Attachment 2 - Functional Specifications RFP#: 122125 O3

Program Integrity Case Management (PICM) and Fraud Abuse Detection System (FADS) Analytics solution State of Nebraska, Department of Health and Human Services

IMPORTANT:

Please note that any additional cost must be captured in the Cost Proposal and NOT within the response of the specification.

Failure to adhere to these instructions shall result in the bidder being deemed as "Non-Responsive".

General Guidelines for Vendors

- 1. Thoroughly Review Requirements: Carefully read each requirement, including subpoints. Ensure responses clearly address each aspect of the requirement.
- 2. Provide Supporting Details: Each response should include clear descriptions, processes, tools, or diagrams demonstrating how the solution meets the requirement.
- 3. Organize Responses:
 - Use headings and subheadings to structure responses.
 - Include bullet points for clarity.
- 4. Use Standards and Best Practices:
 - Refer to relevant standards (e.g., Section 508, NIST, FIPS, HIPAA).
 - · Provide details of certifications, tools, and industry-compliant processes.
- 5. Clarity and Precision:
 - Avoid vague language or ambiguous claims.
 - Use concise, professional terminology.
 - Ensure responses are tailored to DHHS requirements and align with federal and state guidelines.
- 6. Supporting Artifacts:
 - Include visuals such as diagrams, charts, and flowcharts where applicable.
 - Reference external documents or standards as appropriate.
- 7. Testing and Validation: Detail testing approaches, validation processes, and evidence that the solution meets outlined expectations.

Specific instructions to complete Functional Specifications

Bidders are to refrain from providing a solution where that would result in additional fees and/or expressing that a feature or functionality is available at an additional cost. Any deviations to the requirements for the system must be noted in Attachment 6 - Deviations to Section VI and attached as a separate document. Bidders shall use the "Part II - Deviations to Section (VI)(A)(4)(a)" of the Attachment 6 - Deviations to Section VI to record deviations taken to any requirement within this document (Attachment 2 - Functional Specifications).

This document contains four tables for each functional requirement type. The requirement types and their descriptions are as follows:

No.	Requirement Type	Range
1	Program Integrity - Case Identification and Creation	1 – 18
2	Program Integrity – General	19 – 56
3	Program Integrity - Manage Case Information	57-86

For each requirement listed under the tables in this document, the bidder shall enter the Implementation approach and the Bidder's Response by following the instructions provided directly below.

Met The Requirements

Within each requirement there is a dropdown option to select three option to answer whether the bidder will meet the requirement or not. The available options to choose and their descriptions are as follows.

Available Options	Description
YES	The Bidder confirms that their solution meets the specified requirement
NO	The Bidder confirms that their solution does not meet their requirement
MET WITH DEVIATION	The Bidder Confirms that their solution meets the specified requirement <u>with deviation</u> taken to the specified requirement. (If this option is selected, then the bidder shall utilize the Deviation form [Attachment 6 – Deviations to Section VI] to describe the deviation taken)

Implementation Approach:

The Implementation Approach requested in this document can be described as the methodology that will be utilized by the bidder to meet the specific requirement. Within each requirement there is a dropdown option provided to select your Implementation Approach from which an option must be selected. The available options to choose and their descriptions are as follows:

Available Options	Description
Out of Box (OOB)	Indicates that the functionality is available in the solution without any modifications.
Customization	Refers to changes made to the base product to meet specific requirements. This may involve coding or other significant alterations
Configuration	Refers to adjustments or settings changes within the solution that do not require coding but adapt the product to meet requirements.
TPS	Met with third party software
NA	Not Available

