Memorandum for General RFP Configuration

To: Vendor with current valid proposal for General RFP #38493849 for Computer Hardware and Software

From: Craig P. Orgeron, Ph.D.

CC: ITS Project File Number 43201ITS Project File Number 43201

Date: February 7, 2017

Subject: Letter of Configuration (LOC) Number **43201**43201 for two Next Generation Threat Extraction and Management Appliancetwo Next Generation Threat Extraction and Management Appliances for the Mississippi Department of Human ServicesMississippi Department of Human Services MDHS(MDHS)

Contact Name: Jill ChastantJill Chastant

Contact Phone Number: 601-432-82148214

Contact E-mail Address: jill.chastantjill.chastant@its.ms.gov

The Mississippi Department of Information Technology Services (ITS) is seeking the hardware, software and services described below on behalf of the Mississippi Department of Human Services (MDHS). Our records indicate that your company currently has a valid proposal on file at ITS in response to General RFP #3849 for Computer Hardware and Software. Please review this document to determine if your company offers products, software and/or services that meet the requirements of this project. Written responses for the requested products, software and/or services will be considered.

GENERAL LOC INSTRUCTIONS

* 1. Beginning with Item 2, label and respond to each outline point as it is labeled in the LOC.
  2. The Vendor must respond with “ACKNOWLEDGED,” “WILL COMPLY,” or “AGREED” to each point in the LOC including the attached *Standard Purchase Agreement*, (Attachment D), as follows:
     1. “ACKNOWLEDGED” should be used when a Vendor response or Vendor compliance is not required. “ACKNOWLEDGED” simply means the Vendor is confirming to the State that he read the statement. This is commonly used in sections where the agency’s current operating environment is described or where general information is being given about the project.
     2. “WILL COMPLY” or “AGREED” are used interchangeably to indicate that the Vendor will adhere to the requirement. These terms are used to respond to statements that specify that a Vendor or Vendor’s proposed solution must comply with a specific item or must perform a certain task.
  3. If the Vendor cannot respond with “ACKNOWLEDGED,” “WILL COMPLY,” or “AGREED,” then the Vendor must respond with “EXCEPTION.” (See instructions in Item 13 regarding Vendor exceptions.)
  4. Where an outline point asks a question or requests information, the Vendor must respond with the specific answer or information requested in addition to “WILL COMPLY” or “AGREED”.
  5. In addition to the above, Vendor must provide explicit details as to the manner and degree to which the proposal meets or exceeds each specification.

GENERAL OVERVIEW AND BACKGROUND

In January 2012, through a competitive procurement, the Mississippi Department of Human Services (MDHS) purchased a Cisco ASA 5585-X Next Generation Firewall for virus remediation. MDHS seeks to acquire two Next Generation Threat Extraction and Management Appliance solutions with a goal of providing a more secure network infrastructure along with supporting and increasing network speed requirements and growth over the next three years. MDHS’ current environment consists of two Cisco ASA 5585s in a High Availability (HA) pair. They are split across 2 different datacenters connected over a 2GB layer 2 connection. All MDHS WAN sites terminate in the second datacenter located at the State Data Center and are routed over the layer 2 connection to the primary datacenter located at the MDHS state office. This allows the WAN sites access to resources outside the MDHS network in case the connection to ITS is disrupted. The appliances will need to work with the ASAs in this configuration as they are not a replacement for the current ASAs.

PROCUREMENT PROJECT SCHEDULE

|  |  |
| --- | --- |
| **Task** | **Date** |
| Release of LOC | Wednesday, February 7, 2017 |
| Deadline for Vendors’ Written Questions | Tuesday, February 21, 2017Tuesday, February 21, 2017 at 3:00 p.m. Central Time |
| Addendum with Vendors’ Questions and Answers | Wednesday, March 1, 2017 |
| Proposals Due | Wednesday, March 8, 2017Wednesday, March 8, 2017 at 3:00 p.m. Central Time |
| Proposal Evaluation | Wednesday, March 8, 2017 – Friday, March 24, 2017 |
| Notification of Award | Friday, March 31, 2017 |
| Begin Contract Negotiations | Monday, April 3, 2017 |
| Delivery and Installation | Before Wednesday, May 31, 2017 |

STATEMENTS OF UNDERSTANDING

* 1. The Vendor must provide pricing for all hardware, software, maintenance and support for the proposed solution.
  2. Proposed equipment must be new from the manufacturer and qualify for warranty and maintenance services.
  3. Vendor must be aware that ITS reserves the right to make additional purchases at the proposed prices for a six (6) month period.
  4. Vendor must be aware that ITS reserves the right to award this project to one or more Vendors if advantageous to the State.
  5. Vendor must be aware that the specifications detailed below are minimum requirements. Should Vendor choose to exceed the requirements, Vendor must indicate in what manner the requirements are exceeded.
  6. All specifications listed in this document are intended to be open and competitive. Vendors are encouraged to question any specification that appears to be closed and/or restricts competition.
  7. The State reserves the right to solicit Best and Final Offers (BAFOs) from Vendors, principally in situations in which proposal costs eclipse available funding or the State believes none of the competing proposals presents a Best Value (lowest and best proposal) opportunity. Because of the time and expense incurred by both the Vendor community and the State, BAFOs are not routinely conducted. Vendors should offer their best pricing with the initial solicitation. Situations warranting solicitation of a BAFO will be considered an exceptional practice for any procurement. Vendors that remain in a competitive range within an evaluation may be requested to tender Best and Final Offers, at the sole discretion of the State. All such Vendors will be provided an equal opportunity to respond with a Best and Final Offer under a procedure to be defined by the State that encompasses the specific, refined needs of a project, as part of the BAFO solicitation. The State may re-evaluate and amend the original project specifications should it be deemed necessary in order to improve the opportunity for attaining Best Value scenarios from among the remaining competing Vendors. All BAFO proceedings will be uniformly conducted, in writing and subject to solicitation by the State and receipt from the Vendors under a precise schedule.
  8. It is the State’s intention that the hardware and software ship to Attn: Mark Allen at 750 North State Street, Jackson, MS 39202 and be installed on or before May 31, 2017.
  9. Vendor acknowledges that if awarded, it will ensure its compliance with the Mississippi Employment Protection Act, Section 71-11-1, et seq. of the Mississippi Code Annotated (Supp2008), and will register and participate in the status verification system for all newly hired employees. The term “employee” as used herein means any person that is hired to perform work within the State of Mississippi. As used herein, “status verification system” means the Illegal Immigration Reform and Immigration Responsibility Act of 1996 that is operated by the United States Department of Homeland Security, also known as the E-Verify Program, or any other successor electronic verification system replacing the E-Verify Program. Vendor will agree to maintain records of such compliance and, upon request of the State, to provide a copy of each such verification to the State.
  10. Vendor acknowledges that violating the E-Verify Program (or successor thereto) requirements subjects Vendor to the following: (a) cancellation of any state or public contract and ineligibility for any state or public contract for up to three (3) years, with notice of such cancellation being made public, or (b) the loss of any license, permit, certification or other document granted to Vendor by an agency, department or governmental entity for the right to do business in Mississippi for up to one (1) year, or (c) both. Vendor would also be liable for any additional costs incurred by the State due to contract cancellation or loss of license or permit.
  11. Vendor acknowledges and certifies that any person assigned to perform services hereunder meets the employment eligibility requirements of all immigration laws of the State of Mississippi.
  12. From the issue date of this LOC until a Vendor is selected and the selection is announced, responding Vendors or their representatives may not communicate, either orally or in writing regarding this LOC with any statewide elected official, state officer or employee, member of the legislature or legislative employee except as noted herein. To ensure equal treatment for each responding Vendor, all questions regarding this LOC must be submitted in writing to the State’s Contact Person for the selection process, no later than the last date for accepting responding Vendor questions provided in this LOC. All such questions will be answered officially by the State in writing. All such questions and answers will become addenda to this LOC. **Vendors failing to comply with this requirement will be subject to disqualification.**
      1. The State contact person for the selection process is: Jill Chastant, Technology Consultant, 3771 Eastwood Drive, Jackson, Mississippi 39211, 601-432-8214, jill.chastant@its.ms.gov.
      2. Vendor may consult with State representatives as designated by the State contact person identified in 4.12.1 above in response to State-initiated inquiries. Vendor may consult with State representatives during scheduled oral presentations and demonstrations excluding site visits.
  13. Subject to acceptance by ITS, the Vendor acknowledges that by submitting a proposal, the Vendor is contractually obligated to comply with all items in this LOC, including the *Standard Purchase Agreement*, Attachment D if included herein, except those listed as exceptions on the *Proposal Exception Summary Form*. If no *Proposal Exception Summary Form* is included, the Vendor is indicating that he takes no exceptions. This acknowledgement also contractually obligates any and all subcontractors that may be proposed. Vendors may not later take exception to any point during contract negotiations.

FUNCTIONAL/TECHNICAL SPECIFICATIONS

* 1. Vendors must adhere to the instructions in Item 1.5 of this LOC in responding to this section.
  2. Vendor must provide pricing for the equipment listed in Attachment A. Vendor must detail (by part number and/or description) any items that are functionally equivalent and substituted for the item listed in the tables below.

Gateway Appliances:

* 1. Vendor should include two Next Generation Threat Extraction Appliances (Part # CPAP-SG15600-NGTX and CPAC-RAM16GB-15600-INSTALL or functional equivalent) along with 12 Month Premium Support and 12 Month Support for all blades. Extraction Appliances should include the following Blades:
* Firewall
* VPN
* Advanced Networking and Clustering
* Identity Awareness, Mobile Access
* IPS
* Application Control
* URL Filtering
* Anti-Virus
* Anti-Bot
* Anti-Spam
* DLP
* Threat Emulation
* Threat Extraction
* Network Policy Manager
* Logging & Status
  1. Gateway Appliances Should Meet the Following Minimum Specifications:

| **ITEM** | **SPECIFICATIONS** | **ITEM PROPOSED** |
| --- | --- | --- |
| Chassis: | 2U Rack Mountable |  |
| Ports: | 10x 10/100/1000 RJ45 (Copper) |  |
| 2x 10GBase-F SFP (Fiber) |  |
| 1 Additional Expansion Slot to support: | 2x 40GBase-F QSFP port card |  |
| 4x 10GBase-F SFP+port card |  |
| 4x 1000Base-F SFP port card |  |
| 8x 10/100/1000Base-T RJ45 port card |  |
| Memory: | 32 GB (Vendor must include memory upgrade) |  |
| Power: | Redundant Dual Hot-Swappable Power Supplies |  |
| Storage: | Redundant Dual Hot-Swappable 1xTB Hard Drive |  |
| Firewall Throughput: | 77 Gbps |  |
| VPN Throughput: | 15.8 Gbps |  |
| IPS Throughput: | 18 Gbps |  |
| NGFW Throughput: | 17 Gbps |  |
| Connections per Second | 185,000 connections per second |  |
| Concurrent Connections: | Up to 25.6 million |  |

Manager Appliance:

* 1. Vendor should include one Manager Appliance (Part # CPAP-SM225 & CPAC-RAM16GB-SM225 or functional equivalent) along with 12 Month Premium Support and 12 Month Support for all Blades. Management appliance should include the following Blades:
* Network Policy Management
* Endpoint Policy Management
* Smart Provisioning
* Monitoring
* User Directory
* Management Portal
* Compliance
* Logging & Status
* SmartEvent
* Smart Reporter
  1. Management Appliance Should Meet the Following Minimum Specifications:

|  |  |  |
| --- | --- | --- |
| **ITEM** | **SPECIFICATIONS** | **ITEM PROPOSED** |
| Chassis: | 1U Rack Mountable |  |
| Ports: | 4x 10/100/1000 RJ45 |  |
| Memory: | 32 GB (Vendor must include memory upgrade) |  |
| Power: | Redundant Dual Hot-Swappable Power Supplies |  |
| Storage: | 2x 2 TB with Support for RAID 1 |  |
| Gateways Support: | 25 |  |
| Logs/Sec: | 11,000 Logs per second |  |
| Events per day: | 1,300,000 |  |
| Log size per day: | 13 GB |  |

Internet Protocol Version 6 (IPv6) Requirements

* 1. The Vendor shall furnish/design the appliance (also known as ‘Infrastructure’ to support the co-existence of IPv4 and IPv6). If it is not compliant, the Vendor shall advise the roadmap and propose how the system can be upgraded.
  2. The Vendor shall propose the Next Generation Appliance that will support operations in the following scenarios, but not limited to:
     1. Connect to legacy network and application, which supports IPv4 only;
     2. Connect to local Internet Service Provider (ISP) and IPv6 service and the end-user using IPv6 only; and
     3. Connect to local ISP and IPv4 service and the remote ISP and IPv6 service, and the remote end-user using IPv6 only;
  3. The Vendor shall ensure that the hardware and software and/or enhancement is aligned with the prevailing Singapore IPv6 profile found in www.ida.gov.sg and recognized international standards such as IETF, ITU, etc. Exceptions to these guidelines shall be clearly highlighted. State how the proposed appliances meet or exceed the requirement.
  4. The Vendor shall provide documentation that the proposed solution shall meet the required functionalities to ensure a smooth transition roadmap to co-existence of IPv4 and IPv6. State how the proposed appliances meet or exceed the requirement.

