



REQUEST FOR PROPOSAL

Information Technology Cloud Migration

Contents

- Section 1. Introduction, Background and Administrative Information** 3
 - Section 1.1 Purpose:..... 3
 - Section 1.2 Background of the SLTX: 3
 - Section 1.2.1 Stakeholders: 3
 - Section 1.3 Proposal Administrative Information: 4
 - Section 1.4 Proposal Submission: 4
 - Section 1.5 Response to Inquiries: 5
- Section 2. Detailed Response Requirements** 6
 - Section 2.1 Cost to Propose..... 8
 - Section 2.2 No Obligation to Contract..... 8
 - Section 2.3 Confidentiality 8
 - Section 2.4 NDA (Non-Discloser Agreement) 8
- Section 3. Non-Discrimination**..... 9
- Section 4. Services, Indemnification, and insurance** 9
 - Section 4.1 Insurance requirements 9
 - Section 4.2 Certificates of Insurance Delivery 11
- Section 5 Existing Environment Overview** 12
 - Section 5.1 Infrastructure and Hardware Platform..... 12
 - Section 5.2 Application Overview 12
 - Section 5.3 Bandwidth and ISP information 13
- Section 6 Technical Requirements**..... 13
 - Initial Planning and Inventory – Phase 1:..... 13
 - Application, Infrastructure Mapping and Assessment- Phase 2: 13
 - Migration Planning- Phase 3:..... 14
 - Reporting and RFP Support- Phase 4: 14
- Section 7 Evaluation and Contract Award** 15
- Appendix** 16
 - Appendix A: Server platforms and high-level configurations 17
 - Appendix B. Network Topology 24

You are invited to submit a bid proposal to The Surplus Lines Stamping Office of Texas (SLTX). For more information on SLTX visit our website @ www.sltx.org

Section 1. Introduction, Background and Administrative Information

Section 1.1 Purpose:

SLTX initiating this Request for Proposals (RFP) to migrate applications and data hosted within on-premises data center to a cloud environment. The solution from qualified vendors should include planning, analysis, technical requirements, and implementation of SLTX's on-premises data center to cloud environment. The estimates should include the cost for re-factoring, re-hosting and re-platforming/engineering as necessary.

Organizers responding should have extensive experience with the following:

1. VMWare Vcenter
2. Cloud solution providers, and value-added providers.
3. Developing migration strategies that encompass both custom-complex unique and off the shelf applications; and have a proven record of successful implementation.
4. Help SLTX execute a cloud migration, with minimal to no to re-engineer existing application to take advantage of cloud technology.

Important notes:

1. The actual selection of cloud service provider(s) will be treated as a joint engagement. If necessary, the engagement can be subjected to another RFP.
2. The vendor(s) may provide different options for the proposed cloud provider.
3. The vendor(s) may provide alternate locations for the platform as service.
4. The vendor(s) should ensure that the proposed location is in alignment with the proposed recovery time.

Section 1.2 Background of the SLTX:

Created by the Legislature in 1987, the Surplus Lines Stamping Office of Texas is a Non-profit 501 (3)c unincorporated organization that functions to ensure the integrity of the excess and surplus lines insurance market. For additional information about SLTX please visit www.sltx.org.

Section 1.2.1 Stakeholders:

Stakeholders include the Texas Department of Insurance (TDI), Texas Comptroller of Public Accounts ("Comptroller"), Legislators, Surplus Lines Insurance Brokers and Agents, Surplus Lines Insurers, the Public, SLTX Board Members, Federal Insurance Office (FIO), Texas Surplus Lines Association (TSLA), Wholesale and Specialty Insurance Association (WSIA), National Association of Insurance Commissioners (NAIC), Risk Insurance Management Society (RIMS), various Trade Organizations, Third Party Filers, Public/Consumer Interest Groups, Other Political Subdivisions and Units of local governments (and Associations), and US Surplus Lines Service Peer Offices.

Section 1.3 Proposal Administrative Information:

Due Dates (and Times, if applicable):

Questions: 09/23/2020

Proposals: 10/09/2020 by 5:00pm (CST)

Decision notification will be given after the October board meeting.

Location of Service:

Location of Service will depend on servicing center

Inquiries to:

Surplus Lines Stamping Office of Texas

Attn: Sholonda Stone

Director of Information Technology

805 Las Cimas Parkway Suite 300

Austin, TX 78746

512-531-1874

sstone@sltx.org

Section 1.4 Proposal Submission:

Award of the contract resulting from this RFP will be based upon the most responsive and responsible Vendor whose offer will be the most advantageous to Surplus Lines Stamping Office of Texas (SLTX) in terms of cost, functionality, and other factors as specified elsewhere in this RFP.

