



New Hampshire

Department of Education

STATE OF NEW HAMPSHIRE
DEPARTMENT OF EDUCATION

Educator Information System Upgrades and Support

RFP-BOC-2020-1

The New Hampshire Department of Education does not discriminate on the basis of race, color, religion, marital status, national/ethnic origin, age, sex, sexual orientation, or disability in its programs, activities and employment practices. This statement is a reflection of the Department of Education and refers to, but is not limited to, the provisions of the following laws: Title IV, VI and VII of the Civil Rights Act of 1964-race color, national origin, The Age Discrimination in Employment Act of 1967, The Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972 (Title IX)-sex, Section 504 of the Rehabilitation Act of 1973 (Section 504)-disability, The Americans with Disabilities Act of 1990 (ADA)-disability, and NH Law against discrimination (RSA 354-A).

Auxiliary aids and services are available upon request to individuals with disabilities.

Section 1 – Overview and Schedule

A. Executive Summary

The Bureau of Credentialing within the New Hampshire Department of Education (NHDOE) is seeking a vendor to provide software enhancements, upgrades and ongoing support to its Educator Information System (EIS). This NHDOE owned system maintains credentialing information for approximately 27,000 credentialed K-12 educators. The NHDOE is looking for three years of services with the option of extending the services for up to two additional years. The services will be delivered remotely by the vendor’s software developers.

B. Schedule

The following table provides a Schedule of Events for this RFP through contract finalization and approval. The Agency reserves the right to amend this Schedule at its sole discretion and at any time through a published Addendum.

EVENT	DATE	LOCAL TIME
RFP Released to Proposers (Advertisement)	12/14/2020	
Proposer Inquiry Period Ends	12/16/2020	4:00 PM
Final Agency Responses to Proposer Inquiries	12/18/2020	4:00 PM
Proposers Submit Proposals	12/21/2020	4:00 PM
Estimated Notification of Selection and Begin Contract Negotiations	12/22/2020	

Section 2 - Description of Agency/Program Issuing the Request for Proposals

The Bureau of Credentialing within the New Hampshire Department of Education (NHDOE) is responsible for certifying and recertifying K-12 educational personnel based on standards approved by the New Hampshire State Board of Education as defined in state statute and administrative rule. The Bureau credentials approximately 27,000 educators in over eighty different endorsement areas. The Educator Information System (EIS) is the software tool used to facilitate this work and it is owned by the NHDOE. The system is customer facing and it houses sensitive personal information of educators. In addition to maintaining credentialing information, EIS also tracks educator professional development (necessary for recertification/ renewal) and educator assignments within districts. Lastly, the system is housed on servers maintained by the New Hampshire Department of Information Technology (NHDOIT) and the vendor chosen through this process will work extensively with NHDOIT personnel in addition to Bureau personnel.

Section 3 – Proposed Scope of Work

Development, Programming, Testing and Ongoing Support for the Educator Information System (EIS)

The vendor will provide the design, programming and testing support for the Educator Information System. The services being sought will target four areas. First the vendor will update the system to meet the requirements of ongoing Administrative Rule Changes being defined for the credential application and renewal process. The vendor will also work with the Bureau of Credentialing to implement system enhancements and fixes that have been identified over several years. These items include both system bugs that require significant re-work by the credentialing staff as well as improvements to support applicants, existing educators, SAUs and the Bureau of Credentialing. The vendor will also work with the Bureau of Credentialing to identify business processes that can be streamlined to reduce staff effort, eliminate duplication of work and speed up the application review process. Finally, the current EIS system is built on older technology components. The vendor will upgrade the technology components as they are worked on. This upgrade approach will be much more cost effective than a larger rebuild of the system or the cost of a new system entirely.

Specific deliverables will include:

- 1) Administrative Rule related system updates in FY 21
- 2) Add a Misconduct module in FY 21
- 3) Modernize user interface/ ADA compliance in FY 21
- 4) Eliminate all paper application scenarios in FY 22
- 5) Improve Bureau workflow in FY 22
- 6) Add an SMS/ Text notification system in FY 22
- 7) Add mobile capability in FY 22
- 8) Add data visualization in FY23
- 9) Clean up assignment data in FY 23
- 10) Add archive functionality in FY 23
- 11) Upgrade the underlying data structures on an ongoing basis

Additionally, the vendor will provide ongoing maintenance and support of the system as needed throughout the term of the contract. This ongoing support will focus on 24/7/365 system uptime and the vendor will be required to provide 24/7 support with planned and defined maintenance periods.