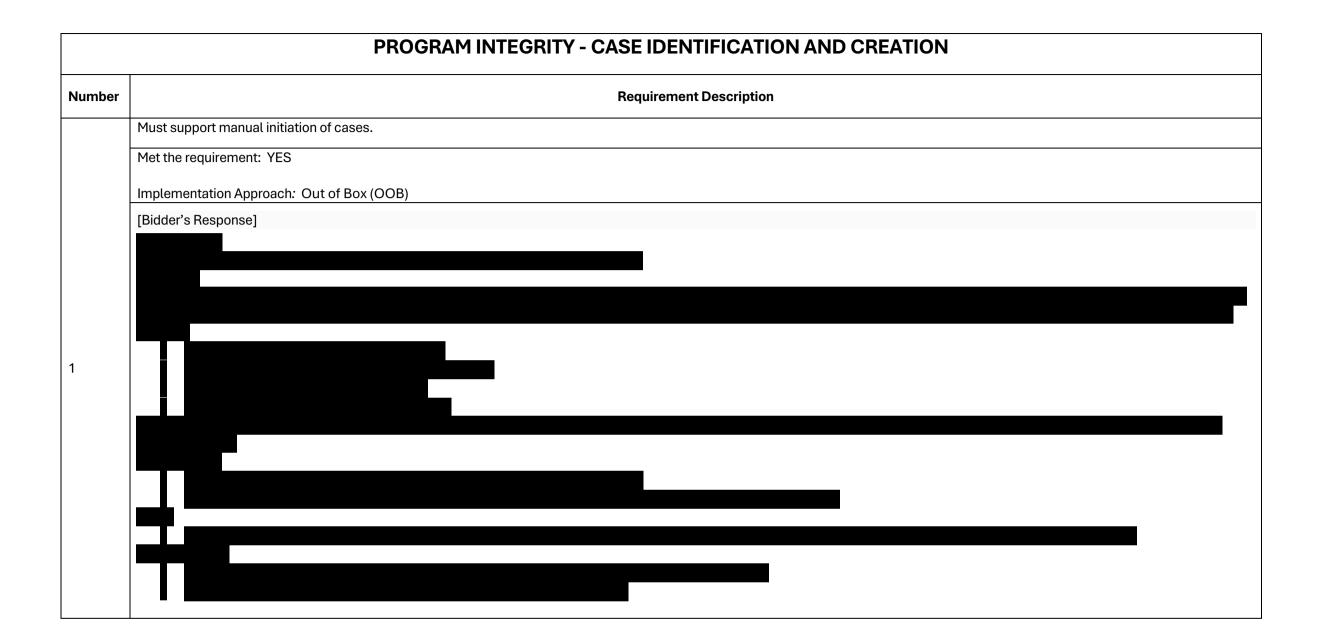
Bidder's Response

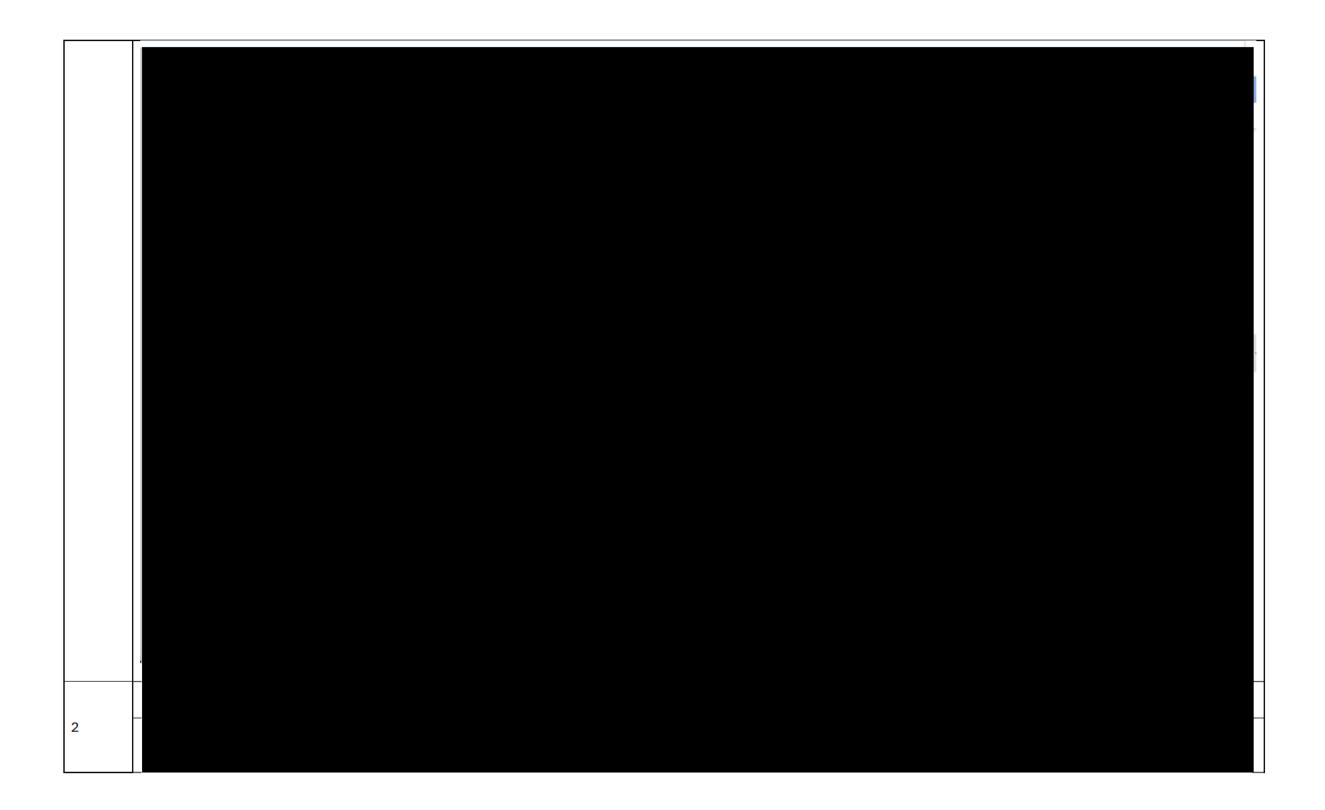
As bidders prepare responses to each individual requirement, the responses are expected to address the individual requirement in a manner that demonstrates to the State that the bidder understands the requirement and how the bidder will meet the specific requirement. If the bidder's response simply repeats the requirement, acknowledges, or adds sales materials in the Bidder's response, the State will reserve the right to deem the response as a "Non-Responsive Solicitation Response". However, if needed to appropriately explain bidder's response, a mix of tables, graphical details, and written narrative is acceptable