SLTX reserves the right to:

- Reject any or all offers and discontinue this RFP process without obligation or liability to any potential Vendor.
- Request references and financial statements for the most recently completed fiscal year.
- Contact any or all references.
- Waive requirements or amend this RFP on notification to all bidders. Mandatory requirements may be eliminated if unmet by all bidders.
- Adjust or correct cost or cost figures with the concurrence of the bidders if mathematical or typographical errors exist.
- Begin contract negotiations with another bidder in order to serve the best interests of SLTX, should the RFP be unsuccessful in negotiating a contract with the successful bidder within an acceptable time frame.
- Accept other than the lowest priced offer.
- Request clarifications from bidders for purposes of assuring a full understanding of responsiveness, and further to permit revisions from all bidders being considered for contract award, prior to award.
- Award a contract on the basis of initial offers received, without discussions or requests for best and final offers.
- Waive minor irregularities.

Vendor's proposal shall be submitted in several parts as set forth below. The Vendor will confine its submission to those matters sufficient to define its proposal and to provide an adequate basis for SLTX's evaluation of the Vendor's proposal.

In order to address the needs of this procurement, Vendor(s) may choose to work cooperatively to present a fully integrated solution. Vendor(s) team arrangements may be desirable to enable the companies involved to complement each other's unique capabilities, while offering the best combination of performance, cost, and delivery for provision of both the management services component and the Database Maintenance Component being provided under this RFP. SLTX will recognize the integrity and validity of Vendor(s) team arrangements provided that:

- The arrangements are identified, and relationships are fully disclosed, **and**
- A prime Vendor(s) is designated that will be fully responsible for all contract performance.

Vendor's proposal in response to this RFP will be incorporated into the final agreement between SLTX and the selected Vendor(s). The submitted proposals are **required** to include each of the following sections:

- Executive Summary
- Approach and Methodology
- Management Deliverables and Reports
- Detailed and Itemized Pricing
- Appendix: References
- Appendix: Project Team Staffing
- Appendix: Company Overview

The detailed requirements for each of the above-mentioned sections are outlined below. (Section 2)

Section 1.5 Response to Inquiries:

Any inquiries about the requirements of this Request for Proposal or any apparent omission or discrepancy should be presented in writing to the SLTX representative listed below. All formal inquiries must be submitted no later than fourteen (14) calendar days after the issuance of this Request for Proposal. Failure to submit inquiries by this deadline may result in the inquiry not being answered. The SLTX representative will then answer each question and disseminate the answers in writing to each vendor(s) or individual that indicated interest bidding for this Request for Proposal. If necessary, the SLTX representative will issue a written amendment to the Request for Proposal. Oral statements or instructions do not constitute an amendment to this Request for Proposal.

SLTX Representative

Surplus Lines Stamping Office of Texas
Attn: Sholonda Stone
Director of Information Technology
805 Las Cimas Parkway Ste.300, Austin, TX 78746
512-531-1874
sstone@sltx.org

Section 2. Detailed Response Requirements

Executive Summary

This section will present a high-level synopsis of the Vendor's responses to the RFP. The Executive Summary should be a brief overview of the engagement and should identify the main features and benefits of the proposed work.

Approach and Methodology

Proposer must respond to each task/deliverable in the Scope of Work section and include:

- The Proposer's overall support strategy/philosophy
- The approach Proposer will take to carry out the work objective
- Assumptions, i.e. requirements, risks, and expectations used to develop the proposal
- An explanation of the problem reporting and resolution process that describes the Proposer's support plan, including tiers, service levels, call escalation, the person(s) authorized to close problem reports, etc.

Management Deliverables and Reports

Include descriptions of any reports used to summarize and provide detailed information for managed services customers (dashboard views if applicable). Include sample reports as attachments to the proposal to provide an example of the types of reports that will be provided for this engagement.

Detailed and Itemized Pricing

Include a fee breakdown based on your pricing model.

- What is the pricing model? Fixed fee, hourly rate, hybrid, other?
- What services are included in the pricing? Address specifically the following (and feel free to include anything not included in this list):
 - On-site time
 - Help-desk support
 - After hours support
 - Response time/problem resolution time
 - Travel time
 - Vendor management
 - Training
 - Regular in-person business review
 - Regular reporting on system health in business terms
 - Response to major system problems or outages

Appendix: References

Provide three (3) current corporate references for which you perform similar work.

Appendix: Staffing

Include biographies and relevant experience of key staff and management personnel. Describe the qualifications and relevant experience of the types of staff that would be assigned to this project by providing biographies for those staff members.

Background Check

As an agency dealing with various confidential and secure data, we require background checks on any individuals who will work on these systems. All background checks must be completed and provided by the Vendor(s).

Appendix: Company Overview

Provide the following for your company:

- Official registered name (Corporate, D.B.A., Partnership, etc.), Dun & Bradstreet Number, address, main telephone number, toll-free numbers, and facsimile numbers.
- Key contact name, title, address (if different from above address), direct telephone and fax numbers.
- Person authorized to contractually bind the organization for any proposal against this RFP.
- Brief history, including year established and number of years your company has been offering cloud services and/or applications support.
- Disclosure of any actual or potential conflicts of interest and any pending lawsuits.