Maintenance and Support

* 1. The Vendor shall provide information on whether any patches, upgrades or additional hardware and/or software and/or services are needed to be purchased or installed in order for the proposed hardware and software to support the co-existence of IPv4 and IPv6 environment.

Capability

* 1. The Vendor should have documented qualifications in IPv4 and IPv6 and submit proof with their response.
  2. The Vendor should have experience in designing and/or implementing IPv4 and IPv6 projects and submit proof with their response.
  3. The Vendor shall have experienced and certified personnel for the proposed solution and submit proof with their response.

IPv6 Support

* 1. Proposed solution must support configuration of dual stack gateway on a bond interface, OR on a sub-interface of a bond interface.
  2. Proposed solution must support IPv6 traffic handling on IPS and APP module, Firewall, Identity Awareness, URL Filtering, Antivirus and Anti-Bot.
  3. Proposed solution must Support 6 to 4 NAT, or 6 to 4 tunnel.
  4. Proposed solution must support AD integration using IPv6 traffic.
  5. Proposed solution must support Smart view tracker / smart log able to show IPv6 traffic.
  6. Platform shall support ability to display IPv6 routing table separated per customer security context in CLI and GUI (EMS/Portal).
  7. Proposed solution shall support the following IPv6 RFCs. State YES or NO to indicate support of the following:
     1. RFC 1981 Path Maximum Transmission Unit Discovery for IPv6
     2. RFC 2460 IPv6 Basic specification
     3. RFC 2464 Transmission of IPv6 Packets over Ethernet Networks
     4. RFC 3596 DNS Extensions to support IPv6
     5. RFC 4007 IPv6 Scoped Address Architecture
     6. RFC 4193 Unique Local IPv6 Unicast Addresses
     7. RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers – 6in4 tunnel is supported.
     8. RFC 4291 IPv6 Addressing Architecture (which replaced RFC1884)
     9. RFC 4443 ICMPv6
     10. RFC 4861 Neighbor Discovery
     11. RFC 4862 IPv6 Stateless Address Auto-configuration

Appliance

* 1. The security gateway must use Stateful Inspection based on granular analysis of communication and application state to track and control the network flow.
  2. The security gateway must be capable of supporting throughput, connection rate, and concurrent connections requirements of the customer.
  3. Solution must support access control for at least 150 predefined services/protocols.
  4. Must provide security rule hit count statistics to the management application.
  5. Must allow security rules to be enforced within time intervals to be configured with an expiry date/time.
  6. The communication between the management servers and the security gateways must be encrypted and authenticated with PKI Certificates.
  7. The appliance must support user, client and session authentication methods.
  8. The following user authentication schemes must be supported by the security gateway and VPN module: tokens (ie -SecureID), TACACS, RADIUS and digital certificates.
  9. Solution must include a local user database to allow user authentication and authorization without the need for an external device.
  10. Solution must support Dynamic Host Configuration Protocol (DHCP), server and relay.
  11. Solution must support HTTP & HTTPS proxy.
  12. Solution must include the ability to work in Transparent/Bridge mode.
  13. Solution must support gateway high availability and load sharing with state synchronization.

Intrusion Prevention System (IPS)

* 1. IPS must be based on the following detection mechanisms: exploit signatures, protocol anomalies, application controls and behavior-based detection.
  2. IPS and appliance module must be integrated on one platform.
  3. The administrator must be able to configure the inspection to protect internal hosts only.
  4. IPS must have options to create profiles for either client or server based protections, or a combination of both.
  5. IPS must provide at least two pre-defined profiles/policies that can be used immediately.
  6. IPS must have a software based fail-open mechanism, configurable based on thresholds of security gateways CPU and memory usage.
  7. IPS must provide an automated mechanism to activate or manage new signatures from updates.
  8. IPS must support network exceptions based on source, destination, service or a combination of the three.
  9. IPS must include a troubleshooting mode which sets the in use profile to detect only, with one click, without modifying individual protections.
  10. IPS application must have a centralized event correlation and reporting mechanism.
  11. The administrator must be able to automatically activate new protections, based on configurable parameters (performance impact, threat severity, confidence level, client protections, server protections).
  12. IPS must be able to detect and prevent the following threats: Protocol misuse, malware communications, tunneling attempts and generic attack types without predefined signatures.
  13. For each protection the solution must include protection type (server related or client related), threat severity, performance impact, confidence level and industry reference.
  14. IPS must be able to collect packet capture for specific protections.
  15. IPS must be able to detect and block network and application layer attacks, protecting at least the following services: email services, DNS, FTP, Windows services (Microsoft Networking), SNMP.
  16. Vendor must supply evidence of leadership in protecting Microsoft vulnerabilities.
  17. IPS and/or Application Control must include the ability to detect and block peer to peer traffic using evasion techniques.
  18. The administrator must be able to define network and host exclusions from IPS inspection.
  19. Solution must protect from DNS Cache Poisoning, and prevent users from accessing blocked domain addresses.
  20. Solution must provide VOIP protocols protections.
  21. IPS and/or Application Control must detect and block remote controls applications, including those that are capable of tunneling over HTTP traffic.
  22. IPS must have SCADA protections.
  23. IPS must have a mechanism to convert SNORT signatures.
  24. Solution must enforce Citrix protocol enforcement.
  25. Solution must allow the administrator to easily block inbound and/or outbound traffic based on countries, without the need to manually manage the IP ranges corresponding to the country.

User Identity Acquisition

* 1. Must be able to acquire user identity by querying Microsoft Active Directory based on security events.
  2. Must have a browser based User Identity authentication method for non-domain users or assets.
  3. Must have a dedicated client agent that can be installed by policy on users computers that can acquire and report identities to the Security Gateway.
  4. Must support terminal server environments.
  5. The solution should integrate seamlessly with directory services, IF-MAP and Radius.
  6. Impact on the domain controllers must be less than 3%.
  7. The identity solution should support terminal and citrix servers.
  8. The Solution should allow identification through a proxy (example: X-forwarded headers).
  9. Must be able to acquire user identity from Microsoft Active Directory without any type of agent installed on the domain controllers.
  10. Must support Kerberos transparent authentication for single sign on.
  11. Must support the use of LDAP nested groups.
  12. Must be able to share or propagate user identities between multiple security gateways.
  13. Must be able to create identity roles to be used across all security applications.
  14. Vendor must provide customer reference with more than 100,000 seats deployed.

Application Control and URL Filtering

* 1. Application control database must contain more than 6,000 known applications.
  2. Solution must provide granular security control of at least 250,000 Web 2.0 widgets.
  3. Solution must have a URL categorization that exceeds 200 million URLs and covers more than 85% of Alexa’s top 1M sites.
  4. Solution must be able to create a filtering rule with multiple categories.
  5. Solution must be able to create a filtering for single site being supported by multiple categories.
  6. Solution must have users and group granularity with security rules.
  7. The security gateway local cache must give answers to 99% of URL categorization requests within 4 weeks in production.
  8. The solution must have an easy to use, searchable interface for applications and URLs.
  9. The solution must categorize applications and URLs and applications by Risk Factor.
  10. The application control and URLF security policy must be able to be defined by user identities.
  11. The application control and URLF database must be updated by a cloud based service.
  12. The solution must have unified application control and URLF security rules.
  13. The solution must provide a mechanism to inform or ask users in real time to educate them or confirm actions based on the security policy.
  14. The solution must provide a mechanism to limit application usage based on bandwidth consumption.
  15. The solution must allow network exceptions based on defined network objects.
  16. The solution must provide the option to modify the Blocking Notification and to redirect the user to a remediation page.
  17. Solution must include a Black and White lists mechanism to allow the administrator to deny or permit specific URLs regardless of the category.
  18. Solution must have a configurable bypass mechanism.
  19. Solution must provide an override mechanism on the categorization for the URL database.
  20. The application control and URLF security policy must report on the rule hit count.

Anti-Bot and Anti-Virus

* 1. Vendor must have an integrated Anti-Bot and Anti-Virus application on the next generation appliance.
  2. Anti-Bot application must be able to detect and stop suspicious abnormal network behavior.
  3. Anti-Bot application must use a multi-tiered detection engine, which includes the reputation of IPs, URLs and DNS addresses and detect patterns of bot communications.
  4. Anti-Bot applications must be able to scan for bot actions.
  5. The solution should support detection & prevention of Cryptors & ransomware viruses and variants (Cryptlocker, CryptoWall) through use of static and/or dynamic analysis.
  6. The solution should have mechanisms to protect against spear phishing attacks.
  7. The solution should have mechanisms to protect against water holing attacks.
  8. DNS based attacks:
     1. The solution should have detection and prevention capabilities for Command and Control (C&C) DNS hide outs.
     2. Look for C&C traffic patterns, not just at their DNS destination.
     3. Reverse engineer malware in order to uncover their DGA (Domain Name Generation).
     4. DNS trap feature as part of our threat prevention, assisting in discovering infected hosts generating C&C communication.
     5. The solution should have detection and prevention capabilities for DNS tunneling attacks.
  9. Anti-Bot and Anti-Virus policy must be administered from a central console.
  10. Anti-Bot and Anti-Virus application must have a centralized event correlation and reporting mechanism.
  11. Anti-Virus application must be able to prevent access to malicious websites.
  12. Anti-Virus application must be able to inspect SSL encrypted traffic.
  13. Anti-Bot and Anti-Virus must have real time updates from a cloud based service.
  14. Anti-Virus must be able to stop incoming malicious files.
  15. Anti-Virus must be able to scan archive files.
  16. Anti-Virus and Anti-Bot policies must be centrally managed with granular policy configuration and enforcement.
  17. The Anti-Virus should support more than 50 cloud based AV engines.
  18. The Anti-Virus should support scanning for links inside emails.
  19. The Anti-Virus should scan files that are passing on CIFS protocol.

SSL Inspection (inbound/outbound)

* 1. The Solution should offer support for SSL Inspection/Decryption with leading performance across all threat mitigation technologies.
  2. The solution should support Perfect Forward Secrecy (PFS, ECDHE cipher suites).
  3. The solution should support AES-NI and AES-GCM for improved throughput.
  4. Threat emulation/sandboxing should be integrated with SSL Inspection.
  5. The Solution should leverage the URL filtering data base to allow administrator to create granular https inspection policy.
  6. The Solution can inspect HTTPS based URL Filtering without requiring SSL decryption.

Threat Emulation (sandboxing)

* 1. The solution must provide the ability to protect against Zero Day and unknown malware attacks before static signature protections have been created.
  2. Deployment topologies:
     1. The solution should be part of a complete multi-layered threat prevention architecture.
     2. The solution should support network based Threat emulation.
     3. The solution should support host based Threat emulation.
     4. The solution should provide both onsite and cloud based implementations.
     5. The solution should offer a deployment option of not requiring any additional infrastructure.
     6. The solution should support deployment in inline mode.
     7. The solution should support deployment in MTA (Mail Transfer Agent) mode.
     8. The solution should support deployment in TAP/SPAN port mode.
     9. The solution should not require separate infrastructure for email protection and web protection.
  3. Device must support cluster installation.
  4. The emulation engine should be able to inspect, emulate, prevent and share the results of the sandboxing event into the anti-malware infrastructure.
  5. The solution should be able to perform pre-emulation static filtering.
  6. The solution should enable emulation of file sizes larger than 10 Mb.
  7. Immediate detection and prevention.
  8. The solution should detect the attack at the exploitation stage – i.e. before the shell-code is executed and before the malware is downloaded/executed.
  9. The solution should be able to detect ROP and other exploitation techniques (e.g. privilege escalation) by monitoring the CPU flow.
  10. The solution must be able to support scanning links inside emails for Zero Day threats and unknown malware.
  11. Average emulation time of a suspected malware verdict as benign should be no more than 1 minute.
  12. Average emulation time of a suspected malware verdict as malware should be no more than 3 minutes.
  13. The threat emulation solution should allow for 'Geo Restriction' which enables emulations to be restricted to a specific country.
  14. The solution must provide the ability to increase security with automatic sharing of new attack information with other gateways in means of signature updates, etc.
  15. The emulation engine should exceed 90% catch rate on Virus Total tests where known malicious pdf's and exe's are modified with 'unused' headers in order to demonstrate the solutions capability to detect new, unknown malware.