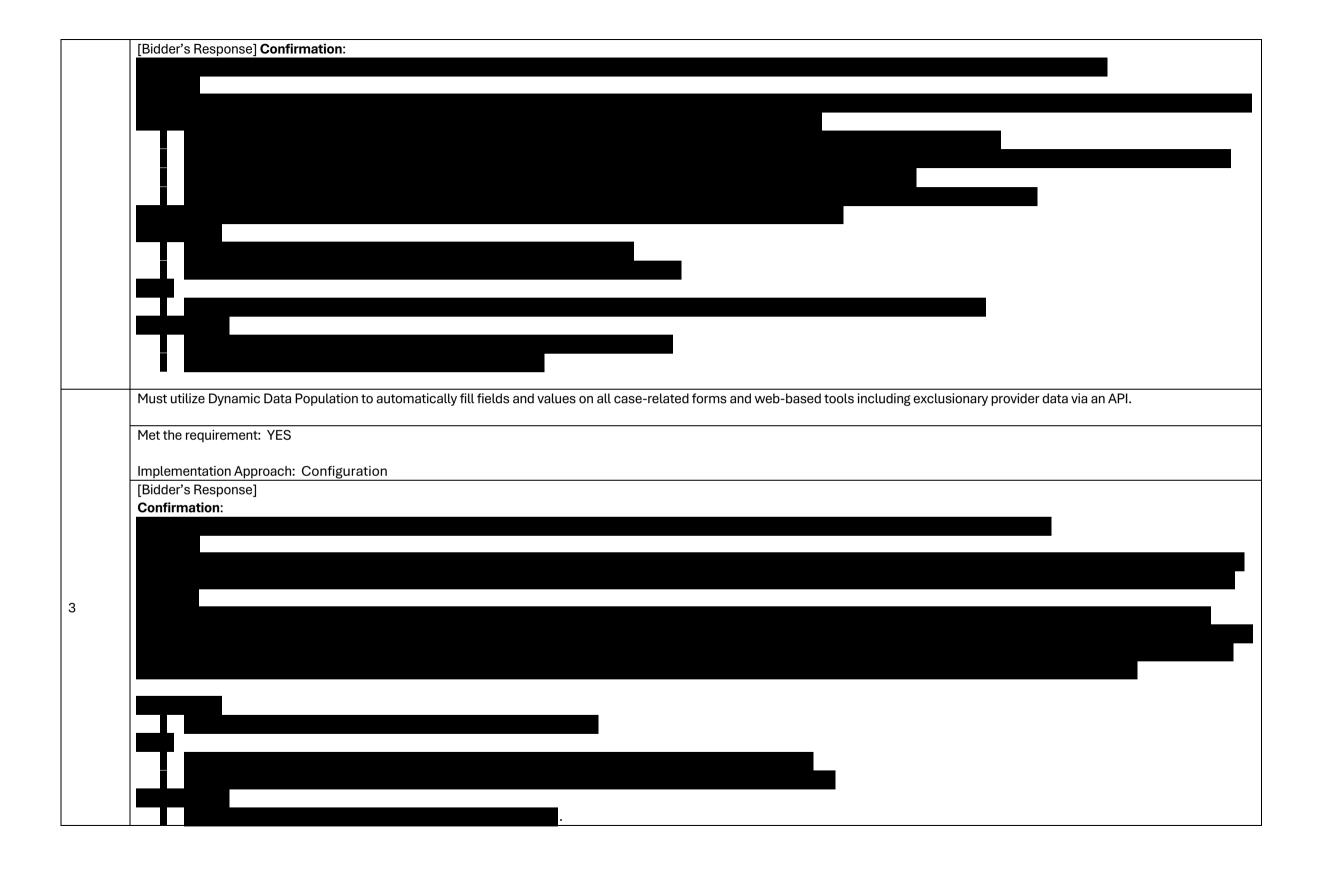
The bidder's response to each requirement must include confirmation and a detailed explanation for the Implementation Approach taken. Bidders shall capture any assumptions, risks, or dependencies related to fulfilling each individual requirement.