When submitting a proposal, you must:

1. Prepare a clearly readable document that provides information in the order requested and attach all required information.
2. Indicate any deviations from the specifications.
3. Sign the proposal. Your signature indicates full knowledge and acceptance of this Request for Proposal ("RFP").
4. Submit a completed proposal, one of which must have original signatures. However, we will accept proposals submitted electronically with digital signatures in through a secure portal such as DocuSign.
5. Proposals mailed should be sealed, clearly marked "sealed proposal," and addressed to:
Sholonda Stone
Director of Information Technology
805 Las Cimas Parkway Suite 300
Austin, TX 78746
6. Submit the proposal so that it is received by the due date.

Criteria

Any award to be made pursuant to this RFP will be based upon the proposal, with appropriate consideration given to operational, technical, cost, and management requirements. Evaluation of offers will be based upon the Vendor's responsiveness to the RFP, ability of the vendor to meet the needs of SLTX and the total price quoted for all items covered by the RFP.

The following elements will be the primary considerations in evaluating all submitted proposals and in the selection of a Vendor or Vendors:

1. Completion of all required responses in the correct format.

2. The extent to which Vendor's proposed solution fulfills SLTX's stated requirements as set out in this RFP.
3. An assessment of the Vendor's ability to deliver the indicated services in accordance with the specifications set out in this RFP.
4. The Vendor's stability, experiences, and record of past performance in delivering such services.
5. Availability of sufficient high-quality Vendor personnel with the required skills and experience for the specific approach proposed.
6. Overall cost of Vendor's proposal.

SLTX may, at our discretion and without explanation to the prospective Vendor(s), at any time choose to discontinue this RFP without obligation to such prospective Vendor(s).

Section 2.1 Cost to Propose

SLTX will not be liable for any cost incurred by the Offeror in preparing a Proposal submitted in response to this RFP, or in performing any other activities related to responding to the RFP.

Section 2.2 No Obligation to Contract

This RFP does not obligate SLTX to contract for the services/commodities specified herein.

Section 2.3 Confidentiality

Proposer/Vendor(s) must agree to keep confidential any and all information concerning the plans operations or activities of SLTX which may be divulged by SLTX or ascertained by the Proposer/Vendor(s) in the course of performing services under any contract with SLTX. In the event the Proposer/Vendor(s) are required to disclose confidential information pursuant to a subpoena, order of a court, or other legal process, Proposer/Vendor(s) shall, upon notice of such required disclosure and prior to disclosure, immediately notify SLTX and allow SLTX the opportunity to inspect the information subject to disclosure, and in the event such disclosure is objectionable under any standard or rule of the court, Proposer shall exhaust all legal means to prevent disclosure.

Section 2.4 NDA (Non-Discloser Agreement)

Each Vendor(s) that requires access to SLTX documentation, application(s), network topology etc.... will be required to sign an NDA and each user accessing the same will be required to sign a user-level NDA.

Section 3. Non-Discrimination

Compliance with Laws and Regulations, Non-Discrimination, Equal Opportunity and Affirmative Action Obligations the successful bidder must certify that it does not and will not discriminate or unduly favor any employees or agents on the basis of race, gender, national origin, religion or disability. Proposer/Vendor(s) shall comply with the provisions of Title VII of the Civil Rights Act of 1964 (42 U.S.C. §200d et seq.), §504 of the Federal Rehabilitation Act of 1973 (29 U.S.C. §794), The Age Discrimination Act of 1975, (42 U.S.C. §6101 et seq.), Title IX of the Education Amendments of 1972, (20 U.S.C. §1681), and 45 C.F.R. Part 92, as they may be amended from time to time, which together prohibit discrimination on the basis of race, color, national origin, sex, handicap, age and religion.

Section 4. Services, Indemnification, and insurance

The successful bidder will be responsible for the work, direction, and compensation of its employees, consultants, agents, and contractors. Nothing in the resulting agreement or the performance thereof by the successful bidder will impose any liability or duty whatsoever on SLTX, but not limited to, any liability for taxes, compensation, commissions, unemployment insurance, Workers' Compensation, disability benefits, Social Security, or other employee benefits for any person or entity. The successful bidder shall hold harmless and indemnify SLTX, their officers and employees from and against any injury, damage, loss of liability to persons or property resulting from or arising out of (a) the agreement, and (b) the acts, missions, liabilities, or obligations of the successful bidder, any affiliate, or any person or entity engaged by the successful bidder as an expert, consultant, independent contractor, subcontractor, employee or agent.

Section 4.1 Insurance requirements

Vendor(s) and its subcontractors shall obtain, at Vendor's expense, and keep in effect during the term of Agreement, if awarded, insurance acceptable to the SLTX. Such insurance shall cover all activities of Vendor(s) arising directly or indirectly out of Vendor(s) work performed hereunder, including the operations of its subcontractors of any tier. Such insurance shall be primary and non-contributory. The policy or policies of insurance maintained by Vendor(s) and its subcontractors shall provide at least the following limits and coverages:

Contractor Insurance Requirements

Contractor shall, throughout the duration of this Agreement, at its cost and expense, carry and from time to time renew, the insurance set forth below:

