Attachment D1
SAMPLE MASTER AGREEMENT EXHIBIT
MINNESOTA SECURITY AND DATA PROTECTION

These terms and conditions shall only apply to Participating Entities and Purchasing Entities in the State of Minnesota.

1. To the extent to which it applies, Contractor is responsible for the security and protection of data subject to and related to Cloud Services. The terms, conditions, and provisions of this Security and Data Protection section take precedence and will prevail over any other terms, conditions, and provisions of the Master Agreement, if in conflict. This Security and Data Protection section, including its sub-sections, survives the completion, termination, expiration, or cancellation of the Master Agreement.

2. For the purposes of this Security and Data Protection section, the following terms have the following meanings:

2.1 "Cloud Services" includes "cloud computing" as defined by the U.S. Department of Commerce, NIST Special Publication 800-145 (currently available online at: http://nvlpubs.nist.gov/nistpubs/Legacy/SP/nistspecialpublication800-145.pdf) and any other software, hardware, hosting service, subscription, or other service or product by which Contractor stores, transmits, processes or otherwise has access to State data.

2.2 "State" refers to each State which has executed a Participating Addendum with the Contractor.

2.3 "Data" has the meaning of "government data" in Minn. Stat. § 13.02, subd. 7.

2.4 "Not public data" has the meaning in Minn. Stat. § 13.02, subd. 8a.

2.5 "Security incident" means any actual, successful or suspected: (1) improper or unauthorized access to, viewing of, obtaining of, acquisition of, use of, disclosure of, modification of, alteration to, loss of, damage to or destruction of State data; (2) interference with an information system; (3) disruption of or to Contractor's service(s); or (4) any similar or related incident.

2.6 "Privacy incident" means violation of the Minnesota Government Data Practices Act (Minnesota Statutes chapter 13); violation of federal data disclosure or privacy requirements in federal laws, rules and regulations; or breach of a contractual obligation to protect State data. This includes, but is not limited to, improper or unauthorized access to, viewing of, obtaining of, acquisition of, use of, disclosure of, damage to, loss of, modification of, alteration to or destruction of State data protected by such State or federal laws or by contract.

3. Data Ownership. Each State solely and exclusively owns and retains all right, title and interest, whether express or implied, in and to any and all State data. Contractor has no and acquires no right, title or interest, whether express or implied, in and to any State's data.

3.1 Contractor will only use State data for the purposes set forth in the Contract. Contractor will only access State data as necessary for performance of this Contract. Contractor will not access State user accounts except to respond to service or technical problems or at the State's specific request.

3.2 All State data, including copies, summaries and derivative works thereof, must be remitted, in a mutually agreeable format and media, to the State by the Contractor upon request or upon completion, termination or cancellation of the Contract. The foregoing sentence does not apply if the State's Chief Information Security Officer or delegate authorizes in writing the Contractor to sanitize or destroy the data and the Contractor certifies in writing the sanitization or destruction of the data. Within ninety days following any remittance of State data to the State, Contractor shall, unless otherwise instructed by the State in writing, sanitize or destroy any remaining data and certify in writing that the sanitization or destruction of the data has occurred. Any such remittance, sanitization or destruction will be at the Contractor's sole cost and expense.

3.3 In the event Contractor receives a request to release any State data, Contractor must immediately notify the State's data practices compliance official. The State will give Contractor instructions concerning the release of the data to the requesting party before the data is released. Contractor must comply with the State's instructions. The civil remedies of Minn. Stat. § 13.08 apply to the release of the data by Contractor.