Bidders shall provide specifics, such as:

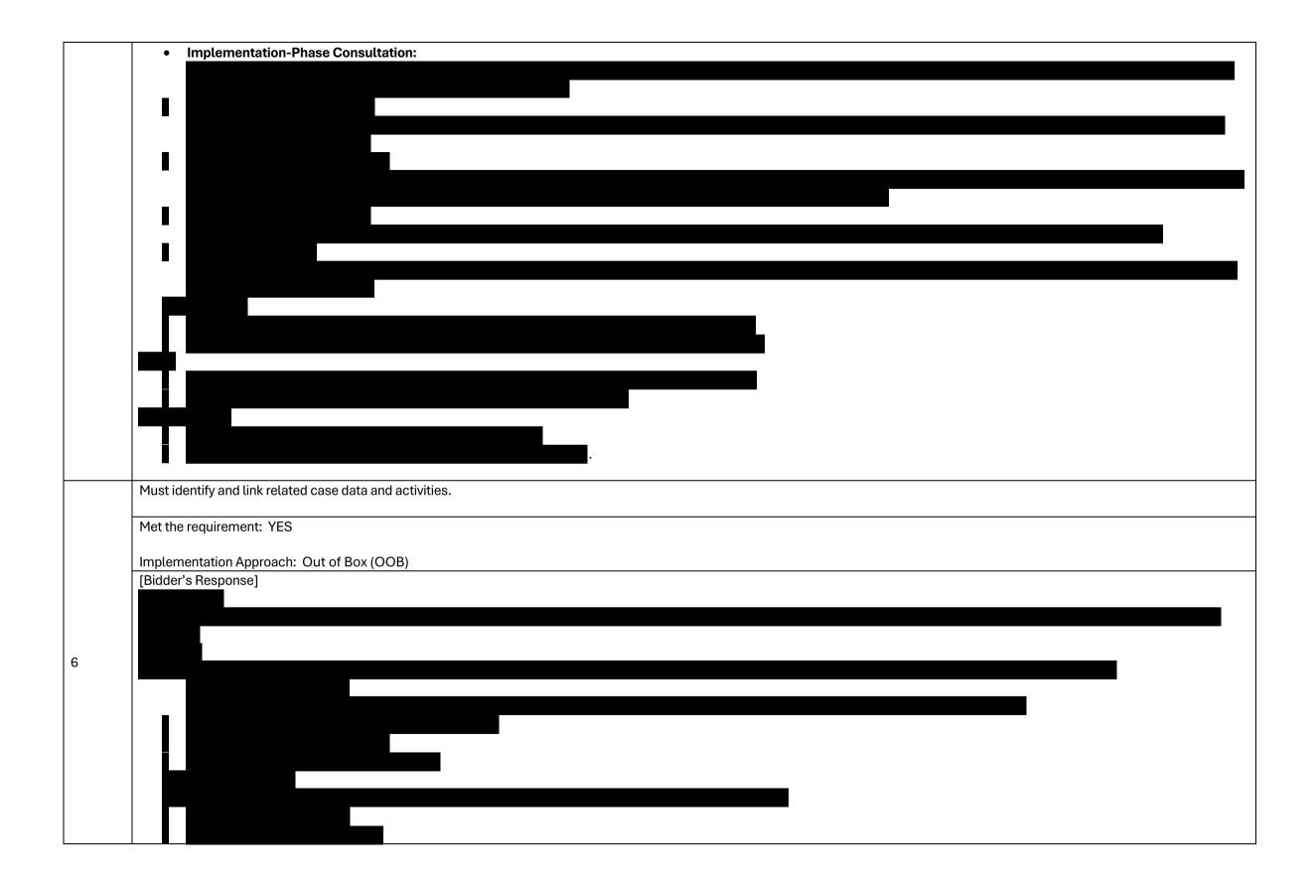
- Tools or methods used.
- Estimated effort for customizations/configurations.