- (A) Commercial General Liability Insurance in the minimum amount of \$1,000,000 per occurrence, \$2,000,000 per location aggregate, including Personal Injury Coverage (False Arrest, Detention or Imprisonment, Malicious Prosecution, Libel, Slander, Defamation or violation of Right of Privacy, Wrongful Entry or Eviction or other Invasion or Right of Private Occupancy), broad form Property Damage (including broad form contractual liability coverage for Contractor's

indemnification as provided for in this Agreement), Premises Operations, Products/Completed Operations Hazard, and Independent Contractors;

(B) Worker's Compensation Insurance in statutory amounts which shall contain a waiver of subrogation in favor of Agent and Owner;

(C) Employer's Liability Insurance in the minimum amount of \$500,000;

(D) Commercial Automobile Liability Insurance covering owned, non-owned and hired automobiles, trucks and trailers used by Contractor in the minimum amount of \$1,000,000 combined single limit for Bodily Injury and Property Damage;

(E) In the event that Contractor is to have access to, or is responsible for handling, Agent's or Owner's funds, Fidelity Bond coverage on a blanket basis covering Contractor and its employees, in an amount as Agent or Owner shall reasonably request, having such deductible as shall be determined from time to time by Agent or Owner, and naming Agent and Owner as a loss payee;

(F) Non-occupational and Disability Insurance, if required by the State where the Property is located;

(G) In the event that Contractor is to park motor vehicles as part of the Services herein, Garage Keepers Legal Liability Insurance in an amount of not less than \$1,000,000, which insurance may be subject to a deductible provision not to exceed \$250 per occurrence;

(H) In the event Contractor is to operate a parking garage as part of the Services herein, Garage Liability Insurance in an amount of not less than \$1,000,000 combined single limit; and

(I) Umbrella Liability providing coverage excess of the required employer's liability, commercial general liability, and commercial automobile liability insurance policies in a minimum amount of \$2,000,000 unless otherwise approved in writing by Agent or Owner.

(J) Professional Liability Insurance in the minimum amount of \$1,000,000 per occurrence and \$1,000,000 aggregate limit;

All such insurance shall be issued by reputable insurance companies licensed to do business in the state where the Property is located, have a Best's rating of not less than A-/VII, and otherwise be satisfactory to Owner. All of such policies shall be on an "occurrence basis" and Agent (and Agent's subsidiaries and affiliates who are performing services at the Property), Owner, and any additional parties requested by Owner or Agent shall be named as additional insureds under Contractor's General Liability, Automobile Liability and Umbrella Liability insurance policies as follows: Surplus Lines Stamping Office of Texas (SLTX) and Cushman & Wakefield U.S., Inc., **Las Cimas Owner, LP..**

Certificates in customary form, evidencing that premiums for the foregoing insurance have been paid, shall be delivered by Contractor to Agent simultaneously with

Contractor's execution of this Agreement and prior to Contractor performing any Services hereunder. Within thirty (30) days prior to expiration of such insurance similar updated certificates shall be delivered by Contractor to Agent evidencing the renewal of such insurance, together with evidence of the payment of the premium. All certificates of insurance must contain a definite provision that if the policies of insurance evidenced by such certificates are canceled or changed during the periods of coverage as stated therein, in such a manner as to effect the coverage afforded by such policies, written notice will be mailed to Agent and Owner by certified mail and return receipt requested at least thirty (30) days prior to such cancellation or change.

Contractor shall procure an appropriate clause in, or endorsement on, each of its policies for fire or extended coverage insurance and on all other forms of property damage insurance covering the Contractor's personal property, materials or equipment whereby the insurer waives subrogation or consents to a waiver of the right of recovery against Agent (and Agent's subsidiaries and affiliates who are performing services at the Property), Owner, and any additional parties requested by Owner or Agent, and having obtained such waiver of subrogation or waiver of the right of recovery, Contractor hereby agrees that it will not make any claim against or seek to recover from Agent (and Agent's subsidiaries and affiliates who are performing services at the Property), Owner and/or any additional parties requested by Owner or Agent, for any loss or damage to property or damage to property of others or bodily injury or death arising from any risk or peril of the type covered or coverable by any insurance policy actually carried by or required to be carried by Contractor pursuant to the terms of this Agreement.

Contractor's Commercial General Liability, Automobile Liability and Umbrella Liability insurance policies shall be primary and noncontributory, and any such insurance maintained by Agent and/or Owner shall be secondary and non-contributory and excess over any applicable insurance required to be maintained by Contractor hereunder.

Section 4.2 Certificates of Insurance Delivery

As evidence of the insurance coverage required by the Agreement, Vendor(s) shall furnish a Certificate of Insurance to SLTX and SLTX shall forward a copy of the Certificate of insurance to Cushman & Wakefield U.S., Inc., *Las Cimas Owner, LP.* . No Agreement shall be affected until the required certificates have been received and approved the appropriate parties. If in the event of Certificate of Insurance expiration, a renewal certificate shall be sent to SLTX ten (10) days prior to coverage expiration.

Section 5 Existing Environment Overview

SLTX core business applications systems are currently hosted on two VMWare platforms that are approaching their end of life. The first of these two platforms serve as the production environment and is currently hosted at SLTX. The second platform serves as our co-location data center which is disaster recovery environment. The systems supporting the data center are critical to SLTX and its stakeholders. Most of SLTX's business system applications run with an availability greater than 99%. Security is an essential component of SLTX's IT operations. The majority of SLTX's core business applications are customer facing.