4. Notification of Incidents. If Contractor becomes aware of or has reasonable suspicion of a privacy incident or security incident regarding any State data, Contractor must report such incident to the State and the State Chief Information Security Officer as soon as possible, but no later than twenty-four (24) hours after such incident. The decision to notify the affected data subjects and the form of such notice following report of a privacy incident or security incident are the responsibility of the State. Notwithstanding anything to the contrary in this Contract, Contractor will indemnify, hold harmless and defend the State and its officers, and employees for and against any claims, damages, costs and expenses related to any privacy incident or security incident involving any State data. For purposes of clarification, the foregoing sentence shall in no way limit or diminish Contractor's obligation(s) to indemnify, save, hold harmless, or defend the State under any other term of this Contract. Contractor will reasonably mitigate any harmful effects resulting from any privacy incident or security incident involving any State data.

5. Security Program. Contractor will make best efforts to protect and secure the State data related to this Contract. Contractor will establish and maintain an Information Security Program ("Program") that includes an information security policy applicable to any and all Cloud Services ("Policy"). Contractor's Program and Policy must align with appropriate industry security frameworks and standards such as National Institute of Standards and Technology ("NIST") 800-53 Special Publication Revision 5, Federal Information Processing Standards ("FIPS") 199, Federal Risk and Authorization Management Program ("FedRamp"), or Control Objectives for Information and Related Technology ("COBIT").

5.1 Upon the State's request, Contractor will make its Policy available to the State on a confidential, need-to-know basis, along with other related information reasonably requested by the State regarding Contractor's security practices and policies. Unless inconsistent with applicable laws, Contractor and the State must treat the Policy and related information on security practices and policies that are specific to the State as confidential information and as not public data pursuant to Minn. Stat. § 13.37.

6. Data Management. Contractor will not use State data, including production data, for testing or development purposes unless authorized in writing by the State Chief Information Security Officer or delegate. Contractor will implement and maintain procedures to physically and logically segregate State data, unless otherwise explicitly authorized by the State Chief Information Security Officer or delegate.

7. Data Encryption. Contractor must encrypt all State data at rest and in transit, in compliance with FIPS Publication 140-2 or applicable law, regulation or rule, whichever is a higher standard. All encryption keys must be unique to State data. Contractor will secure and protect all encryption keys to State

data. Encryption keys to State data will only be accessed by Contractor as necessary for performance of this Contract.

8. Data Storage. Contractor warrants that any and all State data will be stored, processed, and maintained solely on designated servers and that no such data at any time will be processed on or transferred to any portable computing device or any portable storage medium, unless that storage medium is in use as part of the Contractor's designated backup and recovery processes.

9. Data Center and Monitoring/Support Locations. During the term of the Contract, Contractor will: (1) locate all production and disaster recovery data centers that store, process or transmit State data only in the continental United States, (2) store, process and transmit State data only in the continental United States, and (3) locate all monitoring and support of all Cloud Services only in the continental United States. The State has the right to on-site visits and reasonable inspection of the data centers upon notice to Contractor of seven calendar days prior to visit.

10. Security Audits & Remediation. Contractor will audit the security of the systems and processes used to provide any and all Cloud Services, including those of the data centers used by Contractor to provide any and all Cloud Services to the State. This security audit: (1) will be performed at least once every calendar year beginning with 2016; (2) will be performed according Statement on Standards for Attestation Engagements ("SSAE") 16 Service Organization Control ("SOC") 2, International Organization for Standardization ("ISO") 27001, or FedRAMP; (3) will be performed by third party security professionals at Contractor's election and expense; (4) will result in the generation of an audit report ("Contractor Audit Report"), which will, to the extent permitted by applicable law, be deemed confidential information and as not public data under the Minnesota Government Data Practices Act (Minnesota Statutes chapter 13); and (5) may be performed for other purposes in addition to satisfying this section.

10.1 Upon the State's reasonable, advance written request, Contractor will provide to the State a copy of the Contractor Audit Report.

10.2 Contractor will make best efforts to remediate any control deficiencies identified in the Contractor Audit Report in a commercially reasonable timeframe.

10.3 If the State becomes aware of any other Contractor controls that do not substantially meet the State's requirements, the State may request remediation from Contractor. Contractor will make best efforts to remediate any control deficiencies identified by the State or known by Contractor, in a commercially reasonable timeframe.