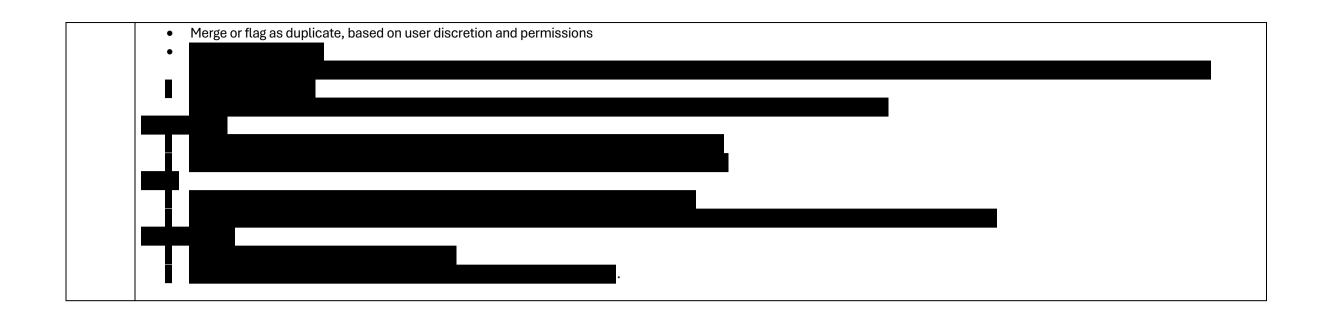






	Must have access to internal and external agency databases to extract data to pre-populate index fields, and/or values (e.g. MMIS, provider data, MMIS member data, Electronic Health Records). Interfaces between State Vendors for data will be arranged to facilitate the pre-population.
	Met the requirement: YES
	Implementation Approach: Configuration
	[Bidder's Response] Confirmation:
4	
	Must suggest and supply data and information from other sources to pre-populate values (address, licensure).
5	Met the requirement: YES
	Implementation Approach: Configuration
	[Bidder's Response]