Section 5.1 Infrastructure and Hardware Platform

SLTX core business applications systems are currently hosted in two locations one (1) onsite datacenter and one (1) offsite backup colocation. Both sites are currently running on VMWare platform using ESXi across 5 host onsite and 3 combined host at the colocation. SLTX maintains two primary domains one that is currently being a phase out over the next 18-24 months. There are currently a total of 74 servers and workstations hosted on the VMware platform. Currently data is only populated through our onsite location. The data is backup locally using VEEAM as the backup software and the replicating to the colocation twice daily.

1. Appendix A: Server platforms and high-level configurations
2. Appendix B: High-level network topology

Section 5.2 Application Overview

On an average monthly, SLTX MIS/EFS systems can process over 94,000 transactions and over 1 million transactions a year¹. SLTX's database contains over 500 million records in the production unarchived database with a combined database size that exceeds 1TB of data. All of SLTX critical systems are developed in house using various technologies mainly Microsoft based with combinations of but not limited to .Net and SQL server. The servers that support the applications range from Windows 2008 to 2016 and rang of Linux servers. All of the SLTX servers that support the applications are virtualized.

In addition to the critical applications, SLTX also operates many typical applications such as Atlassian Suite, Human Recourses Management System (HRMS), and financial applications.

¹ The number of processed transactions is not equivalent to the number of database transactions.

Section 5.3 Bandwidth and ISP information

SLTX currently maintains two Internet Service Provider (ISP) connections for redundancy. The main connection is 1gbps/1gbps the backup connection is 100mbps/100mbps. SLTX currently maintains a dedicated E-Line to the Co-location for backup. The average usage through the firewall is 9.6mbps (4.5mbps/4.5mbps).

Section 6 Technical Requirements

SLTX recommends a four-phase approach for the development and delivery of the cloud migration strategy. The phases do not have to be addressed sequentially; an iterative approach may also be appropriate. In the RFP response, the vendor may propose a different approach than the one suggested by SLTX if the deliverables described in this section are included in the response.

Initial Planning and Inventory – Phase 1:

1. Gain an understanding, document, and inventory SLTX's Applications and data centers. This may be accomplished through meetings with the appropriate SLTX personnel and by reviewing documentation provided related, but not limited to:
 - a. Application, technology infrastructure layout
 - b. Location and nature of information assets
 - c. Connectivity and system integration requirements
 - d. Security requirements
 - e. Disaster recovery capabilities and desired standards
 - f. Software and system maintenance cost
 - g. Datacenter operation cost
2. Gain an understanding of and document SLTX's development and datacenter operations processes, including but not limited to:
 - a. Build automation and application deployment
 - b. Backups (both internally and to the colocation)
 - c. Vulnerability scanning and patching
 - d. Monitoring (performance, utilization, security etc.)
3. Gain an understanding of and document SLTX's IT strengths, weaknesses, and challenges, including current skillsets and staffing levels. This is needed to ensure that SLTX will have the proper skills to sustain and support the suggested solutions.
4. Share and review the documentation produced with key personnel at SLTX.

Application, Infrastructure Mapping and Assessment- Phase 2:

1. For each SLTX application, in concert with key SLTX personnel, identify the migration strategy that would yield the highest benefits from a cloud hosting – e.g. IaaS or PaaS service models and associated deployment model (private, public, community, etc.).
 - a. Describe any application transformation required to support the recommended cloud model, including, re-engineering of the application

or its interfaces/integrations. SLTX would like any change to be at a minimum.

- b. Denote, as appropriate, situations where quick win can be achieved prior to the optimal cloud architecture taking into account applications' lifecycle and potential customer impact.
 - c. Develop documentation supporting the recommendations, and any associated findings that include application rewrite, automated monitoring and scaling of infrastructures and platforms, and disaster recovery strategy that take advantage of flexible billing in the cloud.
2. For selected applications, develop a cost simulation inclusive of all cloud operations costs, including the cloud hosting, cloud management, and SLTX internal maintenance & operations. Those costs simulations will be used by SLTX for comparison with current operations costs.
 3. Create a short list, or heat map, of cloud service providers, including hosting providers and cloud management vendors, best suited to meet SLTX's requirements; work with key SLTX personnel to refine the technology requirements such as Microsoft SQL Server, NoSQL databases, Queues, schedulers, micro services, etc.

Migration Planning- Phase 3:

1. In collaboration with key SLTX personnel, produce a roadmap inclusive of each SLTX application and representing the most effective cloud migration. The road map should take into account the following:
 - a. SLTX's interests in balancing migration and operations costs against application reengineering cost and COTS (Commercial Off The Shelf) licensing cost.
 - b. Factor in existing applications lifecycle and reengineering plans and priorities.
 - c. Include in the roadmap any pre-requisites, constraints and inhibitors to SLTX, or an application, migration to the cloud.
2. Identify representative milestones in the roadmap, and for each, simulate the ROI (if any) of the proposed strategy vs. projected status quo cost.