Section 4 – Process for Submitting a Proposal

A. Proposal Submission, Deadline, and Location Instructions

Proposals should be submitted in electronic format as a PDF and should not exceed 5 MB in size. Proposals submitted in response to this RFP must be received by the Department of Education no later than the date and time specified in the Schedule section, herein. The proposal shall be considered received based on the timestamp of the email.

Proposals submitted in response to this RFP must be received by the New Hampshire Department of Education no later than the time and date specified in the Schedule section, herein. Proposals must be submitted electronically via email to:

stephen.m.appleby@doe.nh.gov

Proposals must be clearly marked as follows:

**State of New Hampshire
Department of Education
101 Pleasant Street, Concord, NH 03301
Response to RFP 2020-1-BOC
Educator Credentialing System Upgrades and Support**

Unless waived as a non-material deviation in accordance with Section 6B, late submissions will not be accepted and will be returned to the proposers unopened. Delivery of the Proposals shall be at the Proposer's expense. The time of receipt shall be considered when a Proposal has been officially documented by the Agency, in accordance with its established policies, as having been received at the location designated above. The Agency accepts no responsibility for mislabeled mail or mail that is not delivered or undeliverable for whatever reason. Any damage that may occur due to shipping shall be the Proposer's responsibility.

All Proposals submitted in response to this RFP must consist of at least:

- a) One (1) original clearly identified electronic copy of the Proposal in PDF format, including all required attachments.

Proposers who are ineligible to bid on proposals, bids or quotes issued by the Department of Administrative Services, Division of Procurement and Support Services pursuant to the

provisions of RSA 21-I:11-c shall not be considered eligible for an award under this proposal.

B. Proposal Inquiries

All inquiries concerning this RFP, including but not limited to, requests for clarifications, questions, and any changes to the RFP, shall be submitted via email to the following RFP designated Points of Contact:

TO: stephen.m.appleby@doe.nh.gov

CC: William.g.ross@doe.nh.gov

Inquiries must be received by the Agency's RFP Points of Contact no later than the conclusion of the Proposer Inquiry Period (see Schedule of Events section, herein). Inquiries received later than the conclusion of the Proposer Inquiry Period shall not be considered properly submitted and may not be considered.

The Agency intends to issue official responses to properly submitted inquiries on or before the date specified in the Schedule section, herein; however, this date is subject to change at the Agency's discretion. The Agency may consolidate and/or paraphrase questions for sufficiency and clarity. The Agency may, at its discretion, amend this RFP on its own initiative or in response to issues raised by inquiries, as it deems appropriate. Oral statements, representations, clarifications, or modifications concerning the RFP shall not be binding upon the Agency.

Official responses by the Agency will be made only in writing by the process described above. Vendors shall be responsible for reviewing the most updated information related to this RFP before submitting a proposal.

C. Restriction of Contact with Agency Employees

From the date of release of this RFP until an award is made and announced regarding the selection of a Proposer, all communication with personnel employed by or under contract with the Agency regarding this RFP is forbidden unless first approved by the RFP Points of Contact listed in the Proposal Inquiries section, herein. Agency employees have been directed not to hold conferences and/or discussions concerning this RFP with any potential contractor during the selection process, unless otherwise authorized by the RFP Points of Contact. Proposers may be disqualified for violating this restriction on communications.

D. Validity of Proposal

Proposals must be valid for one hundred and eighty (180) days following the deadline for submission of Proposals in the Schedule of Events, or until the Effective Date of any resulting Contract, whichever is later.