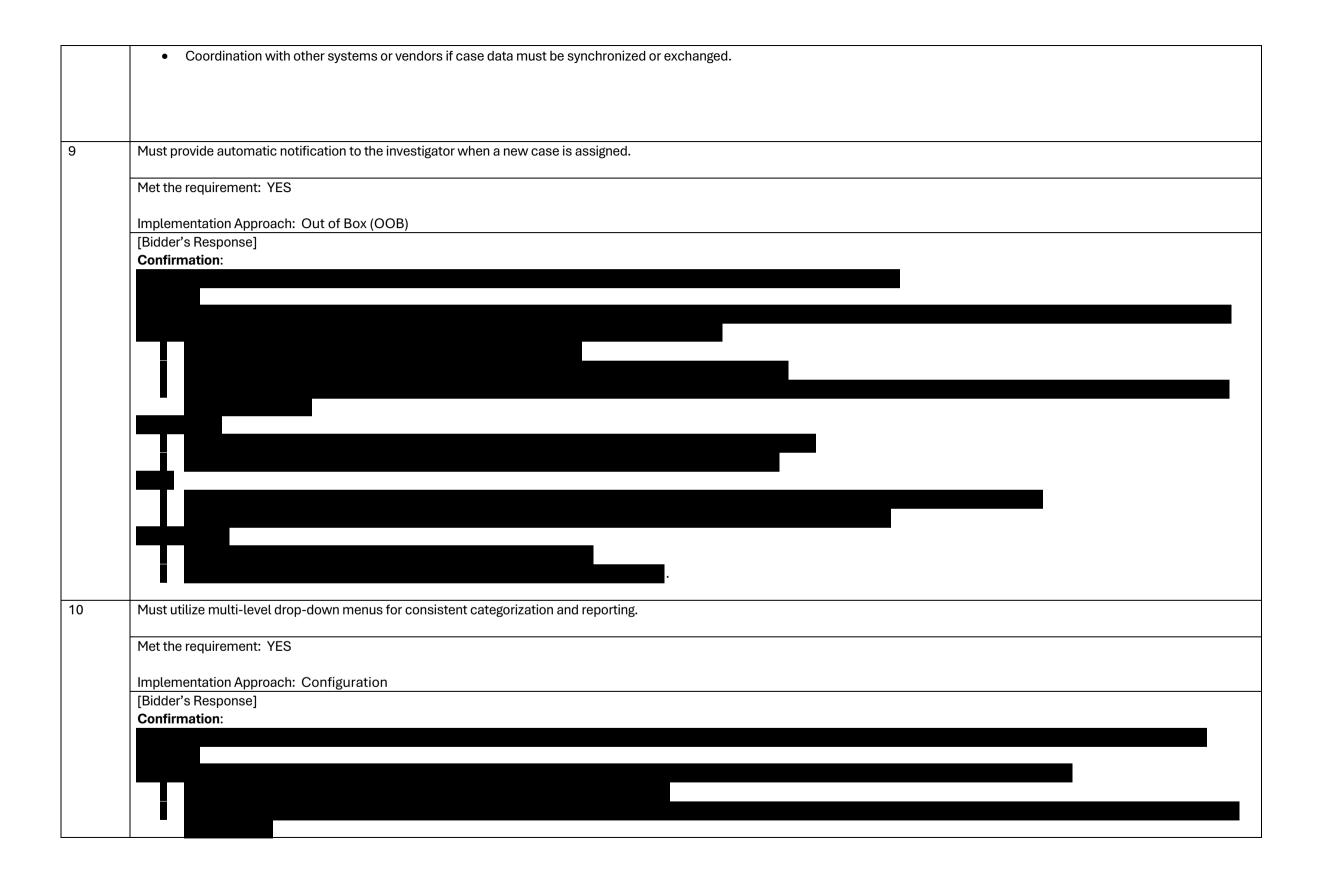


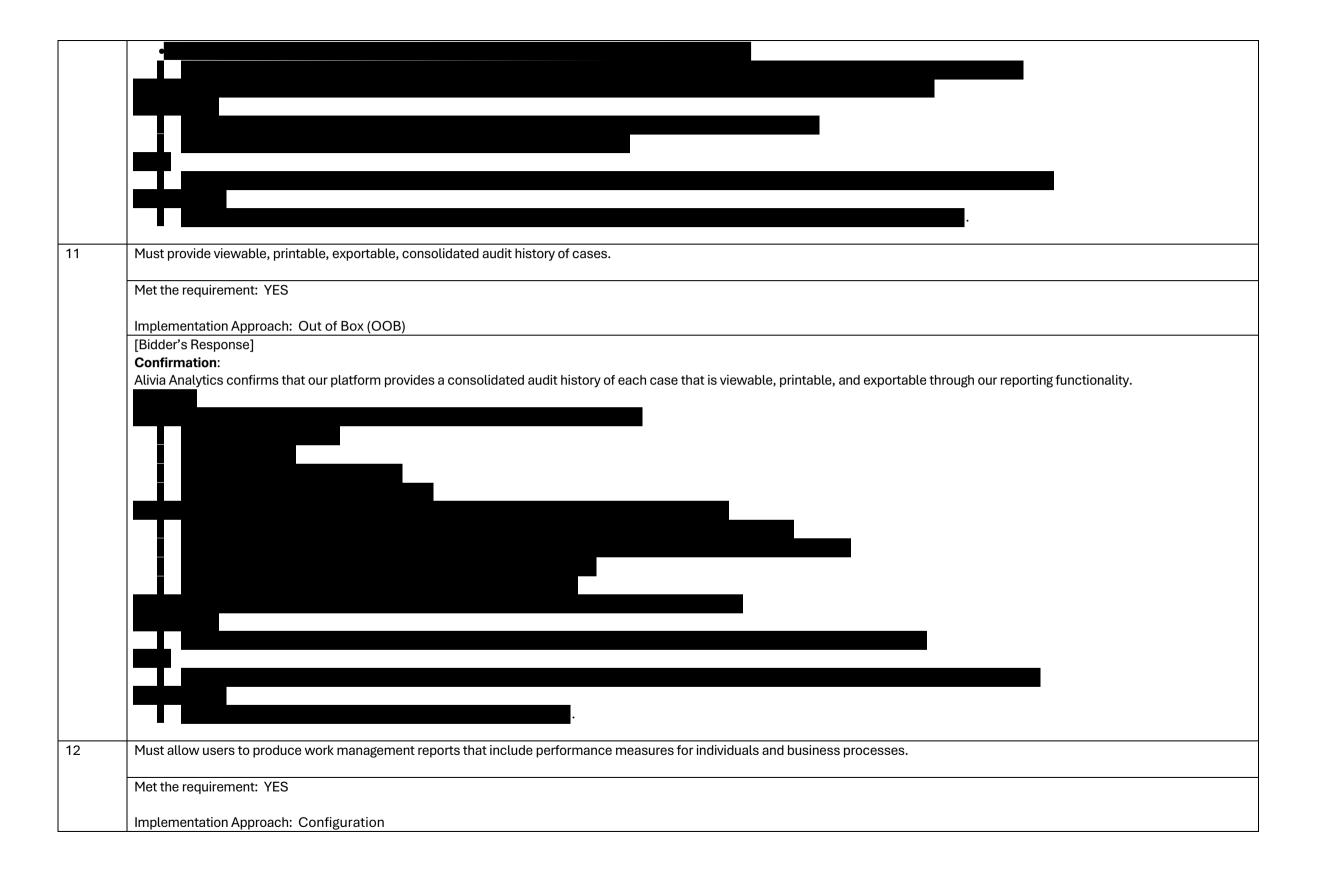


