shall be notified in writing that FTI disclosed to such officer or employee can be used only for a purpose and to the extent authorized herein, and that further disclosure of any FTI for a purpose not authorized herein constitutes a felony punishable upon conviction by a fine of as much as $5,000 or imprisonment for as long as 5 years, or both, together with the costs of prosecution.

(2) Each officer or employee of a contractor to whom FTI is or may be accessible shall be notified in writing that FTI accessible to such officer or employee may be accessed only for a purpose and to the extent authorized herein, and that access/inspection of FTI without an official need-to-know for a purpose not authorized herein constitutes a criminal misdemeanor punishable upon conviction by a fine of as much as $1,000 or imprisonment for as long as 1 year, or both, together with the costs of prosecution.

(3) Each officer or employee of a contractor to whom FTI is or may be disclosed shall be notified in writing that any such unauthorized access, inspection or disclosure of FTI may also result in an award of civil damages against the officer or employee in an amount equal to the sum of the greater of $1,000 for each unauthorized access, inspection, or disclosure, or the sum of actual damages sustained as a result of such unauthorized access, inspection, or disclosure, plus in the case of a willful unauthorized access, inspection, or disclosure or an unauthorized access/inspection or disclosure which is the result of gross negligence, punitive damages, plus the cost of the action. These penalties are prescribed by IRC sections 7213, 7213A and 7431 and set forth at 26 CFR 301.6103(n)-1.

(3) Additionally, it is incumbent upon the contractor to inform its officers and employees of the penalties for improper disclosure imposed by the Privacy Act of 1974, 5 U.S.C. 552a. Specifically, 5 U.S.C. 552a(i)(1), which is made applicable to contractors by 5 U.S.C. 552a(m)(1), provides that any officer or employee of a contractor, who by virtue of his/her employment or official position, has possession of or access to agency records which contain individually identifiable information, the disclosure of which is prohibited by the Privacy Act or regulations established thereunder, and who knowing that disclosure of the specific material is so prohibited, willfully discloses the material in any manner to any person or agency not entitled to receive it, shall be guilty of a misdemeanor and fined not more than $5,000.

(4) Granting a contractor access to FTI must be preceded by certifying that each officer or employee understands the agency’s security policy and procedures for safeguarding FTI. A contractor and each officer or employee must maintain their authorization to access FTI through annual recertification of their understanding of the agency’s security policy and procedures for safeguarding FTI. The initial certification and recertifications must be documented and placed in the agency's files for review. As part of the certification and at least annually afterwards, a contractor and each officer or employee must be advised of the provisions of IRC sections 7213, 7213A, and 7431 (see Exhibit 4, Sanctions for Unauthorized Disclosure, and Exhibit 5, Civil Damages for Unauthorized Disclosure). The training on the agency’s security policy and procedures provided before the initial certification and annually thereafter must also cover the incident response policy and procedure for reporting unauthorized disclosures and data breaches. (See Section 10) For the initial certification and the annual recertifications, the contractor and each officer or employee must sign, either with ink or electronic signature, a confidentiality statement certifying their understanding of the security requirements.

III. INSPECTION

The IRS and the Agency, with 24 hour notice, shall have the right to send its inspectors into the offices and plants of the contractor to inspect facilities and operations performing any work with FTI under this contract for compliance with requirements defined in IRS Publication 1075. The IRS' right of inspection shall include the use of manual and/or automated scanning tools to perform compliance and vulnerability assessments of information technology (IT) assets that access, store, process or transmit FTI. Based on the inspection, corrective actions may be required in cases where the contractor is found to be noncompliant with FTI safeguard requirements.

SCHEDULE F – DISASTER RECOVERY PLAN

Reserved due to security.

SCHEDULE G – TRANSITION IN AND OUT

Resultant's Transition Out Plan is as follows. The Transition Plan is included in the project plan.

The Collaborative Research Environment solution will be deployed within a SOM tenant. Therefore, SOM has access to any and all data stored within the solution. SOM has full control over the environment and the data stored within. The State of Michigan administrators can export data out of the system at any time for storage or migration to a new or third-party system.