Section 5 - Content and Requirements for a Proposal

A. General

1. Table of Contents
2. Company Profile/Background
3. Key Personnel Resumes
4. Project Plan with Timelines (based upon the proposed statement of work)
5. Budget/ Cost Proposal (based upon the proposed statement of work)
6. Three References

Section 6 – Evaluation of Proposals

A. Criteria for Evaluation and Scoring

Each responsive Proposal will be evaluated and considered with regard to the following criteria:

If the Agency, determines to make an award based on these evaluations, the Agency will notify the selected Proposer(s). Should the Agency be unable to reach agreement with the selected Proposer(s) during Contract discussions, the Agency may then undertake Contract discussions with the next preferred Proposer and so on, or the Agency may reject all proposals, cancel this RFP, or solicit new Proposals under a new acquisition process.

The Agency will use a scoring scale of 100 points, a maximum of 20 points awarded based on the Price Proposal, a maximum of 30 points awarded for Qualifications and Experience and a maximum of 50 points awarded for the Technical Proposal, which will be distributed as set forth in the table below.

CATEGORIES	POINTS
TECHNICAL PROPOSAL	50
QUALIFICATIONS AND EXPERIENCE	30
PRICE PROPOSAL POTENTIAL MAXIMUM POINTS	20
TOTAL POTENTIAL MAXIMUM POINTS AWARDED	100

The Agency will select a Proposer based upon the criteria and standards contained in this RFP and from applying the weighting in this section. Oral interviews and reference checks, to the extent they are utilized by the Agency, will be used to refine and finalize scores.

B. Planned Evaluations

The Agency plans to use the following process:

- Initial screening to ensure that the Proposals are in compliance with submission requirements;
- Preliminary evaluation of the Proposals;
- Oral interviews and Product Demonstrations (if necessary);
- Final Evaluation of Technical Proposals and scoring;
- Final Evaluation of [other categories] and scoring (If Applicable);
- Review of Price Proposals and final scoring;
- Select the highest scoring Proposer (s) and begin contract negotiation.

C. Initial Screening

The Agency will conduct an initial screening step to verify Proposer compliance with the technical submission requirements set forth in the RFP and the minimum content set forth in Section 5 of this RFP. The Agency may waive or offer a limited opportunity to cure immaterial deviations from the RFP requirements if it is determined to be in the best interest of the State.

D. Preliminary Technical Scoring of Proposals

The Agency will establish an evaluation team to initially score the Technical Proposals. This evaluation team will review the technical proposals and give a preliminary score to the technical proposals under the guidelines set forth in Section 6. Should a Proposer fail to achieve 35 Points in the preliminary scoring, it will receive no further consideration from the evaluation team and the Proposer's Price Proposal will be returned unopened. Price Proposals will remain sealed during the preliminary technical review.

The proposer will be rated on the following technical questions:

- 1) Describe the overall project plan to accomplish the scope of work outlined in section 3.
- 2) Describe the security measures that the proposer will use to protect confidential data.
- 3) Describe the development environment and testing methodologies used.

E. Oral Interviews and Product Demonstrations

If the Agency determines that it is appropriate, proposers may be invited to oral interviews and/or product demonstrations including demonstrations of any proposed automated systems or technology components. The Agency retains the sole discretion to determine whether to conduct oral interviews, with which proposers; and the number of interviews. Proposers are advised that the Agency may decide to conduct interviews with less than all responsive proposers.

The purpose of oral interviews and product demonstrations is to clarify and expound upon information provided in the written Proposals. Proposers are prohibited from altering the basic substance of their Proposals during the oral interviews and product demonstrations. The Agency may ask the Proposer to provide written clarifications of elements in their Technical Proposal regardless of whether it intends to conduct Oral Interviews.

Information gained from oral interviews and product demonstrations will be used to refine technical review scores assigned from the initial review of the Proposals.

F. Final Technical Scoring of Proposals

Following Oral Interviews, Product Demonstrations, Reference Checks (if appropriate) and/or review of written clarifications of proposals requested by the Agency, the evaluation team will determine a final score for each Technical Proposal.

G. Price Proposal Review

Price proposals will be reviewed upon completion of the final technical scoring of proposals. The Proposer's Price Proposal will be allocated a maximum potential score of 20 points. Proposers are advised that this **is not a low bid award** and that the scoring of the price proposal will be combined with the scoring of the technical proposal to determine the overall highest scoring Proposer.