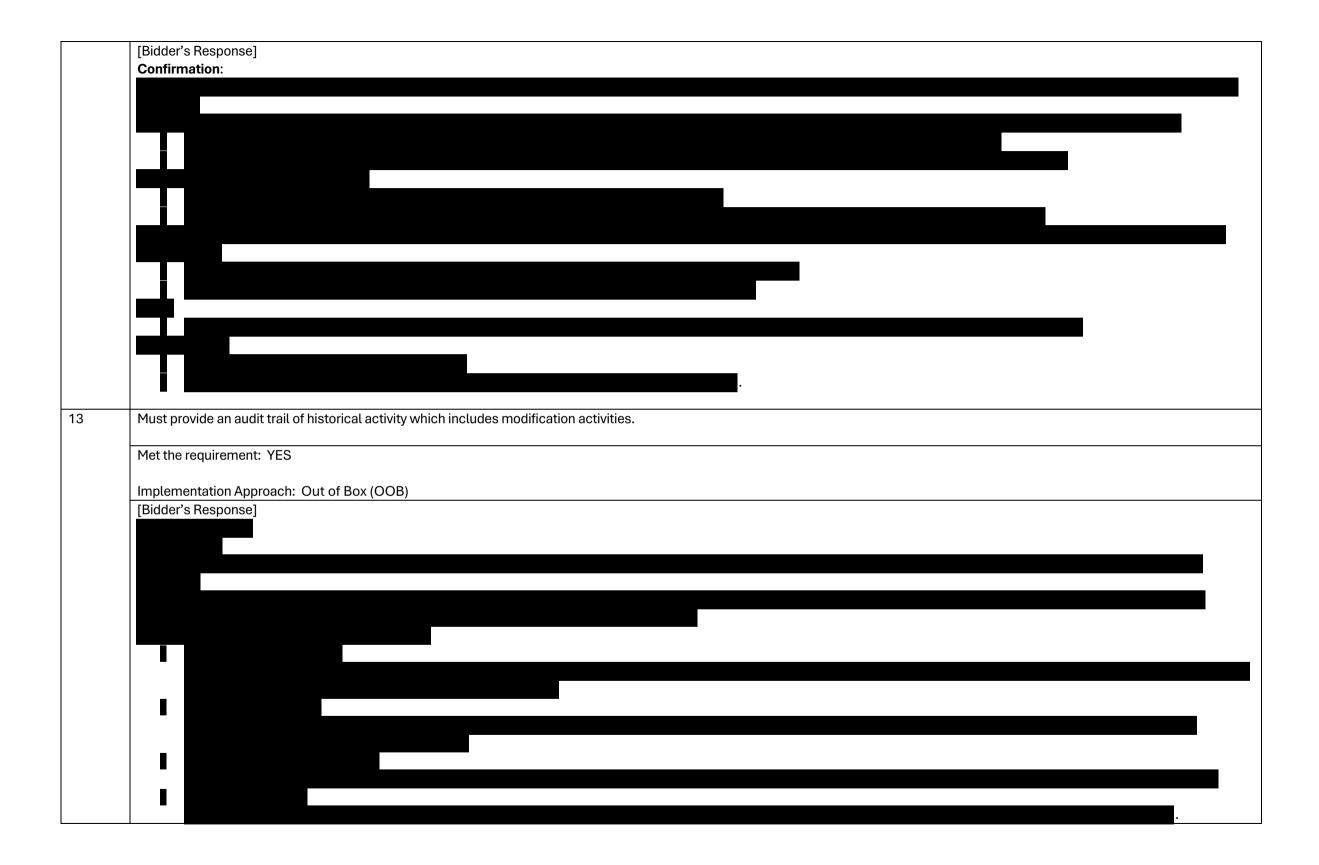