11. Insurance and Liability. Contractor warrants that it has and will maintain the insurance described within each executed Participating Addendum. An Umbrella or Excess Liability insurance policy may be used to supplement the Contractor's policy limits to satisfy the full policy limits required provided that Contractor warrants that the minimum coverage requirements below are met.

12. Subcontractors and Third Parties. Contractor warrants that no State data will be transmitted, exchanged or otherwise provided to other parties except as specifically agreed to in writing by the State's Chief Information Security Officer or delegate. Contractor must ensure that any contractors, subcontractors, agents and others to whom it provides State data, agree in writing to be bound by the same restrictions and conditions under this Contract that apply to Contractor with respect to such data.

13. Compliance with Data Privacy and Security Laws and Standards. Contractor shall comply with all applicable State and federal data privacy and data security laws, rules, and regulations.

14. Remedies. Contractor acknowledges that the State, because of the unique nature of its data, would suffer irreparable harm in the event that Contractor breaches its obligation under this Security and Data Protection section, and monetary damages may not adequately compensate the State for such a breach. In such circumstances, the State will be entitled, in addition to monetary relief, to injunctive

relief or specific performance as may be necessary to restrain any continuing or further breach by Contractor, without showing or proving any actual damages sustained by the State.

15. Business Continuity. Contractor shall have written business continuity and disaster recovery plans that define the roles, responsibilities and procedures necessary to ensure that Cloud Services provided under this Contract shall be maintained continuously in the event of a disruption to the Contractor's operations, regardless of the cause of the disruption. Such plans must, at a minimum, define the Contractor's actions to address the impacts of the following key areas likely to cause a disruption to Contractor's operations: loss of key personnel, loss of facility, and loss of information technology. Contractor must conduct testing and review of its business continuity and disaster recovery plan at least annually. Upon State request, Contractor must also participate, at mutually agreed upon times, in State business continuity and disaster recovery testing, training, and exercise activities.

Any term or condition that allows the Contractor to terminate the Contract for any or no reason (i.e., termination for convenience) is null and void. In the event of termination or cancellation of this Contract for any reason, the Contractor shall continue to provide any then-existing Cloud Services for as long as the State needs to transfer its data, software and other assets to an alternate service or service provider. After any such termination or cancellation, the State may purchase the continuing Cloud Services at the pricing in effect prior to such termination or cancellation. The fee for any such purchase shall be prorated for the period of time needed, as determined by the State, and shall be reduced by the amount paid for Cloud Services that were not used prior to such termination or cancellation. The amount of any such fee reduction shall be determined on a pro-rata basis. The Contractor shall refund to the State any unused portion of payments for Cloud Services.

16. Background Checks. Contractor represents that it has conducted and will conduct background investigations into all of Contractor’s agents, employees, and subcontractors that will provide Cloud Services to the State. Such background investigations must have been or will be conducted by investigating local, state and federal criminal records, local, state and federal civil case records, and employment references.

If any provision of this sub-section is found to violate any applicable laws, rules, or State policies, then the Contractor will be relieved of all obligations arising under such provision. Notwithstanding anything to the contrary in this sub-section, this sub-section is only applicable and effective to extent that it is consistent with applicable laws, rules, and State policies.

17. Secure Coding. Contractor warrants that all Cloud Services are free from any and all defects in materials, workmanship, and design. Contractor warrants that all Cloud Services are free from any and all viruses, malware, and other harmful or malicious code. Contractor must scan all source code for vulnerabilities, including before and after any source code changes are made and again before being placed into production, and must promptly remediate any and all vulnerabilities. Contractor must follow best practices for application code review and the most current version of the OWASP top 10.

18. Compliance with Data Privacy and Security Laws and Standards. Contractor shall comply with Contractor shall comply with all applicable State and federal data privacy and data security laws, rules, and regulations.

19. For the term of this Contract, Contractor will maintain an ISO 27001 Certification for any and all Cloud Services provided under this Contract.