Files supported:

* 1. The solution should be able to emulate executable, archive files, documents, JAVA and flash specifically those listed below. State YES or NO to indicate support of the following:
     1. 7z
     2. cab
     3. csv
     4. doc
     5. docm
     6. docx
     7. dot
     8. dotm
     9. dotx
     10. exe
     11. jar
     12. pdf
     13. potx
     14. pps
     15. ppsm
     16. ppsx
     17. ppt
     18. pptm
     19. pptx
     20. rar
     21. rtf
     22. scr
     23. swf
     24. tar
     25. tgz
     26. xla
     27. xls
     28. xlsb
     29. xlsm
     30. xlsx
     31. xlt
     32. xltm
     33. xltx
     34. xlw
     35. zip

OS support:

* 1. The emulation engine should support multiple OS's such as XP and Windows7 including customized images.
  2. The solution must support prepopulated LICENSED copies of Microsoft windows and office images through an agreement with Microsoft.
  3. The engine should detect API calls, file system changes, system registry, network connections, system processes.
  4. The solution should support static analysis for Windows, Mac OS-X, Linux or any x86 platform.

System Activity Detection:

* 1. The solution should monitor for suspicious activity in:
     1. API calls
     2. File system changes
     3. System registry
     4. Network connections
     5. System processes
     6. File creation and deletion
     7. File modification
     8. Kernel code injection
     9. Kernel modifications (memory changes performed by kernel code, not the fact that a driver is loaded - this is covered by the item above)
     10. Kernel code behavior (monitor activity of non-user mode code)
     11. Direct CPU interaction

Anti-Evasion Technology:

* 1. The solution should have anti-evasion capabilities detecting sandbox execution.
  2. The emulation engine should have anti-vm detection capabilities.
  3. Solution should be resilient to delays implemented at the shell-code or malware stages.
  4. Solution should be resilient to cases where the shell-code or malware would execute only upon a restart or a shutdown of the end point.
  5. Solution should be resilient to cases where the shell-code or malware would not execute if they detect the existence of virtual environment.
  6. Solution should emulate real user activities such as mouse clicks, key strokes, etc.

Management & Reporting

* 1. The solution must provide the ability to be centrally managed.
  2. Upon malicious files detection, a detailed report should be generated for each one of the malicious files.
  3. The detailed report must include:
     1. screen shots
     2. time lines
     3. registry key creation/modifications
     4. file and processes creation
     5. network activity detected

Threat Extraction (File Scrubbing/Flattening)

* 1. The solution should eliminate threats and remove exploitable content, including active content and embedded objects.
  2. The solution should be able to reconstruct files with known safe elements.
  3. The solution should provide ability to convert reconstructed files to PDF format.
  4. The solution should maintain flexibility with options to maintain the original file format and specify the type of content to be removed.

Anti-Spam and Email Security

* 1. Anti-Spam and email security application must be content and language agnostic.
  2. Anti-Spam and email security application must have real-time classification and protections based on detected spam outbreaks which are based on patterns and not content.
  3. The Anti-Spam and email security application must include IP reputation blocking based on an online service to avoid false positives.
  4. Solution must include a zero-hour protection mechanism for new viruses spread through email and spam without relying solely in heuristic or content inspection.

IPsec VPN

* 1. Internal CA and External third party CA must be supported.
  2. Solution must support 3DES and AES-256 cryptographic for IKE Phase I and II IKEv2 plus "Suite-B-GCM-128" and "Suite-B-GCM-256" for phase II.
  3. Solution must support at least the following Diffie-Hellman Groups: Group 1 (768 bit), Group 2 (1024 bit), Group 5 (1536 bit), Group 14 (2048 bit), Group 19 and Group 20.
  4. Solution must support data integrity with md5, sha1 SHA-256, SHA-384 and AES-XCBC.
  5. Solution must include support for site-to-site VPN in the following topologies:
     1. Full Mesh (all to all)
     2. Star (remote offices to central site)
     3. Hub and Spoke (remote site through central site to another remote site)
  6. Solution must support the VPN configuration with a GUI using drag and drop object addition to VPN communities.
  7. Solution must support clientless SSL VPNs for remote access.
  8. Solution must support L2TP VPNs, including support for iPhone L2TP client.
  9. Solution must allow the administrator to apply security rules to control the traffic inside the VPN.
  10. Solution must support domain based VPNs and route based VPNs using VTI’s and dynamic routing protocols.
  11. Solution must include the ability to establish VPNs with gateways with dynamic public IPs.
  12. Solution must include IP compression for client-to-site and site-to-site VPNs.

Security Management

* 1. Security management application must be able to co-exist on the security gateway as an option.
  2. Security management application must support role based administrator accounts. For instance, roles for firewall policy management only or role for log viewing only.
  3. Solution must include a Certificate-based encrypted secure communications channel among all Vendor distributed components belonging to a single management domain.
  4. Solution must include an internal x.509 CA (Certificate Authority) that can generate certificates to gateways and users to allow easy authentication on VPNs.
  5. Solution must include the ability to use external CAs, that supports PKCS#12, CAPI or Entrust standards.
  6. All security applications must be managed from the central console.
  7. The management must provide a security rule hit counter in the security policy.
  8. Solution must include a search option to be able to easily query which network object contain a specific IP or part of it.
  9. Solution must include the option to segment the rule base using labels or section titles to better organize the policy.
  10. Solution must provide the option to save the entire policy or specific part of the policy.
  11. Solution must have a security policy verification mechanism prior to policy installation.
  12. Solution must have a security policy revision control mechanism.
  13. Solution must provide the option to add management high availability, using a standby management server that is automatically synchronized with the active one, without the need for an external storage device.
  14. Solution must include a comprehensive map with all network objects and their connections that can be exported to Microsoft Visio or to an image file.
  15. Solution must include the ability to centrally distribute and apply new gateway software versions.
  16. Solution must include a tool to centrally manage licenses of all gateways controlled by the management station.
  17. Solution must have the capabilities for multi-domain management and support the concept of global security policy across domains.
  18. The management GUI should have the ability to easily exclude IP address from the IPS signature definition.
  19. The Log Viewer should have the ability to easily exclude IP address from the IPS logs when detected as false positive.
  20. The management GUI should have the ability to easily get to IPS signature definition from the IPS logs.
  21. The Log Viewer should have the ability view all of the security logs (fw, IPS, urlf) in one view pane (helpful when troubleshooting connectivity problem for one IP address).
  22. The Log Viewer should have the ability in the log viewer to create filter using the predefined objects (hosts, network, groups, users).
  23. The Log Viewer should have the ability in the log viewer to create custom multiple "saved filter" for use at a later time.

Threat Prevention Updates

* 1. Vendor must provide the details of its threat prevention update mechanism and its ability to handle Zero Day attacks across all next generation threat prevention applications including IPS, Application Control, URL filtering, Anti-Bot and Anti-Virus.
  2. Vendor must provide details on the re-categorization of URL, under the circumstances that a website has been comprised and possibly distributing malware.
  3. Vendor should have the capability to provide incident handling.

Logging and Monitoring

* 1. The central logging must be part of the management system. Alternatively, administrators can install dedicated Log Servers.
  2. Solution must provide the option to run on the management server or on a dedicated server.
  3. Solution must be able to run on an X86 based open servers listed on a hardware compatibility list.
  4. Solution must have the ability to log all rules (+30k logs/sec).
  5. Log viewer must have an indexed search capability.
  6. Solution must have the ability to log all integrated security applications on the gateway and including IPS, Application Control, URL Filtering, Anti-Virus, Anti-Bot, Anti–Spam, User Identity, Data Loss Prevention, Mobile Access.
  7. Solution must include an automatic packet capture mechanism for IPS events to provide better forensic analysis.
  8. Solution must provide different logs for regular user activity and management related logs.
  9. Solution must be able to move from security log record to the policy rule with one mouse click.
  10. For each match rule or type of event Solution must provide at least the following event options: Log, alert, SNMP trap, email and execute a user defined script.
  11. The logs must have a secure channel to transfer logging to prevent eavesdropping. Solution must be authenticated and encrypted.
  12. The logs must be securely transferred between the gateway and the management or the dedicated log server and the log viewer console in the administrator’s PC.
  13. Solution must include the option to dynamically block an active connection from the log graphical interface without the need to modify the rule base.
  14. Solution must support exporting logs in database format.
  15. Solution must support automatic switch of the log file, based on a scheduled time or file size.
  16. Solution must support adding exceptions to IPS enforcement from the log record.
  17. Solution must be able to associate a username and machine name to each log record.
  18. Solution must include a graphical monitoring interface that provides an easy way to monitor gateways status.
  19. Solution must provide the following system information for each gateway: OS, CPU usage, memory usage, all disk partitions and % of free hard disk space.
  20. Solution must provide the status of each gateway components (i.e. firewall, VPN, cluster, antivirus, etc.).
  21. Solution must include the status of all VPN tunnels, site-to-site and client-to-site.
  22. Solution must include customizable threshold setting to take actions when a certain threshold is reached on a gateway. Actions must include: Log, alert, send an SNMP trap, send an email and execute a user defined alert.
  23. Solution must include preconfigured graphs to monitor the evolution in time of traffic and system counters: top security rules, top P2P users, vpn tunnels, network traffic and other useful information. Solution must provide the option to generate new customized graphs with different chart types.
  24. Solution must include the option to record traffic and system views to a file for later viewing at any time.
  25. Solution must be able to recognize malfunctions and connectivity problems, between two points connected through a VPN, and log and alert when the VPN tunnel is down.

Event Correlation and Reporting

* 1. Solution must be fully integrated in the management application.
  2. Solution must include a tool to correlate events from all the gateway features and third party devices.
  3. Solution must allow the creation of filters based on any characteristic of the event such as security application, source and destination IP, service, event type, event severity, attack name, country of origin and destination, etc.
  4. The application must have a mechanism to assign these filters to different graph lines that are updated in regular intervals showing all events that matches that filter, allowing the operator to focus on the most important events.
  5. The event correlation application must supply a graphical view events based on time.
  6. Solution must show the distribution of events per country on a map.
  7. Solution must allow the administrator to group events based on any of it characteristics, including many nesting levels and export to PDF.
  8. Solution must include the option to search inside the list of events, drill down into details for research and forensics.
  9. In the event list view, the solution must include the option to automatically generate small graphs or tables with the event, source and destination distribution.
  10. Solution must detect Denial of Service attacks correlating events from all sources.
  11. Solution must detect an administrator login at irregular hour.
  12. Solution must detect credential guessing attacks.
  13. Solution must report on all security policy installations.
  14. Solution must include predefined hourly, daily, weekly and monthly reports. Including at least top events, top sources, top destinations, top services, top sources and their top events.
  15. The reporting tool must support at least 25 filters that allow to customize a predefined report to be closest to administrator’s needs.
  16. Solution must support automatic reports scheduling for information that need to extract on regular basis (daily, weekly, and monthly). Solution must allow the administrator to define the date and time that reporting system begins to generate the scheduled report.
  17. Solution must support the following reports formats: HTML, CSV and MHT.
  18. Solution must support automatic report distribution by email, upload to FTP/Web server and an external custom report distribution script.
  19. The reporting system must provide consolidated information about:
      1. The volume of connections that were blocked by security rule
      2. Top sources of blocked connections, their destinations and services
      3. Top rules used by the security policy
      4. Top security attacks detected by enforcement point (perimeter) determining their top sources and destinations
      5. Number of installed and uninstalled policies in the enforcement point
      6. Top networking services
      7. Web activity by user detailing the top visited sites and top web users
      8. Top services that created most load for encrypted traffic
      9. Top VPN users performing the longest duration connections

Management Portal

* 1. Solution must include a browser based access to view in read-only the security policies, manage firewall logs and users providing access to managers and auditors without the need to use the management application.
  2. Solution must include SSL support and configurable port.

Data Loss Prevention (DLP)

* 1. Vendor must have an option to add a fully integrated Data Loss Prevention application.
  2. DLP policy must be centrally managed with all other security applications.
  3. DLP application must have a mechanism for end user self-incident handling.
  4. DLP application must have over 500 pre-defined data types.
  5. DLP must have an open scripting language to create customer data types relevant to any organization.
  6. DLP must alert the data type owner when an incident occurs.
  7. DLP application must cover transport types SMTP, HTTP/HTTPS, and FTP TCP protocols.

Mobility

* 1. The Vendor should have an option to provide a fully integrated secure mobility solution on the next generation firewall or appliance.
  2. The solution must support both managed and unmanaged access devices, such as BYOD.