Reporting and RFP Support- Phase 4:

1. Produce a comprehensive summary report based on the deliverables produced in the first three phases that includes, at the minimum:
 - a. SLTX's IT challenges as it relates to migration and operations of applications in the cloud
 - b. The heat map produced in phase 2, along with a recommendations and/or pro & cons for cloud hosted vendor(s).
 - c. Application migration roadmap developed on phase 3
2. Conduct walk-throughs and in-person presentations of the report with key project stakeholders. The audience for the above report will be technical, non-technical, executive and board level personnel. Separate reports may be required depending on the audience.
3. Propose language and assistance in the development SLTX's RFP for the selection of the cloud service providers, as appropriate.

Section 7 Evaluation and Contract Award

All Proposals will be reviewed and only those Proposals which have meet the necessary requirements will be evaluated and selected for final review.

Appendix

Appendix A: Server platforms and high-level configurations

SLTX Virtual Machine Listing						
Name	Guest OS	Number CPU	Number of Virtual Disk	Provisioned Space (GB)	Used Space (GB)	Memory Size (MB)
server	Ubuntu Linux	1	1	34.16 GB	34.16 GB	2048
Supports MIS application with user dependency of SLTX users only						
server	Ubuntu Linux	2	1	252.17 GB	252.17 GB	2048
Supports Atlassian software application with the dependency of SLTX user as well as vendor(s)						
server	Ubuntu Linux	2	1	604.17 GB	304.17 GB	4096
Atlassian software application with the dependency of SLTX user as well as vendor(s)						
server	Ubuntu Linux	8	3	1.61 TB	1.55 TB	65536
Supports both MIS/EFS application(s) this application has the dependency of SLTX users and external stakeholders						
server	Ubuntu Linux	8	3	882.16 GB	866 GB	16384
Supports MIS/EFS applications with the dependency of SLTX users for development purposes						
server	Ubuntu Linux	8	3	3.01 TB	1.52 TB	16384
Supports both MIS/EFS application(s) with the dependency of SLTX users and external stakeholders						
server	Ubuntu Linux	8	3	1.49 TB	500.74 GB	4096
Supports both MIS/EFS applications with a user dependency of SLTX users and external stakeholders						
server	Ubuntu Linux	8	3	1.61 TB	1.47 TB	65536
Supports both MIS/EFS applications with a user dependency of SLTX users and external stakeholders						
server	Ubuntu Linux	4	4	676.17 GB	188.75 GB	6144
Supports both MIS/EFS applications with a user dependency of SLTX users and external stakeholders						
server	Ubuntu Linux	2	3	2.48 TB	497.42 GB	4096
Supports both MIS/EFS Web based applications with a user dependency of SLTX users and external stakeholders						
server	Ubuntu Linux	2	3	596.17 GB	430.36 GB	16384
Supports MIS/EFS application with a user dependency of SLTX users and developers both SLTX users and external stakeholders						
server	Ubuntu Linux	2	1	68.18 GB	27.79 GB	4096
Supports EFS Website application this application has the dependency of both SLTX users and external stakeholders						
server	Ubuntu Linux	2	1	36.18 GB	30.23 GB	4096
Supports EFS Website application this application has the dependency of both SLTX users and external stakeholders						

Notes:

- All Servers are 64-bit unless indicated otherwise.
- Management Information System (MIS) – This is a custom internal based application that is used for reporting and analysis for stakeholders' filings.
- Electronic Filing System (EFS) – This is the Web based application for external stakeholder to make filings and view reports.
- Specialty Market Automation Reporting Tool (SMART) This is a custom internal and external based application this is used for reporting and analysis for stakeholders' filings.

SLTX Virtual Machine Listing						
Name	Guest OS	Number CPU	Number of Virtual Disk	Provisioned Space (GB)	Used Space (GB)	Memory Size (MB)
server	Ubuntu Linux	2	1	36.18 GB	31.73 GB	4096
Supports EFS Website application this application has the dependency of both SLTX users and external stakeholders						
server	Ubuntu Linux	2	1	36.17 GB	23.97 GB	4096
Supports EFS Website application this application has the dependency of both SLTX users and external stakeholders						
server	CentOS 4/5/6/7	1	1	18.17 GB	17.9 GB	2048
Supports EFS Website application this application has the dependency of both internal and external users						
server	CentOS 4/5/6/7	1	1	18.17 GB	15.74 GB	2048
Supports EFS Website application this application has the dependency of both internal and external users						
Server	Ubuntu Linux	4	1	228.2 GB	73.36 GB	8192
Supports Atlassian software application with the dependency of SLTX user as well as vendor(s)						
server	Ubuntu Linux	2	1	9.16 GB	7.35 GB	1024
Supports OpenVPN server for both SLTX users and Vendors						
server	Microsoft Windows Server	1	1	44.16 GB	40 GB	4096
Supports OpenVPN server for both SLTX users and Vendors						
server	SUSE Linux Enterprise 11	2	11	184.18 GB	67.89 GB	2048
Platform Services Controller for SLTX production site.						
server	SUSE Linux Enterprise 11	2	2	81.65 GB	46.94 GB	2048
Platform Services Controller for the colocation						
Workstation	Microsoft Windows 10	2	1	184.2 GB	184.2 GB	4096
Supports VEEAM backup application (colocation)						
server	CentOS 4/5/6/7	1	1	18.16 GB	16 GB	2048
Supports MIS/EFS application with a user dependency of Vendor developers/tester and SLTX users						
server	Other Linux	1	1	5.16 GB	5.16 GB	1024
Supports the VYOS for the (colocation)						
server	Microsoft Windows Server 2012	1	4	370.22 GB	45.53 GB	2048
Supports various off the shelf applications with user dependency of SLTX users only						
server	Microsoft Windows Server 2012	4	1	128.02 GB	63.6 GB	4096