The following formula will be used to assign points for costs:

Proposer's Price Score = (Lowest Proposed Price / Proposer's Proposed Price) x Number of Points for Score

For the purpose of use of this formula, the lowest proposed price is defined as the lowest price proposed by a Proposer who has scored above the minimum necessary for consideration on the Technical Score.

H. No Best and Final Offer

The Proposal should be submitted initially on the most favorable terms which the proposer

can offer. There will be no best and final offer procedure. The Proposer should be prepared to accept this RFP for incorporation into a contract resulting from this RFP. Contract negotiations may incorporate some or all of the Proposal.

I. Final Selection

The Agency will conduct a final selection based on the final evaluation of the initial proposals or, if requested, as a result of the Best and Final Offer and begin contract negotiations with the selected Proposer(s).

J. Rights of the Agency in Accepting and Evaluating Proposals

The Agency reserves the right to:

- Make independent investigations in evaluating Proposals;
- Request additional information to clarify elements of a Proposal;
- Waive minor or immaterial deviations from the RFP requirements, if determined to be in the best interest of the State;
- Omit any planned evaluation step if, in the Agency's view, the step is not needed;
- At its sole discretion, reject any and all Proposals at any time; and
- Open contract discussions with the second highest scoring Proposer and so on, if the Agency is unable to reach an agreement on Contract terms with the higher scoring Proposer(s).

Section 7 – Terms and Conditions Related To the RFP Process

A. RFP Addendum

The Agency reserves the right to amend this RFP at its discretion, prior to the Proposal submission deadline. In the event of an addendum to this RFP, the Agency, at its sole discretion, may extend the Proposal submission deadline, as it deems appropriate.

B. Non-Collusion

The Proposer's signature on a Proposal submitted in response to this RFP guarantees that the prices, terms and conditions, and Work quoted have been established without collusion with other Proposers and without effort to preclude the Agency from obtaining the best possible competitive Proposal.

C. Property of the Agency

All material received in response to this RFP shall become the property of the State and will not be returned to the proposer. Upon Contract award, the State reserves the right to use any information presented in any Proposal.

D. Confidentiality of a Proposal

Unless necessary for the approval of a contract, the substance of a proposal must remain confidential until the Effective Date of any Contract resulting from this RFP. A Proposer's disclosure or distribution of Proposals other than to the Agency will be grounds for disqualification.

E. Public Disclosure

Pursuant to RSA 21-G:37, all responses to this RFP shall be considered confidential until the award of a contract. At the time of receipt of proposals, the Agency will post the number of responses received with no further information. No later than five (5) business days prior to submission of a contract to the Department of Administrative Services pursuant to this RFP, the Agency will post the name, rank or score of each proposer. In the event that the contract does not require Governor & Executive Council approval, the Agency shall disclose the rank or score of the Proposals at least 5 business days before final approval of the contract.

The content of each Proposer's Proposal shall become public information upon the award of any resulting Contract. Any information submitted as part of a response to this request for proposal (RFP) may be subject to public disclosure under RSA 91-A. In addition, in accordance with RSA 9-F:1, any contract entered into as a result of this RFP will be made accessible to the public online via the website Transparent NH (<http://www.nh.gov/transparentnh/>). However, business financial information and proprietary information such as trade secrets, business and financials models and forecasts, and proprietary formulas may be exempt from public disclosure under RSA 91-A:5, IV. If you believe any information being submitted in response to this request for proposal, bid or information should be kept confidential as financial or proprietary information; you must specifically identify that information in a letter to the agency, and must mark/stamp each page of the materials that you claim must be exempt from disclosure as "CONFIDENTIAL". A designation by the Proposer of information it believes exempt does not have the effect of making such information exempt. The Agency will determine the information it believes is properly exempted from disclosure. Marking of the entire Proposal or entire sections of the Proposal (e.g. pricing) as confidential will neither be accepted nor honored. Notwithstanding any provision of this RFP to the contrary, Proposer pricing will be subject to disclosure upon approval of the contract. The Agency will endeavor to maintain the confidentiality of portions of the Proposal that are clearly and properly marked confidential.