Best Practice Governance Risk and Compliance (GRC)

* 1. Vendor must have an option to provide a fully integrated Governance Risk and Compliance application.
  2. Vendor must have an option for Real Time Compliance Monitoring across all security services in the product.
  3. Vendor must have an option to deliver real-time assessment of compliance with major regulations (PCI-DSS, HIPPA, SOX).
  4. Vendor must have an option for instant notification on policy changes impacting compliance.
  5. Vendor must have an option to provide actionable recommendations to improve compliance.
  6. Vendor must have an option to recommend Security Best Practices.
  7. Vendor must have an option to translate regulatory requirements into actionable security best practices.
  8. Vendor must have an option to monitor constantly gateway configuration with the security best practices .
  9. Vendor must have an option to generate automated assessment reports for compliance rating with top regulations.
  10. Vendor must have an option to fully integrate into Software Architecture & Management infrastructure.
  11. Vendor must have an option to check compliance with every policy change for all Network Security Software Blades.

Security Gateway Sizing and Recommendations

* 1. Vendor must have a dedicated hardware solution to meet all next generation requirements of the customer.
  2. Vendor must be able to supply a recommended hardware configuration based on the criteria of real world traffic and next generation security applications provided by the customer. Vendor must be able to supply the recommended platform for any combination of these next generation applications, with supporting evidence that the appliance will perform as expected.
     1. Internet Bandwidth requirements
     2. Total Throughput requirements
     3. Security gateway with 100 security rules
     4. Network Address Translation enabled
     5. Logging Enabled
     6. Maximum Users
     7. IMIX traffic blend of HTTP, SMTP, DNS
     8. Enablement of next generation applications:
        1. Firewall
        2. Intrusion Prevention
        3. Application Control and URL filtering
        4. Anti-Bot
        5. Anti-Virus
        6. Threat Emulation & Extraction
        7. IPsec VPN
        8. Data Loss Prevention
        9. Anti-Spam
        10. Local or remote management
        11. Clustering or high availability
        12. Network Interface requirements
  3. If any component(s) necessary for operation of the requested system is omitted from Vendor’s proposal, Vendor must be willing to provide the component(s) at no additional cost. This includes, but is not limited to, all cabling, connectors, raceway, etc. necessary to render the configuration fully operational.
  4. The next generation gateway must be capable of supporting these next generation security applications on a unified platform. State YES or NO to indicate support of the following:
     1. Stateful Inspection Firewall
     2. Intrusion Prevention System
     3. User Identity Acquisition
     4. Application Control and URL filtering
     5. Anti – Bot and Anti – Virus
     6. Threat Emulation (Sandboxing)
     7. Anti – Spam and Email Security
     8. IPSec VPN
     9. Data Loss Prevention
     10. Mobile Access
     11. Security Policy Management
     12. Logging and Status
     13. Event Correlation and Reporting
     14. These applications must be exclusively supplied by and managed by the Vendor.

1. **VENDOR QUALIFICATIONS**
   1. The Vendor of the gateway software must have at least 20 years of experience in the security market. Vendor must state number of years experience.
   2. The Vendor must exclusively provide Internet security solutions.
   3. The Vendor must provide evidence with their response of year over year leadership positions in enterprise firewall, UTM firewalls and intrusion prevention based on independent security industry data.
   4. The Vendor must be capable of serving the entire scope of security gateway requirements, including throughput, connection rate and next generation security application enablement for all network deployments, from small office to data center in a single hardware appliance.
   5. The Vendor must have a virtualized security gateway solution that can support the enablement of all next generation firewall security applications, including intrusion protection, application control, URL filtering, Anti-Bot, Anti-Virus, Sandboxing all managed from a central platform. Vendor must state if their proposed solution has these features.
   6. The Vendor solution must provide a mechanism to constantly educate end users of the security policy in real time.
   7. The Vendor must supply all industry certifications of the proposed solution.
   8. Vendor must have the capability to provide a solution to mitigate Distributed Denial of Service attacks. Vendor must state how their proposed solution handles this mitigation.

INSTALLATION

* 1. Vendor must provide not-to-exceed cost for installation. Installation will include: unpacking, setup, physical installation of the equipment, installation of peripherals, and meeting with MDHS to verify installation requirements.
  2. Vendor must indicate if Vendor personnel or manufacturer personnel will provide the installation.
     1. If Vendor personnel:
        1. Vendor must provide documentation substantiating authorization to provide installation.
        2. Vendor must disclose if individual(s) is a Public Employees Retirement System (PERS) member currently receiving monthly benefits. It is the individual’s responsibility to verify that work performed in association with this LOC is in compliance with the guidelines set forth by PERS for re-employment at a PERS-covered agency.
  3. Vendor must detail the installation approach and plan.
  4. Vendor should include installation service as part of their response to convert existing policy to the new equipment and installation of equipment.
  5. Vendor shall conduct a scoping call with Mississippi Department of Human Services engineer to determine the scope of the project and to answer any questions.
  6. Vendor should state who will be performing the installation. Installer shall be a Check Point certified technician. Vendor should submit proof of certification.
  7. Vendor shall include installation for both Threat Extraction and Manager Appliance, travel expenses and basic knowledge transfer.
  8. Vendors should list the onsite response time (for the closest certified technician) to our office in Jackson.

TRAINING

* 1. Vendor must propose whatever training is recommended in order for local administrators to utilize the proposed system. A detailed description of the training including course/class content, duration, number of staff/size of class, and location of the training must be included with Vendor’s response. Costs associated with training must be included in Attachment A, *Cost Information Form*, as a separate line item.
  2. Vendor must indicate if Vendor personnel or 3rd party personnel will provide the training. If 3rd party personnel will provide the training, Vendor must submit documentation substantiating authorization of the 3rd party to provide the training. If Vendor personnel will provide the training, Vendor must submit documentation substantiating authorization to provide training if the Vendor is not the manufacturer/developer of the proposed item.

1. **WARRANTY**
   1. Vendors must state the warranty period for each item proposed, during which time maintenance need not be paid. Warranty must include at a minimum parts and labor.
   2. If warranty period is less than three years, Vendor must provide pricing to extend the warranty to three years for each item proposed.
   3. Vendors must detail what is included in the standard warranty for each item proposed.
   4. Vendor must indicate whether warranty service is available past the three years for each item proposed. Specify annual cost, if any, and period of extension.
   5. Vendor must state if warranty is on-site or depot for each item proposed.
      1. If depot, Vendor must indicate maximum turnaround time from shipment of hardware.
      2. If on-site, when the Vendor receives an initial service call on products, who makes the initial on-site call? Does it depend on the client location?
      3. If on-site, then Vendor must provide details on how a call is initiated and all steps involved in getting the item repaired.
   6. Vendor must indicate what the response time will be for responding to the initial call, coming on-site, and providing a resolution. This detail must include an average response time as well as a not-to-exceed time-frame for each type of response.
   7. Vendor must specify escalation procedures for the State should a warranty call not be handled to the State’s satisfaction.

MANUFACTURER DIRECT MAINTENANCE

* 1. ITS understands that the maintenance requested in this LOC may be provided directly by the manufacturer. If Vendor is the named manufacturer and will be supplying the maintenance services directly, Items 10.1.4 through 10.1.13 do not have to be completed.
     1. Responding Vendor must clarify whether he is the named manufacturer and will be supplying the maintenance services directly or whether he is a third party reseller selling the maintenance services on behalf of the manufacturer.
     2. Responding Vendor must explain his understanding of when or whether the manufacturer will ever sell the maintenance services directly and, if so, under what circumstances.
     3. If the responding Vendor to this LOC will only be reselling manufacturer’s maintenance services, it is ITS’ understanding that this is basically a “pass through” process.
     4. Please provide a detailed explanation of the relationship of who will be providing the requested maintenance, to whom the purchase order is made, and to whom the remittance will be made. If there is a difference in the year one maintenance purchase versus subsequent years of maintenance, the responding Vendor must clarify and explain.
     5. Manufacturer Direct Maintenance when sold directly through the manufacturer: Fixed Cost
        1. If responding Vendor is the direct manufacturer, he must propose annual fixed pricing for three years of the requested maintenance. Vendor must provide all details of the maintenance/support and all associated costs.
        2. It is ITS’ preference that the Manufacturer’s proposal is a not-to-exceed firm commitment. In the event that the manufacturer cannot commit to a fixed cost for the subsequent years of maintenance after year one, Manufacturer must specify the annual maintenance increase ceiling offered by his company on the proposed products. Vendor must state his policy regarding increasing maintenance charges. Price escalations for Maintenance shall not exceed 5% increase per year.
     6. Manufacturer Direct Maintenance when sold through 3rd Party: Fixed Cost-Plus Percentages
        1. In the case of a third-party “pass-through” ITS realizes that the responding reseller may not be able to guarantee a fixed price for maintenance after year one since his proposal is dependent on the manufacturer’s pricing or possibly on a distributor’s pricing.
        2. It is ITS’ preference that the responding reseller work with the manufacturer to obtain a commitment for a firm fixed price over the requested maintenance period.
     7. In the event that the responding reseller cannot make a firm fixed maintenance proposal for all the years requested, the responding reseller is required to provide a fixed percentage for his mark-up on the manufacturer direct maintenance that he is selling as a third party reseller in lieu of a price ceiling based on a percentage yearly increase.
        1. In this scenario, Resellers must include in the Pricing Spreadsheets the price the Vendor pays for the maintenance and the percentage by which the final price to the State of Mississippi exceeds the Vendor’s cost for the maintenance (i.e. cost-plus percentage).
        2. Alternatively, Resellers may propose a fixed percentage for their mark down on the manufacturer’s direct maintenance based on a national benchmark from the manufacturer, such as GSA, Suggested Retail Price (SRP) or the manufacturer’s web pricing. This national benchmark pricing must be verifiable by ITS during the maintenance contract.
     8. The cost-plus/minus percentage will be fixed for the term specified in the LOC. To clarify, the State’s cost for the products will change over the life of the award if the price the Vendor must pay for a given product increases or decreases. However, the percentage over Vendor cost which determines the State’s final price WILL NOT change over the life of the award.
     9. ITS will use this percentage in evaluating cost for scoring purposes.
     10. The cost-plus/minus percentage applies to new products added in the categories covered by the Cost Matrix as well as the products that are listed.
     11. Periodic Cost-Plus Verification - At any time during the term of this contract, the State reserves the right to request from the awarded Vendor, access to and/or a copy of the Manufacturer’s Base Pricing Structure for pricing verification. This pricing shall be submitted within seven (7) business days after the State’s request. Failure to submit this pricing will be cause for Contract Default.
         1. Vendor Cost is defined as the Vendor’s invoice cost from the distributor or manufacturer.
         2. The Vendor’s Proposed State Price is defined as the Vendor Cost plus the proposed percentage mark-up.
     12. Vendor must also indicate how future pricing information will be provided to the State during the term of the contract.
     13. Vendor must indicate from whom he buys the maintenance: directly from the manufacturer or from what distributor.
     14. Vendor must be aware that only price increases resulting from an increase in price by the manufacturer or distributor will be accepted. The Vendor’s proposed percentage markup or markdown for these items, as well as the Vendor’s percentage markup or markdown for any new items, MUST stay the same as what was originally proposed. Vendor must provide ITS with the suggested retail price.
     15. Pricing proposed for the State MUST equal the Vendor’s invoice cost from the distributor or manufacturer plus the maximum percentage markup that the reseller will add OR the manufacturer’s national benchmark minus the cost percentage proposed.

REFERENCES

* 1. Vendor must provide at least three (3)three (3) references. A form for providing reference information is attached as Attachment B. ITS requires that references be from completed and/or substantially completed jobs that closely match this request. Reference information must include, at a minimum,
     1. Entity
     2. Supervisor’s name
     3. Supervisor’s telephone number
     4. Supervisor’s e-mail address
     5. Length of Project
     6. Brief Description of Project to include Vendor’s specific role in the project
  2. Vendor should provide references for similar installations performed by the technician performing the installation.
  3. The Vendor must make arrangements in advance with the account references so that they may be contacted at the Project team's convenience without further clearance or Vendor intercession. Failure to provide this information in the manner described may subject the Vendor’s proposal to being rated unfavorably relative to these criteria or disqualified altogether at the State’s sole discretion.
  4. References that are no longer in business cannot be used. Inability to reach the reference will result in that reference deemed non-responsive.
  5. Vendors receiving negative references may be eliminated from further consideration.
  6. The State reserves the right to request information about the Vendor from any previous customer of the Vendor of whom the State is aware, including the procuring agency and/or other agencies or institutions of the State, even if that customer is not included in the Vendor’s list of references, and to utilize such information in the evaluation of the Vendor's proposal.
  7. Any of the following may subject the Vendor’s proposal to being rated unfavorably relative to these criteria or removed from further consideration, at the State’s sole discretion:
     1. Failure to provide reference information in the manner described;
     2. Inability of the State to substantiate minimum experience or other requirements from the references provided;
     3. Non-responsiveness of references to the State's attempts to contact them; or
     4. Unfavorable references that raise serious concerns about material risks to the State in contracting with the Vendor for the proposed products or services.