Notes:

- All Servers are 64-bit unless indicated otherwise.
- Management Information System (MIS) – This is a custom internal based application that is used for reporting and analysis for stakeholders' filings.
- Electronic Filing System (EFS) – This is the Web based application for external stakeholder to make filings and view reports.
- Specialty Market Automation Reporting Tool (SMART) This is a custom internal and external based application this is used for reporting and analysis for stakeholders' filings.

SLTX Virtual Machine Listing

Name	Guest OS	Number CPU	Number of Virtual Disk	Provisioned Space (GB)	Used Space (GB)	Memory Size (MB)
Supports both MIS/EFS application(s) with the dependency of SLTX users and external stakeholders (Crystal Reporting Server)						
server	Ubuntu Linux	2		942.16 GB	942.16 GB	16384
Supports MIS/EFS application with a user dependency of SLTX users and developers both internal and external						
server	Microsoft Windows Server 2008 R2	1	1	274.19 GB	140.7 GB	4096
Supports Domain Controller with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2008 R2	1	1	564.2 GB	277 GB	4096
Supports Domain Controller with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2012	1	4	1.15 TB	226.56 GB	2048
Supports the file repository with a dependency SLSOT users/groups						
server	Ubuntu Linux	1	1	260.16 GB	53.11 GB	4096
Supports MIS/EFS application with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Ubuntu Linux	2	2	324.18 GB	68.03 GB	4096
Supports CUPS and MIS/EFS application with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2008 (32-bit)	2	1	42.16 GB	24.29 GB	2048
Supports WinDSX application with a user dependency of SLTX users						
server	Microsoft Windows Server 2012	1	4	340.22 GB	106.95 GB	6144
Supports Atlassian application with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2008 R2	4	4	848.21 GB	457.47 GB	16384
Supports MIS/EFS application with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2008 R2	2	1	132.2 GB	103.8 GB	32768
Supports SMART application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	4	1	1.01 TB	1.01 TB	8192
Supports Domain Controller with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	4	1	128.19 GB	128.19 GB	8192

Notes:

- All Servers are 64-bit unless indicated otherwise.
- Management Information System (MIS) – This is a custom internal based application that is used for reporting and analysis for stakeholders' filings.
- Electronic Filing System (EFS) – This is the Web based application for external stakeholder to make filings and view reports.
- Specialty Market Automation Reporting Tool (SMART) This is a custom internal and external based application this is used for reporting and analysis for stakeholders' filings.

SLTX Virtual Machine Listing						
Name	Guest OS	Number CPU	Number of Virtual Disk	Provisioned Space (GB)	Used Space (GB)	Memory Size (MB)
Supports Domain Controller with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server	4	1	104.19 GB	100.01 GB	4096
Supports Domain Controller with a user dependency of SLTX users, external stakeholders and developers both internal and external (colocation)						
server	Microsoft Windows Server	4	1	104.2 GB	99.74 GB	4096
Supports Domain Controller with a user dependency of SLTX users, external stakeholders and developers both internal and external (colocation)						
server	Microsoft Windows Server 2016	4	2	1.51 TB	542.11 GB	32768
Supports SMART application for SLTX with a user dependency of SLTX users and developers both internal and external						
server	Microsoft Windows Server 2016	4	3	4.64 TB	1.22 TB	8192
Supports the File Server for SLTX with a dependency of SLTX users only						
server	Microsoft Windows Server	4	3	978.16 GB	970 GB	8192
Supports the File Server for SLTX with a dependency of SLTX users only (colocation)						
server	Microsoft Windows Server 2016	8	2	228.2 GB	228.2 GB	8192
Supports Global Search application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	8	2	652.2 GB	652.2 GB	32768
Supports Global Search application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	8	2	456.21 GB	236.9 GB	8192
Supports Global Search application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	8	2	636.21 GB	636.21 GB	16384
Supports Global Search application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	8	2	1.24 TB	675.28 GB	16384

Notes:

- All Servers are 64-bit unless indicated otherwise.
- Management Information System (MIS) – This is a custom internal based application that is used for reporting and analysis for stakeholders' filings.
- Electronic Filing System (EFS) – This is the Web based application for external stakeholder to make filings and view reports.
- Specialty Market Automation Reporting Tool (SMART) This is a custom internal and external based application this is used for reporting and analysis for stakeholders' filings.