If a request is made to the Agency to view portions of a Proposal that the Proposer has properly and clearly marked confidential, the Agency will notify the Proposer of the request and of the date the Agency plans to release the records. By submitting a Proposal, Proposers agree that unless the Proposer obtains a court order, at its sole expense, enjoining the release of

the requested information, the Agency may release the requested information on the date specified in the Agency's notice without any liability to the Proposers.

F. Non-Commitment

Notwithstanding any other provision of this RFP, this RFP does not commit the Agency to award a Contract. The Agency reserves the right, at its sole discretion, to reject any and all Proposals, or any portions thereof, at any time; to cancel this RFP; and to solicit new Proposals under a new acquisition process.

G. Proposal Preparation Cost

By submitting a Proposal, a Proposer agrees that in no event shall the Agency be either responsible for or held liable for any costs incurred by a Proposer in the preparation of or in connection with the Proposal, or for Work performed prior to the Effective Date of a resulting Contract.

H. Ethical Requirements

From the time this RFP is published until a contract is awarded, no bidder shall offer or give, directly or indirectly, any gift, expense reimbursement, or honorarium, as defined by RSA 15-B, to any elected official, public official, public employee, constitutional official, or family member of any such official or employee who will or has selected, evaluated, or awarded an RFP, or similar submission. Any bidder that violates RSA 21-G:38 shall be subject to prosecution for an offense under RSA 640:2. Any bidder who has been convicted of an offense based on conduct in violation of this section, which has not been annulled, or who is subject to a pending criminal charge for such an offense, shall be disqualified from bidding on the RFP, or similar request for submission and every such bidder shall be disqualified from bidding on any RFP or similar request for submission issued by any state agency. A bidder that was disqualified under this section because of a pending criminal charge which is subsequently dismissed, results in an acquittal, or is annulled, may notify the department of administrative services, which shall note that information on the list maintained on the state's internal intranet system, except in the case of annulment, the information, shall be deleted from the list.

I. Challenges on Form or Process of the RFP

Any challenges regarding the validity or legality of the form and procedures of this RFP, including but not limited to the evaluation and scoring of Proposals, shall be brought to the attention of the Agency at least ten (10) business days prior to the Proposal Submission Deadline. By submitting a proposal, the Proposer is deemed to have waived any challenges to the agency's authority to conduct this procurement and the form and procedures of this RFP.

Section 8 – Contract Terms and Award

A. Non-Exclusive Contract

Any resulting Contract from this RFP will be a non-exclusive Contract. The State reserves the right, at its discretion, to retain other Contractors to provide any of the Services or Deliverables identified under this procurement or make an award by item, part or portion of an item, group of items, or total Proposal.

B. Award

If the State decides to award a contract as a result of this RFP process, any award is contingent upon approval of the Contract by Governor and Executive Council of the State of New Hampshire and upon continued appropriation of funding for the contract.

C. Standard Contract Terms

The Agency will require the successful bidder to execute a Not to Exceed Contract using the Standard Terms and Conditions of the State of New Hampshire which is attached as Appendix A.

The Term of the Contract will be for three years from the date of approval. The contract term may be extended by an additional term of one year up to twice at the sole option of the State, subject to the parties' prior written agreement on terms and applicable fees for each extended term. Contingent upon satisfactory vendor performance, continued funding and Governor and Executive Council approval.

To the extent that a Proposer believes that exceptions to the standard form contract will be necessary for the Proposer to enter into the Agreement, the Proposer should note those issues during the Proposer Inquiry Period. The Agency will review requested exceptions and accept, reject or note that it is open to negotiation of the proposed exception at its sole discretion. If the Agency accepts a Proposer's exception the Agency will, at the conclusion of the inquiry period, provide notice to all potential proposers of the exceptions which have been accepted and indicate that exception is available to all potential proposers. Any exceptions to the standard form contract that are not raised during the proposer inquiry period are waived. In no event is a Proposer to submit its own standard contract terms and conditions as a replacement for the State's terms in response to this solicitation.