ADDITIONAL REQUIREMENTS

* 1. ITS acknowledges that the specifications within this LOC are not exhaustive. Rather, they reflect the known requirements that must be met by the proposed system. Vendors must specify, here, what additional components may be needed and are proposed in order to complete each configuration.
  2. Vendor must specify the discounted price for each item. Freight is FOB destination. No itemized shipping charges will be accepted.
  3. Vendor must provide all technical specifications and manuals (documentation) at the point of sale.
  4. If Vendor proposes more than one alternative (no more than two), Vendor is responsible for identifying the alternative believed to be the best fit to meet the specified requirements.
  5. A properly executed contract is a requirement of this LOC. After an award has been made, it will be necessary for the winning Vendor to execute a Purchase Agreement with ITS. A Standard Purchase Agreement, Attachment D, has been attached for your review. The inclusion of this Purchase Agreement does not preclude ITS from, at its sole discretion, negotiating additional terms and conditions with the selected Vendor(s) specific to the project(s) covered by this LOC. If Vendor cannot comply with any term or condition of this Purchase Agreement, Vendor must list and explain each specific exception on the Proposal Exception Summary Form, Attachment C, explained in Item 13 and attached to this LOC. Winning Vendor must be willing to sign the attached Purchase Agreement within 10 working days of the notice of award. If the Purchase Agreement is not executed within the 10 working day period, ITS reserves the right to terminate negotiations with the winning Vendor and proceed to negotiate with the next lowest and best Vendor in the evaluation.
  6. Vendor must provide the state of incorporation of the company and a name, title, address, telephone number and e-mail for the “Notice” article of the contract.
  7. Vendor must provide an order address.
  8. Vendor must provide a remit address.
  9. Vendor must provide their Taxpayer ID number.

PROPOSAL EXCEPTIONS

* 1. Vendor must return the attached Proposal Exception Summary Form, Attachment C, with all exceptions listed and clearly explained or state “No Exceptions Taken.” If no Proposal Exception Summary Form is included, the Vendor is indicating that no exceptions are taken.
  2. Unless specifically disallowed on any specification herein, the Vendor may take exception to any point within this memorandum as long as the following are true:
     1. The specification is not a matter of State law;
     2. The proposal still meets the intent of the procurement;
     3. A Proposal Exception Summary Form (Attachment C) is included with Vendor’s proposal; and
     4. The exception is clearly explained, along with any alternative or substitution the Vendor proposes to address the intent of the specification, on the Proposal Exception Summary Form (Attachment C).
  3. The Vendor has no liability to provide items to which an exception has been taken. ITS has no obligation to accept any exception. During the proposal evaluation and/or contract negotiation process, the Vendor and ITS will discuss each exception and take one of the following actions:
     1. The Vendor will withdraw the exception and meet the specification in the manner prescribed;
     2. ITS will determine that the exception neither poses significant risk to the project nor undermines the intent of the procurement and will accept the exception;
     3. ITS and the Vendor will agree on compromise language dealing with the exception and will insert same into the contract; or,
     4. None of the above actions is possible, and ITS either disqualifies the Vendor’s proposal or withdraws the award and proceeds to the next ranked Vendor.
  4. Should ITS and the Vendor reach a successful agreement, ITS will sign adjacent to each exception which is being accepted or submit a formal written response to the Proposal Exception Summary responding to each of the Vendor’s exceptions. The Proposal Exception Summary, with those exceptions approved by ITS, will become a part of any contract on acquisitions made under this procurement.
  5. An exception will be accepted or rejected at the sole discretion of the State.
  6. The State desires to award this LOC to a Vendor or Vendors with whom there is a high probability of negotiating a mutually agreeable contract, substantially within the standard terms and conditions of the State's LOC, including the Standard Purchase Agreement, Attachment D, if included herein. As such, Vendors whose proposals, in the sole opinion of the State, reflect a substantial number of material exceptions to this LOC, may place themselves at a comparative disadvantage in the evaluation process or risk disqualification of their proposals.
  7. For Vendors who have successfully negotiated a contract with ITS in the past, ITS requests that, prior to taking any exceptions to this LOC, the individual(s) preparing this proposal first confer with other individuals who have previously submitted proposals to ITS or participated in contract negotiations with ITS on behalf of their company, to ensure the Vendor is consistent in the items to which it takes exception.

SCORING METHODOLOGY

* 1. An Evaluation Team composed of MDHS and ITS staff will review and evaluate all proposals. All information provided by the Vendors, as well as any other information available to evaluation team, will be used to evaluate the proposals.
     1. Each category included in the scoring mechanism is assigned a weight between one and 100.
     2. The sum of all categories, other than Value-Add, equals 100 possible points.
     3. Value-Add is defined as product(s) or service(s), exclusive of the stated functional and technical requirements and provided to the State at no additional charge, which, in the sole judgment of the State, provide both benefit and value to the State significant enough to distinguish the proposal and merit the award of additional points. A Value-Add rating between 0 and 5 may be assigned based on the assessment of the evaluation team. These points will be added to the total score.
     4. For the evaluation of this LOC, the Evaluation Team will use the following categories and possible points:

|  |  |
| --- | --- |
| **Category** | **Possible Points** |
| Non-Cost Categories: |  |
| Vendor Qualifications | 15 |
| Technical/Functional | 35 |
| Installation, Training, Warranty | 15 |
| **Total Non-Cost Points** | **65** |
| Cost | 35 |
| **Total Base Points** | **100** |
| Value Add | 5 |
| **Maximum Possible Points** | **105** |

* 1. The evaluation will be conducted in four stages as follows:
     1. Stage 1 – Selection of Responsive/Valid Proposals – Each proposal will be reviewed to determine if it is sufficiently responsive to the LOC requirements to permit a complete evaluation. A responsive proposal must comply with the instructions stated in this LOC with regard to content, organization/format, Vendor experience and timely delivery. No evaluation points will be awarded in this stage. Failure to submit a complete proposal may result in rejection of the proposal.
  2. Stage 2 – Non-cost Evaluation (all requirements excluding cost)
     1. Non-cost categories and possible point values are as follows:

|  |  |
| --- | --- |
| **Non-Cost Categories** | **Possible Points** |
| Vendor Qualifications | 15 |
| Technical/Functional | 35 |
| Installation, Training, Warranty | 15 |
| **Maximum Possible Points** | **65** |

* + 1. ITS scores the non-cost categories on a 10-point scale, with 9 points for meeting the requirement. The ‘Meets Specs’ score for each category is 90% of the total points allocated for that category. For example, the ‘Technical/Functional’ category was allocated 35 points; a proposal that fully met all requirements in that section would have scored 31.5 points. The additional 10% is used for a proposal that exceeds the requirement for an item in a way that provides additional benefits to the state.
    2. Proposals meeting fewer than 80% of the requirements in the non-cost categories will be eliminated from further consideration.
  1. Stage 3 – Cost Evaluation
     1. Points will be assigned using the following formula:

(1-((B-A)/A))\*n

Where:

A = Total lifecycle cost of lowest valid proposal

B = Total lifecycle cost of proposal being scored

n = Maximum number of points allocated to cost for this acquisition

In simpler terms, lowest price gets a perfect score. A proposal that is 20% more expensive than the lowest priced offering gets 20% fewer points.

* + 1. When the above formula would result in a negative cost score (i.e. the lifecycle cost of the proposal being scored is more than twice that of the lowest valid proposal), the cost score is set to zero, rather than deducting points from the Vendor's score.
    2. Cost categories and maximum point values are as follows:

|  |  |
| --- | --- |
| **Cost Category** | **Possible Points** |
| Lifecycle Cost | 35 |
| **Maximum Possible Points** | **35** |

* 1. Stage 4 – Selection of the successful Vendor

PROPOSAL SUBMISSION

* 1. Please use the attached *Cost Information Form* (Attachment A) to provide cost information. Follow the instructions on the form. Incomplete forms will not be processed.
  2. In addition to providing *Cost Information Form* and *Proposal Exception Summary Form* (if applicable), Vendors must submit a proposal in response to this LOC as explained in Item 1. Vendors who do not provide this detail may be eliminated from further consideration.
  3. If Vendor is claiming status as a Minority Business Enterprise or Woman Business Enterprise, the Vendor must include a copy of their Minority Vendor Self-Certification Form with their LOC response. A copy of the Minority Vendor Self-Certification Form can be obtained at:

<http://www.mississippi.org/assets/docs/minority/minority_vendor_selfcertform.pdf>

Please direct any questions about minority certification in Mississippi to the Minority Business Enterprise Division of the Mississippi Development Authority by telephone at (601) 359-3448 or via email at [minority@mississippi.org](mailto:minority@mississippi.org).

* 1. Vendor must provide a copy of their Certificate of Liability Insurance with their LOC response.
  2. Vendor must provide documentation of their E-Verify compliance with their LOC response.

DELIVERY INSTRUCTIONS

* 1. **Vendor must deliver the response to Jill Chastant at ITS no later than Wednesday, March 8, 2017, at 3:00 P.M. (Central Time).** Responses may be delivered by hand, via regular mail, overnight delivery, e-mail, or by fax. Fax number is (601) 713-6380. ITS WILL NOT BE RESPONSIBLE FOR DELAYS IN THE DELIVERY OF PROPOSALS. It is solely the responsibility of the Vendor that proposals reach ITS on time. Vendors should contact Jill Chastant to verify the receipt of their proposals. Proposals received after the deadline will be rejected.
  2. If you have any questions concerning this request, please e-mail Jill Chastant of ITS at jill.chastant@its.ms.gov. **Any questions concerning the specifications detailed in this LOC must be received no later than Tuesday, February 21, 2017, at 3:00 P.M. (Central Time).**

Enclosures: Attachment A, Cost Information Form

Attachment B, Reference Information Form

Attachment C, Proposal Exception Summary Form

Attachment D, Standard Purchase Agreement

**ATTACHMENT A**

**COST INFORMATION FORM – LOC NUMBER 43201**

Please submit all unit and extended costs, as well as all required supporting details and other requested information, using the format below. Vendors proposing equivalent solutions should use the part number and description columns below to itemize components of their proposed solution.

Send your completed Cost Information Form, along with your point-by-point response to the LOC, a completed Reference Information Form, and your Proposal Exception Summary Form, to the Technology Consultant listed below on or before the date and time indicated in the Procurement Project Schedule. If all necessary information is not included, your response cannot be considered.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ITS Technology Consultant Name:** | | **Jill Chastant** | **RFP #** | **3849** |
| **Company Name:** |  | | **Date:** |  |
| **Contact Name:** |  | | **Phone #:** |  |

**Contact E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | |  | |  | |  | |
| **PART#** | | **DESCRIPTION** | **QTY** | **UNIT COST** | | **LESS 20% RETAINAGE** | | **EXTENDED COST\*\*** | |
| Next Generation Appliance with advance malware protection with High Availability Redundancy | | | | | | | | | |
| CPAP-SG15600-NGTX | | Threat Extraction Appliance or functional equivalent | 2 |  | |  | |  | |
| CPAC-RAM16GB-15600-INSTALL | | Memory upgrade kit from 16GB to 32GB | 2 |  | |  | |  | |
| CPAP-SM225 | | Check Point 225 Management Appliance with Policy, Log and Event Security or functional equivalent | 1 |  | |  | |  | |
| CPAC-RAM16FB-SM225 | | Memory upgrade kit from 16GB to 32GB | 2 |  | |  | |  | |
|  | | Professional Implementation Services/Installation |  |  | |  | |  | |
|  | | Training |  |  | |  | |  | |
| **Standard Maintenance/Support for Appliance and Management Appliance** | | | | | | | | | |
| CPES-SS-STANDARD-ADD or functional equivalent | | YEAR 1 | 2 |  | |  | |  | |
|  | | YEAR 2 | 2 |  | |  | |  | |
|  | | YEAR 3 | 2 |  | |  | |  | |

If any of the items below are included in Vendor’s proposal they must be detailed below.