SLTX Virtual Machine Listing

Name	Guest OS	Number CPU	Number of Virtual Disk	Provisioned Space (GB)	Used Space (GB)	Memory Size (MB)
Supports Global Search application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	8	2	456.21 GB	236.51 GB	8192
Supports Global Search application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2008 R2	4	1	816.21 GB	75.63 GB	8192
Supports Sage HRMS system for SLTX with a user dependency of SLTX users						
server	Microsoft Windows Server 2016	4	1	250 GB	27.84 GB	11264
Supports SLTX Virtual Private Network with a user dependency of SLTX user and external developers						
server	Microsoft Windows Server 2008 R2	4	1	264.2 GB	153.08 GB	32768
Supports SMART application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	2	1	408.21 GB	287.64 GB	8192
Supports EFS Web application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2008 R2	2	1	44.18 GB	28.19 GB	4096
Supports Python software for SLTX with a user dependency of SLTX developers and users						
server	Microsoft Windows Server 2016	8	2	1.2 TB	186.06 GB	16384
Supports MIS/EFS application with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Ubuntu Linux	1	1	33.16 GB	33.16 GB	1024
Supports MIS/EFS Code Repository with a user dependency of SLTX users, and developers both internal and external						
server	Microsoft Windows Server 2008 R2	2	1	132.2 GB	77.33 GB	32768
Supports SMART application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	2	1	208.2 GB	207.8 GB	8192
Supports SMART application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						

Notes:

- All Servers are 64-bit unless indicated otherwise.
- Management Information System (MIS) – This is a custom internal based application that is used for reporting and analysis for stakeholders' filings.
- Electronic Filing System (EFS) – This is the Web based application for external stakeholder to make filings and view reports.
- Specialty Market Automation Reporting Tool (SMART) This is a custom internal and external based application this is used for reporting and analysis for stakeholders' filings.

SLTX Virtual Machine Listing						
Name	Guest OS	Number CPU	Number of Virtual Disk	Provisioned Space (GB)	Used Space (GB)	Memory Size (MB)
server	Microsoft Windows Server 2008 R2	2	3	126.21 GB	109.61 GB	16384
Supports SMART application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Microsoft Windows Server 2016	2	2	1.06 TB	262.15 GB	4096
Support VEEAM backup application for SLTX						
Workstation	Microsoft Windows 10	4	1	156.17 GB	156.17 GB	6144
Support Windows 10 workstation with a user dependency of SLTX users						
Workstation	Microsoft Windows 10	2	1	104.18 GB	68.47 GB	4096
Support Windows 10 workstation with a user dependency of SLTX users						
server	Microsoft Windows Server 2016	4	1	256.01 GB	23.04 GB	16384
Supports SLTX Virtual Private Network with a user dependency of SLTX user and external developers						
server	Microsoft Windows Server 2016	4	1	216.19 GB	216.19 GB	16384
Supports SMART application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Ubuntu Linux	1	1	34.16 GB	34.16 GB	2048
Supports MIS application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Ubuntu Linux	1	1	36.16 GB	32 GB	4096
Supports MIS application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
server	Ubuntu Linux	1	1	36.16 GB	36.16 GB	4096
Supports MIS application for SLTX with a user dependency of SLTX users, external stakeholders and developers both internal and external						
platform	SUSE Linux Enterprise 11	2	1	313.59 GB	241.18 GB	8192
Supports the VMware platform for SLTX at the (colocation)						
platform	SUSE Linux Enterprise 11	4	11	432.44 GB	179.85 GB	16384
Supports the VMware platform for SLTX production site						
server	SUSE Linux Enterprise 11	4	6	6.2 TB	3.19 TB	8192
Support VDP application archives for SLTX at the (colocation)						
Proxy-server	Microsoft Windows Server 2016	4	1	120.08 GB	119.76 GB	8192

Notes:

- All Servers are 64-bit unless indicated otherwise.
- Management Information System (MIS) – This is a custom internal based application that is used for reporting and analysis for stakeholders' filings.
- Electronic Filing System (EFS) – This is the Web based application for external stakeholder to make filings and view reports.
- Specialty Market Automation Reporting Tool (SMART) This is a custom internal and external based application this is used for reporting and analysis for stakeholders' filings.

SLTX Virtual Machine Listing						
Name	Guest OS	Number CPU	Number of Virtual Disk	Provisioned Space (GB)	Used Space (GB)	Memory Size (MB)
Supports VEEAM backup application proxy for SLTX						
OMA	SUSE Linux Enterprise 11	4	3	290.16 GB	290.16 GB	16384
Support the VMware platform for SLTX						

Notes:

- All Servers are 64-bit unless indicated otherwise.
- Management Information System (MIS) – This is a custom internal based application that is used for reporting and analysis for stakeholders' filings.
- Electronic Filing System (EFS) – This is the Web based application for external stakeholder to make filings and view reports.
- Specialty Market Automation Reporting Tool (SMART) This is a custom internal and external based application this is used for reporting and analysis for stakeholders' filings.

Appendix B. Network Topology