Attachment 1: Project Requirements

Vendor Instructions for Business (BR) and Technical (TR) Requirements	
Vendor Response Column:	Place a “Yes” if the
<p>current release of the software can fully support ALL the functionality described in the row, without special customization. A “Yes” can only be used if the delivery method is Standard (see delivery method instructions below). Otherwise, enter an “No”; A “No” can only be used with delivery method Future, Custom, or Not Available/Not Proposing (see delivery method instructions below).</p>	
Criticality Column:	
<p>(M) Indicates a requirement that is “Mandatory”. The State considers it to be of such great importance that it must be met in order for the proposal to be accepted. If the proposer believes that there is something about their proposal that either obviates the need for this requirement or makes it of less importance this must be explained within the comments. The State retains the right to accept a proposal if the need of the requirement is reduced or eliminated by another feature of the proposal. (P) Indicates a requirement which is “Preferred”. This requirement is considered by the State to be of great usefulness but the lack of this feature is not considered serious enough to disqualify the proposal. (O) Indicates a requirement which is “Optional”. This requirement is considered by the State to be one which usefull or potentially usefull but not a central feature of the Project.</p>	
Delivery Method Column:	
<p>Complete the delivery method using a Standard, Future, Custom, or Not Available/Not Proposing (as defined below) that indicates how the requirement will be delivered.</p> <p>Standard - Feature/Function is included in the proposed system and available in the current software release. Future - Feature/Function will be available in a future release. (Provide anticipated delivery date, version, and service release in the comment area.) Custom - Feature/Function can be provided with custom modifications. (Respondent must provide estimated hours and average billing rate or flat cost for the software modification in the comment area. These cost estimates should add up to the total cost for software modifications found in the cost summary table in Section X of the RFP). Not Available/Not Proposing - Feature/Function has not been proposed by the Vendor. (Provide brief description of why this functionality was not proposed.)</p>	
Comments Column:	
<p>For all Delivery Method responses vendors must provide a brief explanation of how the requirement will be met. Free form text can be entered into this column.</p>	
Vendor Instructions for Activity, Deliverable, and Milestone	
<p>Vendor shall complete the Actrivity Deliverable, and Milestone Table identifying estimated delivery date and price.</p>	

Attachment 1: Project Requirements

APPLICATION REQUIREMENTS					
State Requirements			Vendor		
Req #	Requirement Description	Criticality	Vendor Response	Delivery Method	Comments
GENERAL SPECIFICATIONS					
A1.1	Ability to access data using open standards access protocol (please specify supported versions in the comments field).	M			
A1.2	Data is available in commonly used format over which no entity has exclusive control, with the exception of National or International standards. Data is not subject to any copyright, patent, trademark or other trade secret regulation.	M			
A1.3	Web-based compatible and in conformance with the following W3C standards: HTML5, CSS 2.1, XML 1.1	M			
APPLICATION SECURITY					
A2.1	Verify the identity or authenticate all of the system client applications before allowing use of the system to prevent access to inappropriate or confidential data or services.	M			
A2.2	Verify the identity and authenticate all of the system's human users before allowing them to use its capabilities to prevent access to inappropriate or confidential data or services.	M			
A2.3	Enforce unique user names.	M			
A2.4	Enforce complex passwords for Administrator Accounts in accordance with DoIT's statewide <i>User Account and Password Policy</i>	M			
A2.5	Enforce the use of complex passwords for general users using capital letters, numbers and special characters in accordance with DoIT's statewide User Account and Password Policy.	M			
A2.6	Encrypt passwords in transmission and at rest within the database.	M			
A2.7	Establish ability to expire passwords after a definite period of time in accordance with DoIT's statewide User Account and Password Policy	M			
A2.8	Provide the ability to limit the number of people that can grant or change authorizations	M			
A2.9	Establish ability to enforce session timeouts during periods of inactivity.	M			
A2.10	The application shall not store authentication credentials or sensitive data in its code.	M			
A2.11	Log all attempted accesses that fail identification, authentication and authorization requirements.	M			
A2.12	The application shall log all activities to a central server to prevent parties to application transactions from denying that they have taken place.	M			