Warranty:

Installation:\*\*

Maintenance:

Training:

\*Manufacturer model number, not Vendor number. If Vendor's internal number is needed for purchase order, include an additional column for that number

\*\*If Vendor travel is necessary to meet the requirements of the LOC, the Vendor should propose fully loaded costs including travel

Fully loaded Change Order Rate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ATTACHMENT B**

**REFERENCE INFORMATION FORM**

The information provided below will be used to contact references.

|  |  |
| --- | --- |
| Entity |  |
| Supervisor’s Name |  |
| Supervisor’s Title |  |
| Supervisor’s Telephone # |  |
| Supervisor’s E-Mail Address |  |
| Length of Project |  |
| Brief Description of Project |  |

|  |  |
| --- | --- |
| Entity |  |
| Supervisor’s Name |  |
| Supervisor’s Title |  |
| Supervisor’s Telephone # |  |
| Supervisor’s E-Mail Address |  |
| Length of Project |  |
| Brief Description of Project |  |

|  |  |
| --- | --- |
| Entity |  |
| Supervisor’s Name |  |
| Supervisor’s Title |  |
| Supervisor’s Telephone # |  |
| Supervisor’s E-Mail Address |  |
| Length of Project |  |
| Brief Description of Project |  |

## ATTACHMENT C

## PROPOSAL EXCEPTION SUMMARY FORM

|  |  |  |  |
| --- | --- | --- | --- |
| ITS LOC Reference | Vendor Proposal Reference | Brief Explanation of Exception | ITS Acceptance (sign here only if accepted) |
| (Reference specific outline point to which exception is taken) | (Page, section, items in Vendor’s proposal where exception is explained) | (Short description of exception being made) |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**ATTACHMENT D**

**PROJECT NUMBER** **43201**

**PURCHASE AGREEMENT**

**BETWEEN**

**VENDOR NAME**

**AND**

**MISSISSIPPI DEPARTMENT OF INFORMATION TECHNOLOGY SERVICES**

**AS CONTRACTING AGENT FOR THE**

**MISSISSIPPI DEPARTMENT OF HUMAN SERVICES**

This Purchase Agreement (hereinafter referred to as “Agreement”) is entered into by and between VENDOR NAME, a STATE OF INCORPORATION corporation having its principal place of business at VENDOR ADDRESS(hereinafter referred to as “Seller”), and Mississippi Department of Information Technology Services having its principal place of business at 3771 Eastwood Drive, Jackson, Mississippi 39211 (hereinafter referred to as “ITS”), as contracting agent for the Mississippi Department of Human Services located at 750 North State Street, Jackson, Mississippi 39202 (hereinafter referred to as “Purchaser”). ITS and Purchaser are sometimes collectively referred to herein as “State”.

**WHEREAS**, Purchaser, pursuant to Letter of Configuration dated INSERT DATE (“LOC”) based on General Request for Proposals (“RFP”) No. 3849, requested proposals for the acquisition of certain equipment and software (hereinafter referred to as “Products”) as listed in Exhibit A which is attached hereto and incorporated herein; and

**WHEREAS**, Seller was the successful proposer in an open, fair and competitive procurement process;

**NOW THEREFORE**, in consideration of the mutual understandings, promises, consideration and agreements set forth, the parties hereto agree as follows:

**ARTICLE 1 TERM OF AGREEMENT**

**1.1** This Agreement will become effective on the date it is signed by all parties and will continue in effect until all tasks required herein, including any post warranty maintenance/support specified in Exhibit A, have been completed. Seller agrees to complete all tasks required under this Agreement, with the exception of warranty service, on or before the close of business on May 31, 2017, or within such other period as may be agreed to by the parties.

**1.2** This Agreement will become a binding obligation on the State only upon the issuance of a valid purchase order by the Purchaser following contract execution and the issuance by ITS of the CP-1 Acquisition Approval Document.

**ARTICLE 2 FURNISHING OF EQUIPMENT**

**2.1** Subject to the terms and conditions set forth herein, Seller agrees to provide and Purchaser agrees to buy as needed, the Products listed in the attached Exhibit A and at the purchase price set forth therein, but in no event will the total compensation to be paid hereunder exceed the specified sum of $INSERT AMOUNT unless prior written authorization from ITS has been obtained. Purchaser shall submit a purchase order signed by a representative of Purchaser itemizing the Products to be purchased. The purchase order shall be subject to the terms and conditions of this Agreement. The parties agree that Purchaser reserves the right to adjust the quantities of purchases based upon the availability of funding or as determined necessary by Purchaser. Seller guarantees pricing for a period of six (6) months from the effective date of this Agreement. In the event there is a national price decrease of the Products bid during this time, Seller agrees to extend the new, lower pricing to Purchaser.

**2.2** The Products provided by Seller shall meet or exceed the minimum specifications set forth in the LOC and General RFP No. 3849 and the Seller’s Proposal in response thereto.

**ARTICLE 3 DELIVERY, RISK OF LOSS, INSTALLATION AND ACCEPTANCE**

**3.1** Seller shall deliver the Products to the location specified by Purchaser and pursuant to the delivery schedule set forth by Purchaser.

**3.2** Seller shall assume and shall bear the entire risk of loss and damage to the Products from any cause whatsoever while in transit and at all times throughout its possession thereof.

**3.3** Seller shall complete installation of the Products pursuant to the requirements set forth in the LOC. Seller acknowledges that installation shall be accomplished with minimal interruption of Purchaser’s normal day to day operations.

**3.4** Seller shall be responsible for replacing, restoring or bringing to at least original condition any damage to floors, ceilings, walls, furniture, grounds, pavements, sidewalks, and the like caused by its personnel and operations during the installation, subject to final approval of ITS. The repairs will be done only by technicians skilled in the various trades involved, using materials and workmanship to match those of the original construction in type and quality.

**3.5** Seller shall be responsible for installing all equipment, cable and materials in accordance with all State, Federal and industry standards for such items.

**3.6** Purchaser shall accept or reject the Products provided by Seller after a ten (10) working day testing period utilizing testing criteria developed by Purchaser. During the acceptance period, Purchaser shall have the opportunity to evaluate and test the Products to confirm that it performs without any defects and performs pursuant to the specifications set forth in the LOC and General RFP No. 3849. Purchaser shall notify Seller in writing of its acceptance of the Products.

**3.7** In the event the Product fails to perform as stated above, Purchaser shall notify Seller. Seller shall, within ten (10) working days and at Seller’s sole expense, correct the defects identified by Purchaser or replace the defective Product. Purchaser reserves the right to return the defective Product to Seller at the Seller’s expense and to cancel this Agreement.

**ARTICLE 4 TITLE TO EQUIPMENT**

Title to the equipment provided under this Agreement shall pass to Purchaser upon its acceptance of the equipment.

**ARTICLE 5 CONSIDERATION AND METHOD OF PAYMENT**

**5.1** Once the Products have been accepted by Purchaser as prescribed in Article 3 herein, Seller shall submit an invoice for the cost and shall certify that the billing is true and correct. Services will be invoiced as they are rendered. Seller shall submit invoices and supporting documentation to Purchaser electronically during the term of this Agreement using the processes and procedures identified by the State. Purchaser agrees to pay Seller in accordance with Mississippi law on “Timely Payments for Purchases by Public Bodies”, Sections 31-7-301, et seq. of the 1972 Mississippi Code Annotated, as amended, which generally provides for payment of undisputed amounts by the State within forty-five (45) days of receipt of the invoice. Seller understands and agrees that Purchaser is exempt from the payment of taxes. All payments shall be in United States currency. Payments by state agencies using Mississippi’s Accountability System for Government Information and Collaboration (MAGIC) shall be made and remittance information provided electronically as directed by the State. The payments by these agencies shall be deposited into the bank account of the Seller’s choice. No payment, including final payment, shall be construed as acceptance of defective Products or incomplete work, and the Seller shall remain responsible and liable for full performance in strict compliance with the contract documents specified in the article herein titled “Entire Agreement”.

**5.2** Acceptance by the Seller of the last payment from the Purchaser shall operate as a release of all claims against the State by the Seller and any subcontractors or other persons supplying labor or materials used in the performance of any work under this Agreement.

**ARTICLE 6 WARRANTIES**

**6.1** Seller represents and warrants that Seller has the right to sell the equipment and license the software provided under this Agreement.

**6.2** Seller represents and warrants that Purchaser shall acquire good and clear title to the equipment purchased hereunder, free and clear of all liens and encumbrances.

**6.3** Seller represents and warrants that each unit of equipment delivered shall be delivered new and not as “used, substituted, rebuilt, refurbished or reinstalled” equipment.

**6.4** Seller represents and warrants that it has and will obtain and pass through to Purchaser any and all warranties obtained or available from the licensor of software or the manufacturer of the equipment.

**6.5** Seller represents and warrants that all equipment provided pursuant to this Agreement shall, for a period of one (1) year from the date of acceptance of each item of equipment, be free from defects in material, manufacture, design and workmanship. Seller’s obligation pursuant to this warranty shall include, but is not limited to, the repair or replacement of the equipment at no cost to Purchaser. In the event Seller cannot repair or replace an item of equipment during the warranty period, Seller shall refund the purchase price of the equipment, and refund any fees paid for services that directly relate to the defective hardware.

**6.6** Seller represents and warrants that the Products provided by Seller shall meet or exceed the minimum specifications set forth in the LOC, General RFP No. 3849 and Seller’s Proposals in response thereto.

**6.7** Seller represents and warrants that all software furnished shall be free from material defects for a period of one (1) year after acceptance and will function in accordance with the specifications as stated in the LOC, General RFP No. 3849 and the Seller’s Proposals in response thereto. If the software does not function accordingly, Seller shall, at no cost to Purchaser, replace the software or refund the fees paid for the software and for any services that directly relate to the defective software.

**6.8** Seller represents and warrants that there is no disabling code or lockup program or device embedded in the software provided to Purchaser. Seller further agrees that it will not, under any circumstances including enforcement of a valid contract right, (a) install or trigger a lockup program or device, or (b) take any step which would in any manner interfere with Purchaser’s use of the software and/or which would restrict Purchaser from accessing its data files or in any way interfere with the transaction of Purchaser’s business. For any breach of this warranty, Seller at its expense shall, within five (5) working days after receipt of notification of the breach, deliver Products to Purchaser that are free of such disabling code, lockup program or device.

**6.9** Seller represents and warrants that the software, as delivered to Purchaser, does not contain a computer virus. For any breach of this warranty, Seller, at its expense, shall, within five (5) working days after receipt of notification of the breach, deliver Products to Purchaser that are free of any virus and shall be responsible for repairing, at Seller’s expense, any and all damage done by the virus to Purchaser’s site.

**6.10** Seller represents and warrants that its services hereunder shall be performed by competent personnel and shall be of professional quality consistent with generally accepted industry standards for the performance of such services and shall comply in all respects with the requirements of this Agreement. For any breach of this warranty, the Seller shall, for a period of ninety (90) days from performance of the service, perform the services again, at no cost to Purchaser, or if Seller is unable to perform the services as warranted, Seller shall reimburse Purchaser the fees paid to Seller for the unsatisfactory services.

**6.11** If applicable under the given circumstances, Seller represents and warrants that it will ensure its compliance with the Mississippi Employment Protection Act, Section 71-11-1, et seq. of the Mississippi Code Annotated (Supp2008), and will register and participate in the status verification system for all newly hired employees. The term “employee” as used herein means any person that is hired to perform work within the State of Mississippi. As used herein, “status verification system” means the Illegal Immigration Reform and Immigration Responsibility Act of 1996 that is operated by the United States Department of Homeland Security, also known as the E-Verify Program, or any other successor electronic verification system replacing the E-Verify Program. Seller agrees to maintain records of such compliance and, upon request of the State and approval of the Social Security Administration or Department of Homeland Security where required, to provide a copy of each such verification to the State. Seller further represents and warrants that any person assigned to perform services hereunder meets the employment eligibility requirements of all immigration laws of the State of Mississippi. Seller understands and agrees that any breach of these warranties may subject Seller to the following: (a) termination of this Agreement and ineligibility for any state or public contract in Mississippi for up to three (3) years, with notice of such cancellation/termination being made public, or (b) the loss of any license, permit, certification or other document granted to Seller by an agency, department or governmental entity for the right to do business in Mississippi for up to one (1) year, or (c) both. In the event of such termination/cancellation, Seller would also be liable for any additional costs incurred by the State due to contract cancellation or loss of license or permit.

**6.12** Seller represents and warrants that the system provided pursuant to this Agreement will pass both internal security audits and independent security audits. For any breach of the preceding warranty at any time during which the system is covered by warranty, maintenance and/or support, Seller shall, at its own expense and at no cost to Purchaser, remediate any defect, anomaly or security vulnerability in the system by repairing and/or replacing any and all components of the system necessary in order for the system to be secure.

**6.13** Seller represents and warrants that no official or employee of Purchaser or of ITS, and no other public official of the State of Mississippi who exercises any functions or responsibilities in the review or approval of the undertaking or carrying out of the project shall, prior to the completion of said project, voluntarily acquire any personal interest, direct or indirect, in this Agreement. The Seller warrants that it has removed any material conflict of interest prior to the signing of this Agreement, and that it shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of its responsibilities under this Agreement. The Seller also warrants that in the performance of this Agreement no person having any such known interests shall be employed.

**6.14** The Seller represents and warrants that no elected or appointed officer or other employee of the State of Mississippi, nor any member of or delegate to Congress has or shall benefit financially or materially from this Agreement. No individual employed by the State of Mississippi shall be admitted to any share or part of the Agreement or to any benefit that may arise therefrom. The State of Mississippi may, by written notice to the Seller, terminate the right of the Seller to proceed under this Agreement if it is found, after notice and hearing by the ITS Executive Director or his/her designee, that gratuities in the form of entertainment, gifts, jobs, or otherwise were offered or given by the Seller to any officer or employee of the State of Mississippi with a view toward securing this Agreement or securing favorable treatment with respect to the award, or amending or making of any determinations with respect to the performing of such contract, provided that the existence of the facts upon which the ITS Executive Director makes such findings shall be in issue and may be reviewed in any competent court. In the event this Agreement is terminated under this article, the State of Mississippi shall be entitled to pursue the same remedies against the Seller as it would pursue in the event of a breach of contract by the Seller, including punitive damages, in addition to any other damages to which it may be entitled at law or in equity.

**ARTICLE 7 INFRINGEMENT INDEMNIFICATION**

Seller represents and warrants that neither the hardware, replacement parts nor software, their elements or the use thereof violates or infringes upon any copyright, patent, trademark, servicemark, trade secret or other proprietary right of any person or entity. Seller, at its own expense, shall defend or settle any and all infringement actions filed against Seller or Purchaser which involve the hardware, software or other items provided under this Agreement and shall pay all settlements, as well as all costs, attorney fees, damages and judgment finally awarded against Purchaser. If the continued use of the products for the purpose intended is threatened to be enjoined or is enjoined by any court of competent jurisdiction, Seller shall, at its expense: (a) first procure for Purchaser the right to continue using such products, or upon failing to procure such right; (b) modify or replace them with non-infringing products, or upon failing to secure either such right, (c) refund to Purchaser the purchase price or software license fees previously paid by Purchaser for the products Purchaser may no longer use. Said refund shall be paid within ten (10) working days of notice to Purchaser to discontinue said use.

**ARTICLE 8 EMPLOYMENT STATUS**

**8.1** Seller shall, during the entire term of this Agreement, be construed to be an independent contractor. Nothing in this Agreement is intended to nor shall it be construed to create an employer-employee relationship or a joint venture relationship.

**8.2** Seller represents that it is qualified to perform the duties to be performed under this Agreement and that it has, or will secure, if needed, at its own expense, applicable personnel who shall be qualified to perform the duties required under this Agreement. Such personnel shall not be deemed in any way directly or indirectly, expressly or by implication, to be employees of Purchaser. Seller shall pay, when due, all salaries and wages of its employees, and it accepts exclusive responsibility for the payment of federal income tax, state income tax, social security, unemployment compensation, and any other withholdings that may be required. Neither Seller nor employees of Seller are entitled to state retirement or leave benefits.

**8.3** Any person assigned by Seller to perform the services hereunder shall be the employee of Seller, who shall have the sole right to hire and discharge its employee. Purchaser may, however, direct Seller to replace any of its employees under this Agreement. If Seller is notified within the first eight (8) hours of assignment that the person is unsatisfactory, Seller will not charge Purchaser for those hours.

**8.4** It is further understood that the consideration expressed herein constitutes full and complete compensation for all services and performances hereunder, and that any sum due and payable to Seller shall be paid as a gross sum with no withholdings or deductions being made by Purchaser for any purpose from said contract sum.

**ARTICLE 9 BEHAVIOR OF EMPLOYEES/SUBCONTRACTORS**

Seller will be responsible for the behavior of all its employees and subcontractors while on the premises of any Purchaser location. Any employee or subcontractor acting in a manner determined by the administration of that location to be detrimental, abusive, or offensive to any of the staff will be asked to leave the premises and may be suspended from further work on the premises. All Seller employees and subcontractors who will be working at such locations to install or repair Products shall be covered by Seller’s comprehensive general liability insurance policy.

**ARTICLE 10 MODIFICATION OR RENEGOTIATION**

This Agreement may be modified only by written agreement signed by the parties hereto, and any attempt at oral modification shall be void and of no effect. The parties agree to renegotiate the Agreement if federal and/or state revisions of any applicable laws or regulations make changes in this Agreement necessary.

**ARTICLE 11 AUTHORITY, ASSIGNMENT AND SUBCONTRACTS**

**11.1** In matters of proposals, negotiations, contracts, and resolution of issues and/or disputes, the parties agree that Seller represents all contractors, third parties, and/or subcontractors Seller has assembled for this project. The Purchaser is required to negotiate only with Seller, as Seller’s commitments are binding on all proposed contractors, third parties, and subcontractors.

**11.2** Neither party may assign or otherwise transfer this Agreement or its obligations hereunder without the prior written consent of the other party, which consent shall not be unreasonably withheld. Any attempted assignment or transfer of its obligations without such consent shall be null and void. This Agreement shall be binding upon the parties’ respective successors and assigns.

**11.3** Seller must obtain the written approval of Purchaser before subcontracting any portion of this Agreement. No such approval by Purchaser of any subcontract shall be deemed in any way to provide for the incurrence of any obligation of Purchaser in addition to the total fixed price agreed upon in this Agreement. All subcontracts shall incorporate the terms of this Agreement and shall be subject to the terms and conditions of this Agreement and to any conditions of approval that Purchaser may deem necessary.

**11.4** Seller represents and warrants that any subcontract agreement Seller enters into shall contain a provision advising the subcontractor that the subcontractor shall have no lien and no legal right to assert control over any funds held by the Purchaser, and that the subcontractor acknowledges that no privity of contract exists between the Purchaser and the subcontractor and that the Seller is solely liable for any and all payments which may be due to the subcontractor pursuant to its subcontract agreement with the Seller. The Seller shall indemnify and hold harmless the State from and against any and all claims, demands, liabilities, suits, actions, damages, losses, costs and expenses of every kind and nature whatsoever arising as a result of Seller’s failure to pay any and all amounts due by Seller to any subcontractor, materialman, laborer or the like.

**11.5** All subcontractors shall be bound by any negotiation, arbitration, appeal, adjudication or settlement of any dispute between the Seller and the Purchaser, where such dispute affects the subcontract.

**ARTICLE 12 AVAILABILITY OF FUNDS**

It is expressly understood and agreed that the obligation of Purchaser to proceed under this Agreement is conditioned upon the appropriation of funds by the Mississippi State Legislature and the receipt of state and/or federal funds for the performances required under this Agreement. If the funds anticipated for the fulfillment of this Agreement are not forthcoming, or are insufficient, either through the failure of the federal government to provide funds or of the State of Mississippi to appropriate funds, or if there is a discontinuance or material alteration of the program under which funds were available to Purchaser for the payments or performance due under this Agreement, Purchaser shall have the right to immediately terminate this Agreement, without damage, penalty, cost or expense to Purchaser of any kind whatsoever. The effective date of termination shall be as specified in the notice of termination. Purchaser shall have the sole right to determine whether funds are available for the payments or performances due under this Agreement.

**ARTICLE 13 TERMINATION**

Notwithstanding any other provision of this Agreement to the contrary, this Agreement may be terminated, in whole or in part, as follows: (a) upon the mutual, written agreement of the parties; (b) If either party fails to comply with the terms of this Agreement, the non-defaulting party may terminate the Agreement upon the giving of thirty (30) days written notice unless the breach is cured within said thirty (30) day period; (c) Purchaser may terminate the Agreement in whole or in part without the assessment of any penalties upon thirty (30) days written notice to Seller if Seller becomes the subject of bankruptcy, reorganization, liquidation or receivership proceedings, whether voluntary or involuntary, or (d) Purchaser may terminate the Agreement without the assessment of any penalties for any reason after giving thirty (30) days written notice specifying the effective date thereof to Seller. The provisions of this Article do not limit either party’s right to pursue any other remedy available at law or in equity.

**ARTICLE 14 GOVERNING LAW**

This Agreement shall be construed and governed in accordance with the laws of the State of Mississippi and venue for the resolution of any dispute shall be Jackson, Hinds County, Mississippi. Seller expressly agrees that under no circumstances shall Purchaser or ITS be obligated to pay an attorneys fee, prejudgment interest or the cost of legal action to Seller. Further, nothing in this Agreement shall affect any statutory rights Purchaser may have that cannot be waived or limited by contract.

**ARTICLE 15 WAIVER**

Failure of either party hereto to insist upon strict compliance with any of the terms, covenants and conditions hereof shall not be deemed a waiver or relinquishment of any similar right or power hereunder at any subsequent time or of any other provision hereof, nor shall it be construed to be a modification of the terms of this Agreement. A waiver by the State, to be effective, must be in writing, must set out the specifics of what is being waived, and must be signed by an authorized representative of the State.

**ARTICLE 16 SEVERABILITY**

If any term or provision of this Agreement is prohibited by the laws of the State of Mississippi or declared invalid or void by a court of competent jurisdiction, the remainder of this Agreement shall be valid and enforceable to the fullest extent permitted by law provided that the State’s purpose for entering into this Agreement can be fully achieved by the remaining portions of the Agreement that have not been severed.

**ARTICLE 17 CAPTIONS**

The captions or headings in this Agreement are for convenience only, and in no way define, limit or describe the scope or intent of any provision or section of this Agreement.

**ARTICLE 18 HOLD HARMLESS**

To the fullest extent allowed by law, Seller shall indemnify, defend, save and hold harmless, protect and exonerate Purchaser, ITS and the State, its Board Members, officers, employees, agents and representatives from and against any and all claims, demands, liabilities, suits, actions, damages, losses, costs and expenses of every kind and nature whatsoever, including without limitation, court costs, investigative fees and expenses, attorney fees and claims for damages arising out of or caused by Seller and/or its partners, principals, agents, employees, or subcontractors in the performance of or failure to perform this Agreement.

**ARTICLE 19 THIRD PARTY ACTION NOTIFICATION**

Seller shall notify Purchaser in writing within five (5) business days of Seller filing bankruptcy, reorganization, liquidation or receivership proceedings or within five (5) business days of its receipt of notification of any action or suit being filed or any claim being made against Seller or Purchaser by any entity that may result in litigation related in any way to this Agreement and/or which may affect the Seller’s performance under this Agreement. Failure of the Seller to provide such written notice to Purchaser shall be considered a material breach of this Agreement and the Purchaser may, at its sole discretion, pursue its rights as set forth in the Termination Article herein and any other rights and remedies it may have at law or in equity.

**ARTICLE 20 AUTHORITY TO CONTRACT**

Seller warrants that it is a validly organized business with valid authority to enter into this Agreement; that entry into and performance under this Agreement is not restricted or prohibited by any loan, security, financing, contractual or other agreement of any kind, and notwithstanding any other provision of this Agreement to the contrary, that there are no existing legal proceedings, or prospective legal proceedings, either voluntary or otherwise, which may adversely affect its ability to perform its obligations under this Agreement.

**ARTICLE 21 NOTICE**

Any notice required or permitted to be given under this Agreement shall be in writing and personally delivered or sent by electronic means provided that the original of such notice is sent by certified United States mail, postage prepaid, return receipt requested, or overnight courier with signed receipt, to the party to whom the notice should be given at their business address listed herein. ITS’ address for notice is: Craig P. Orgeron, Ph.D., Executive Director, Mississippi Department of Information Technology Services, 3771 Eastwood Drive, Jackson, Mississippi 39211. Purchaser’s address for notice is: Mr. John Davis, Executive Director, Mississippi Department of Human Services, 750 North State Street, Jackson, Mississippi 39202. The Seller’s address for notice is: VENDOR NOTICE INFORMATION. Notice shall be deemed given when actually received or when refused. The parties agree to promptly notify each other in writing of any change of address.

**ARTICLE 22 RECORD RETENTION AND ACCESS TO RECORDS**

Seller shall establish and maintain financial records, supporting documents, statistical records and such other records as may be necessary to reflect its performance of the provisions of this Agreement. The Purchaser, ITS, any state or federal agency authorized to audit Purchaser, and/or any of their duly authorized representatives, shall have unimpeded, prompt access to this Agreement and to any of the Seller’s proposals, books, documents, papers and/or records that are pertinent to this Agreement to make audits, copies, examinations, excerpts and transcriptions at the State’s or Seller’s office as applicable where such records are kept during normal business hours. All records relating to this Agreement shall be retained by the Seller for three (3) years from the date of receipt of final payment under this Agreement. However, if any litigation or other legal action, by or for the state or federal government has begun that is not completed at the end of the three (3) year period, or if an audit finding, litigation or other legal action has not been resolved at the end of the three (3) year period, the records shall be retained until resolution.

**ARTICLE 23 INSURANCE**

Seller represents that it will maintain workers’ compensation insurance as prescribed by law which shall inure to the benefit of Seller's personnel, as well as comprehensive general liability and employee fidelity bond insurance. Seller will, upon request, furnish Purchaser with a certificate of conformity providing the aforesaid coverage.