Attachment 1: Project Requirements

Req #	Requirement Description	Criticality	Vendor Response	Delivery Method	Comments
A2.13	All logs must be kept for (XX- days, weeks, or months)	M			
A2.14	The application must allow a human user to explicitly terminate a session. No remnants of the prior session should then remain.	M			
A2.15	Do not use Software and System Services for anything other than they are designed for.	M			
A2.16	The application Data shall be protected from unauthorized use when at rest	M			
A2.17	The application shall keep any sensitive Data or communications private from unauthorized individuals and programs.	M			
A2.18	Subsequent application enhancements or upgrades shall not remove or degrade security requirements	M			
A2.19	Utilize change management documentation and procedures	M			

TESTING					
State Requirements			Vendor		
Req #	Requirement Description	Criticality	Vendor Response	Delivery Method	Comments
APPLICATION SECURITY TESTING					
T1.1	All components of the Software shall be reviewed and tested to ensure they protect the State's web site and its related Data assets.	M			
T1.2	The Vendor shall be responsible for providing documentation of security testing, as appropriate. Tests shall focus on the technical, administrative and physical security controls that have been designed into the System architecture in order to provide the necessary confidentiality, integrity and availability.	M			
T1.3	Provide evidence that supports the fact that Identification and Authentication testing has been recently accomplished; supports obtaining information about those parties attempting to log onto a system or application for security purposes and the validation of users	M			
T1.4	Test for Access Control; supports the management of permissions for logging onto a computer or network	M			
T1.5	Test for encryption; supports the encoding of data for security purposes, and for the ability to access the data in a decrypted format from required tools.	M			
T1.6	Test the Intrusion Detection; supports the detection of illegal entrance into a computer system	M			
T1.7	Test the Verification feature; supports the confirmation of authority to enter a computer system, application or network	M			
T1.8	Test the User Management feature; supports the administration of computer, application and network accounts within an organization.	M			
T1.9	Test Role/Privilege Management; supports the granting of abilities to users or groups of users of a computer, application or network	M			
T1.10	Test Audit Trail Capture and Analysis; supports the identification and monitoring of activities within an application or system	M			
T1.11	Test Input Validation; ensures the application is protected from buffer overflow, cross-site scripting, SQL injection, and unauthorized access of files and/or directories on the server.	M			

Attachment: Project Requirements

T.1.12	For web applications, ensure the application has been tested and hardened to prevent critical application security flaws. (At a minimum, the application shall be tested against all flaws outlined in the Open Web Application Security Project (OWASP) Top Ten (http://www.owasp.org/index.php/OWASP_Top_Ten_Project))	M			
T1.13	Provide the State with validation of 3rd party security reviews performed on the application and system environment. The review may include a combination of vulnerability scanning, penetration testing, static analysis of the source code, and expert code review (please specify proposed methodology in the comments field).	M			
T1.14	Prior to the System being moved into production, the Vendor shall provide results of all security testing to the Department of Information Technology for review and acceptance.	M			
T1.15	Vendor shall provide documented procedure for migrating application modifications from the User Acceptance Test Environment to the Production Environment.	M			
STANDARD TESTING					
T2.1	The Vendor must test the software and the system using an industry standard and State approved testing methodology as more fully described in Section XXXX .	M			
T2.2	The Vendor must perform application stress testing and tuning as more fully described in Section XXXX .	M			
T2.3	The Vendor must provide documented procedure for how to sync Production with a specific testing environment.	M			
T2.4	The vendor must define and test disaster recovery procedures.	M			