**ARTICLE 24 DISPUTES**

Any dispute concerning a question of fact under this Agreement which is not disposed of by agreement of the Seller and Purchaser shall be decided by the Executive Director of ITS or his/her designee. This decision shall be reduced to writing and a copy thereof mailed or furnished to the parties. Disagreement with such decision by either party shall not constitute a breach under the terms of this Agreement. Such disagreeing party shall be entitled to seek such other rights and remedies it may have at law or in equity.

**ARTICLE 25 COMPLIANCE WITH LAWS**

**25.1** Seller shall comply with, and all activities under this Agreement shall be subject to, all Purchaser policies and procedures, and all applicable federal, state and local laws, regulations, policies and procedures as now existing and as may be amended or modified. Specifically, but not limited to, Seller shall not discriminate against any employee nor shall any party be subject to discrimination in the performance of this Agreement because of race, creed, color, sex, age, national origin or disability. Further, if applicable, Seller shall comply with the provisions of the Davis-Bacon Act including, but not limited to, the wages, recordkeeping, reporting and notice requirements set forth therein.

**25.2** Seller represents and warrants that it will comply with the state’s data breach notification laws codified at Section 75-24-29 of the Mississippi Code Annotated (Supp. 2012). Further, to the extent applicable, Seller represents and warrants that it will comply with the applicable provisions of the HIPAA Privacy Rule and Security Regulations (45 CFR Parts 160, 162 and 164) (“Privacy Rule” and “Security Regulations”, individually; or “Privacy and Security Regulations”, collectively); and the provisions of the Health Information Technology for Economic and Clinical Health Act, Title XIII of the American Recovery and Reinvestment Act of 2009, Pub. L. No. 111-5 (the “HITECH Act”).

**ARTICLE 26 CONFLICT OF INTEREST**

Seller shall notify Purchaser of any potential conflict of interest resulting from the representation of or service to other clients. If such conflict cannot be resolved to Purchaser’s satisfaction, Purchaser reserves the right to terminate this Agreement.

**ARTICLE 27 SOVEREIGN IMMUNITY**

By entering into this Agreement with Seller, the State of Mississippi does in no way waive its sovereign immunities or defenses as provided by law.

**ARTICLE 28 CONFIDENTIAL INFORMATION**

**28.1** Seller shall treat all Purchaser data and information to which it has access by its performance under this Agreement as confidential and shall not disclose such data or information to a third party without specific written consent of Purchaser. In the event that Seller receives notice that a third party requests divulgence of confidential or otherwise protected information and/or has served upon it a subpoena or other validly issued administrative or judicial process ordering divulgence of such information, Seller shall promptly inform Purchaser and thereafter respond in conformity with such subpoena to the extent mandated by state and/or federal laws, rules and regulations. This Article shall survive the termination or completion of this Agreement, shall continue in full force and effect, and shall be binding upon the Seller and its agents, employees, successors, assigns, subcontractors, or any party or entity claiming an interest in this Agreement on behalf of or under the rights of the Seller following any termination or completion of this Agreement.

**28.2** With the exception of any attached exhibits which are labeled as "confidential", the parties understand and agree that this Agreement, including any amendments and/or change orders thereto, does not constitute confidential information, and may be reproduced and distributed by the State without notification to Seller. ITS will provide third party notice to Seller of any requests received by ITS for any such confidential exhibits so as to allow Seller the opportunity to protect the information by court order as outlined in ITS Public Records Procedures.

**ARTICLE 29 EFFECT OF SIGNATURE**

Each person signing this Agreement represents that he or she has read the Agreement in its entirety, understands its terms, is duly authorized to execute this Agreement on behalf of the parties and agrees to be bound by the terms contained herein. Accordingly, this Agreement shall not be construed or interpreted in favor of or against the State or the Seller on the basis of draftsmanship or preparation hereof.

**ARTICLE 30 OWNERSHIP OF DOCUMENTS AND WORK PRODUCTS**

All data, electronic or otherwise, collected by Seller and all documents, notes, programs, data bases (and all applications thereof), files, reports, studies, and/or other material collected and prepared by Seller in connection with this Agreement, whether completed or in progress, shall be the property of Purchaser upon completion of this Agreement or upon termination of this Agreement. Purchaser hereby reserves all rights to the databases and all applications thereof and to any and all information and/or materials prepared in connection with this Agreement. Seller is prohibited from use of the above described information and/or materials without the express written approval of Purchaser.

**ARTICLE 31 NON-SOLICITATION OF EMPLOYEES**

Seller agrees not to employ or to solicit for employment, directly or indirectly, any of the Purchaser’s employees until at least one (1) year after the expiration/termination of this Agreement unless mutually agreed to the contrary in writing by the Purchaser and the Seller and provided that such an agreement between these two entities is not a violation of the laws of the State of Mississippi or the federal government.

**ARTICLE 32 ENTIRE AGREEMENT**

**32.1** This Agreement constitutes the entire agreement of the parties with respect to the subject matter contained herein and supersedes and replaces any and all prior negotiations, understandings and agreements, written or oral, between the parties relating hereto, including all terms of any unsigned or “shrink-wrap” license included in any package, media or electronic version of Seller-furnished software, or any “click-wrap” or “browse-wrap” license presented in connection with a purchase via the internet. The LOC, General RFP No. 3849 and Seller’s Proposals in response thereto are hereby incorporated into and made a part of this Agreement.

**32.2** The Agreement made by and between the parties hereto shall consist of, and precedence is hereby established by the order of the following:

**A.** This Agreement signed by both parties;

**B.** Any exhibits attached to this Agreement;

**C.** LOC;

**D.** General RFP No. 3849 and written addenda, and

**E.** Seller’s Proposals, as accepted by Purchaser, in response to the LOC and General RFP No. 3849.

**32.3** The intent of the above listed documents is to include all items necessary for the proper execution and completion of the services by the Seller. The documents are complementary, and what is required by one shall be binding as if required by all. A higher order document shall supersede a lower order document to the extent necessary to resolve any conflict or inconsistency arising under the various provisions thereof; provided, however, that in the event an issue is addressed in one of the above mentioned documents but is not addressed in another of such documents, no conflict or inconsistency shall be deemed to occur by reason thereof. The documents listed above are shown in descending order of priority, that is, the highest document begins with the first listed document (“A. This Agreement”) and the lowest document is listed last (“E. Seller’s Proposals”).

**ARTICLE 33 SURVIVAL**

Articles 6, 7, 14, 18, 22, 27, 28, 30, 31, and all other articles, which by their express terms so survive or which should so reasonably survive, shall survive any termination or expiration of this Agreement.

**ARTICLE 34 DEBARMENT AND SUSPENSION CERTIFICATION**

Seller certifies that neither it nor its principals: (a) are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency; (b) have, within a three (3) year period preceding this Agreement, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public (federal, state or local) transaction or contract under a public transaction; violation of federal or state anti-trust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property; (c) are presently indicted of or otherwise criminally or civilly charged by a governmental entity with the commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public (federal, state or local) transaction or contract under a public transaction; violation of federal or state anti-trust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property, and (d) have, within a three (3) year period preceding this Agreement, had one or more public transaction (federal, state or local) terminated for cause or default.

**ARTICLE 35 COMPLIANCE WITH ENTERPRISE SECURITY POLICY**

Seller and Purchaser understand and agree that all products and services provided by Seller under this Agreement must be and remain in compliance with the State of Mississippi’s Enterprise Security Policy. The parties understand and agree that the State’s Enterprise Security Policy is based on industry-standard best practices, policy, and guidelines at the time of contract execution. The State reserves the right to introduce a new policy during the term of this Agreement and require the Seller to comply with same in the event the industry introduces more secure, robust solutions or practices that facilitate a more secure posture for the State of Mississippi.

**ARTICLE 36 STATUTORY AUTHORITY**

By virtue of Section 25-53-21 of the Mississippi Code Annotated, as amended, the Executive Director of ITS is the purchasing and contracting agent for the State of Mississippi in the negotiation and execution of all contracts for the acquisition of information technology equipment, software, and services. The parties understand and agree that ITS as contracting agent is not responsible or liable for the performance or non-performance of any of Purchaser’s or Seller’s contractual obligations, financial or otherwise, contained within this Agreement. The parties further acknowledge that ITS is not responsible for ensuring compliance with any guidelines, conditions, or requirements mandated by Purchaser’s funding source.

**ARTICLE 37 CHANGE ORDER RATE AND PROCEDURE**

**37.1** It is understood that the State may, at any time by a written order, make changes in the scope of the project. No changes in scope are to be conducted or performed by the Seller except by the express written approval of the State. The Seller shall be obligated to perform all changes requested by the Purchaser, which have no price or schedule effect.

**37.2** The Seller shall have no obligation to proceed with any change that has a price or schedule effect until the parties have mutually agreed in writing thereto. Neither the State nor the Seller shall be obligated to execute such a change order; and if no such change order is executed, the Seller shall not be obliged or authorized to perform services beyond the scope of this Agreement and the contract documents. All executed change orders shall be incorporated into previously defined deliverables.

**37.3** With respect to any change orders issued in accordance with this Article, the Seller shall be compensated for work performed under a change order according to the hourly change order rate of $INSERT AMOUNT. INSERT CHANGE ORDER HOURLY RATEIf there is a service that is not defined in the change order rate, the Seller and the State will negotiate the rate. The Seller agrees that this change order rate shall be a “fully loaded” rate, that is, it includes the cost of all materials, travel expenses, per diem, and all other expenses and incidentals incurred by the Seller in the performance of the change order. The Seller shall invoice the Purchaser upon acceptance by the Purchaser of all work documented in the change order, and the Purchaser shall pay invoice amounts on the terms set forth in this Agreement. The Seller acknowledges and agrees that the fully-loaded change order hourly rates in Exhibit A must remain valid for the duration of the Agreement, with annual increases not to exceed the lesser of a five percent increase or an increase in the consumer price index, all Urban Consumer U.S. City Average (C.P.I.-U).

**37.4** Upon agreement of the parties to enter into a change order, the parties will execute such a change order setting forth in reasonable detail the work to be performed thereunder, the revisions necessary to the specifications or performance schedules of any affected project work plan, and the estimated number of professional services hours that will be necessary to implement the work contemplated therein. The price of the work to be performed under any change order will be determined based upon the change order rate; however, the change order will be issued for a total fixed dollar amount and may not be exceeded regardless of the number of hours actually expended by the Seller to complete the work required by that change order. The project work plan will be revised as necessary.

**37.5** The Seller will include in the progress reports delivered under this Agreement, the status of work performed under all then­ current change orders.

**37.6** In the event the Seller and the State enter into a change order which increases or decreases the time required for the performance of any part of the work under this Agreement, the Seller shall submit to the Purchaser a revised version of the project work plan, clearly indicating all changes, at least five (5) working days prior to implementing any such changes.

**37.7** The Purchaser shall promptly review all revised project work plans submitted under this Agreement, and shall notify the Seller of its approval or disapproval, in whole or in part, of the proposed revisions, stating with particularity all grounds for any disapproval, within ten (10) working days of receiving the revisions from the Seller. If the Purchaser fails to respond in such time period or any extension thereof, the Purchaser shall be deemed to have approved the revised project work plan.

**ARTICLE 38 RETAINAGE**

To secure the Seller’s performance under this Agreement, the Seller agrees that the Purchaser shall hold back as retainage twenty percent (20%) of each amount payable, including amounts payable under Change Orders, under this Agreement. The retainage amount will continue to be held until final acceptance of all deliverables by the Purchaser.

**ARTICLE 39 TRANSPARENCY**

In accordance with the Mississippi Accountability and Transparency Act of 2008, §27-104-151, et seq., of the Mississippi Code of 1972, as Amended, the American Accountability and Transparency Act of 2009 (P.L. 111-5), where applicable, and §31-7-13 of the Mississippi Code of 1972, as amended, where applicable, a fully executed copy of this Agreement and any subsequent amendments and change orders shall be posted to the State of Mississippi’s accountability website at: https://www.transparency.mississippi.gov. Prior to ITS posting the Agreement and any subsequent amendments and change orders to the website, any attached exhibits which contain trade secrets or other proprietary information and are labeled as “confidential” will be redacted by ITS.

For the faithful performance of the terms of this Agreement, the parties have caused this Agreement to be executed by their undersigned representatives.

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| **State of Mississippi, Department of**  **Information Technology Services, on**  **behalf of** **Mississippi Department of**  **Human Services** | **VENDOR NAME** |
| **By:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **By:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Authorized Signature** | **Authorized Signature** |
| **Printed Name: Craig P. Orgeron, Ph.D.** | **Printed Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Title: Executive Director** | **Title:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

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| **Mississippi Department of**  **Human Services** |  |
| **By:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| **Authorized Signature** |  |
| **Printed Name: John Davis** |  |
| **Title: Executive Director** |  |
| **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |

**EXHIBIT A**