Attachment 1: Project Requirements

SUPPORT & MAINTENANCE REQUIREMENTS					
State Requirements			Vendor		
Req #	Requirement Description	Criticality	Vendor Response	Delivery Method	Comments
SUPPORT & MAINTENANCE REQUIREMENTS					
S1.1	The Vendor's System support and maintenance shall commence upon the Effective Date and extend through the end of the Contract term, and any extensions thereof.	M			
S1.2	Maintain the hardware and Software in accordance with the Specifications, terms, and requirements of the Contract, including providing, upgrades and fixes as required.	M			
S1.3	Repair Software, or any portion thereof, so that the System operates in accordance with the Specifications, terms, and requirements of the Contract.	M			
S1.4	The State shall have unlimited access, via phone or Email, to the Vendor technical support staff between the hours of 8:30am to 5:00pm- Monday through Friday EST;	M			
S1.5	The Vendor response time for support shall conform to the specific deficiency class as described below or as agreed to by the parties: <ul style="list-style-type: none"> o Class A Deficiency - Software - Critical, does not allow System to operate, no work around, demands immediate action; Written Documentation - missing significant portions of information or unintelligible to State; Non Software - Services were inadequate and require re-performance of the Service. o Class B Deficiency - Software - important, does not stop operation and/or there is a work around and user can perform tasks; Written Documentation - portions of information are missing but not enough to make the document unintelligible; Non Software - Services were deficient, require reworking, but do not require re-performance of the Service. o Class C Deficiency - Software - minimal, cosmetic in nature, minimal effect on System, low priority and/or user can use System; Written Documentation - minimal changes required and of minor editing nature; Non Software - Services require only minor reworking and do not require re-performance of the Service. 	M			
S1.6	The Vendor shall make available to the State the latest program updates, general maintenance releases, selected functionality releases, patches, and Documentation that are generally offered to its customers, at no additional cost.	M			

Attachment 1: Project Requirements

Req #	Requirement Description	Criticality	Vendor Response	Delivery Method	Comments
S1.7	For all maintenance Services calls, The Vendor shall ensure the following information will be collected and maintained: 1) nature of the Deficiency; 2) current status of the Deficiency; 3) action plans, dates, and times; 4) expected and actual completion time; 5) Deficiency resolution information, 6) Resolved by, 7) Identifying number i.e. work order number, 8) Issue identified by;	P			
S1.8	The Vendor must work with the State to identify and troubleshoot potentially large-scale System failures or Deficiencies by collecting the following information: 1) mean time between reported Deficiencies with the Software; 2) diagnosis of the root cause of the problem; and 3) identification of repeat calls or repeat Software problems.	P			
S1.9	As part of the Software maintenance agreement, ongoing software maintenance and support issues, shall be responded to according to the following or as agreed to by the parties: a. Class A Deficiencies - The Vendor shall have available to the State on-call telephone assistance, with issue tracking available to the State, eight (8) hours per day and five (5) days a week with an email / telephone response within two (2) hours of request; or the Vendor shall provide support on-site or with remote diagnostic Services, within four (4) business hours of a request; b. Class B & C Deficiencies –The State shall notify the Vendor of such Deficiencies during regular business hours and the Vendor shall respond back within four (4) hours of notification of planned corrective action; The Vendor shall repair or replace Software, and provide maintenance of the Software in accordance with the Specifications, Terms and Requirements of the Contract; or as agreed between the parties	M			
S1.10	The Vendor shall use a change management policy for notification and tracking of change requests as well as critical outages.	M			
S1.11	A critical outage will be designated when a business function cannot be met by a nonperforming application and there is no work around to the problem.	M			
S1.12	The Vendor shall maintain a record of the activities related to repair or maintenance activities performed for the State and shall report quarterly on the following: All change requests implemented; All critical outages reported including actual issue and resolution; Number of deficiencies reported by class with initial response time as well as time to close.	M			

Attachment 1: Project Requirements

PROJECT MANAGEMENT					
State Requirements			Vendor		
Req #	Requirement Description	Criticality	Vendor Response	Delivery Method	Comments
PROJECT MANAGEMENT					
P1.1	Vendor shall participate in an initial kick-off meeting to initiate the Project.	M			
P1.2	Vendor shall provide Project Staff as specified in the RFP.	M			
P1.3	Vendor shall submit a finalized Work Plan within ten (10) days after Contract award and approval by Governor and Council. The Work Plan shall include, without limitation, a detailed description of the Schedule, tasks, Deliverables, critical events, task dependencies, and payment Schedule. The plan shall be updated no less than <i><every two weeks.></i>	M			
P1.4	Vendor shall provide detailed <i><bi-weekly or monthly></i> status reports on the progress of the Project, which will include expenses incurred year to date.	M			
P1.5	All user, technical, and System Documentation as well as Project Schedules, plans, status reports, and correspondence must be maintained as project documentation. (Define how- WORD format- on-Line, in a common library or on paper)	M			