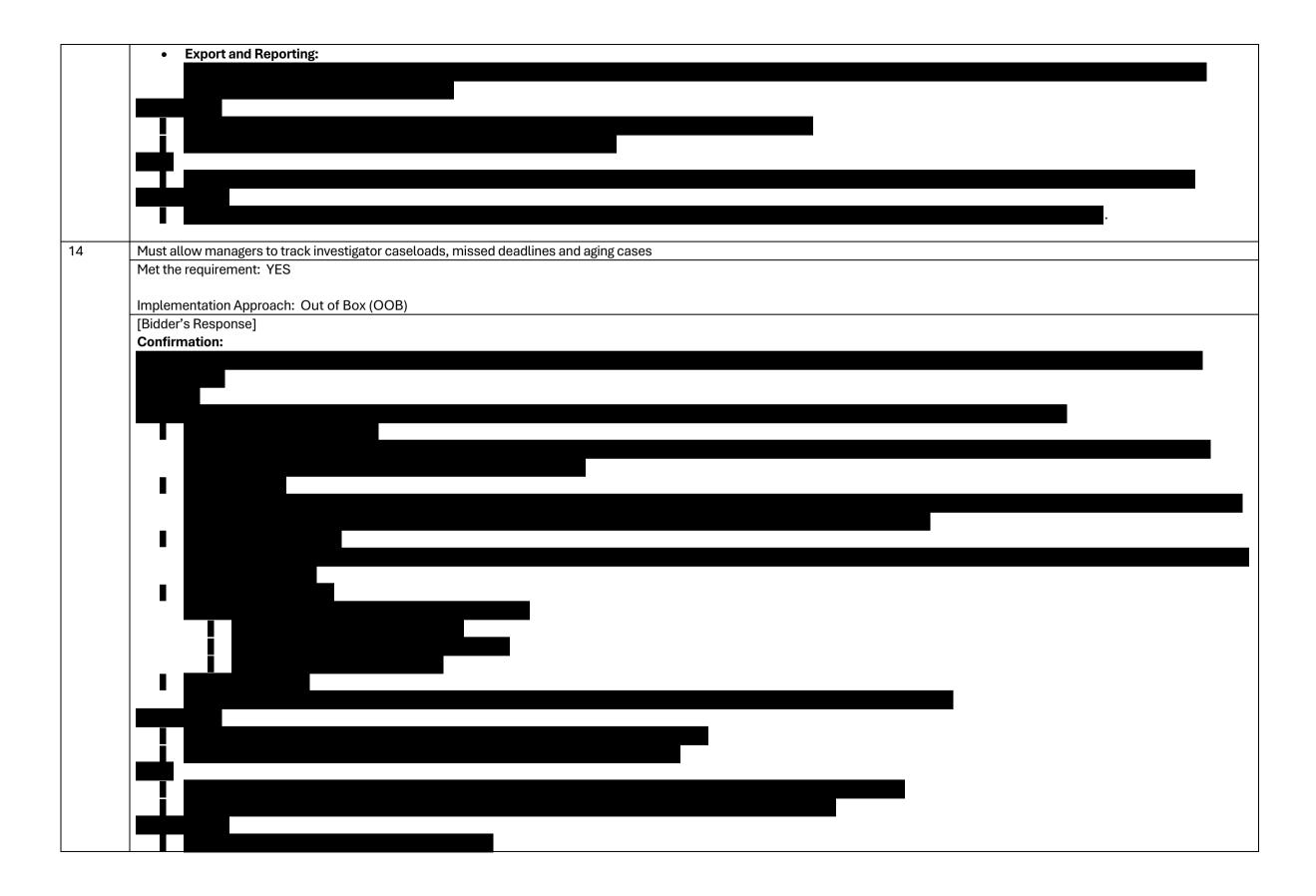
Implementation Approach: Out of Box (OOB)

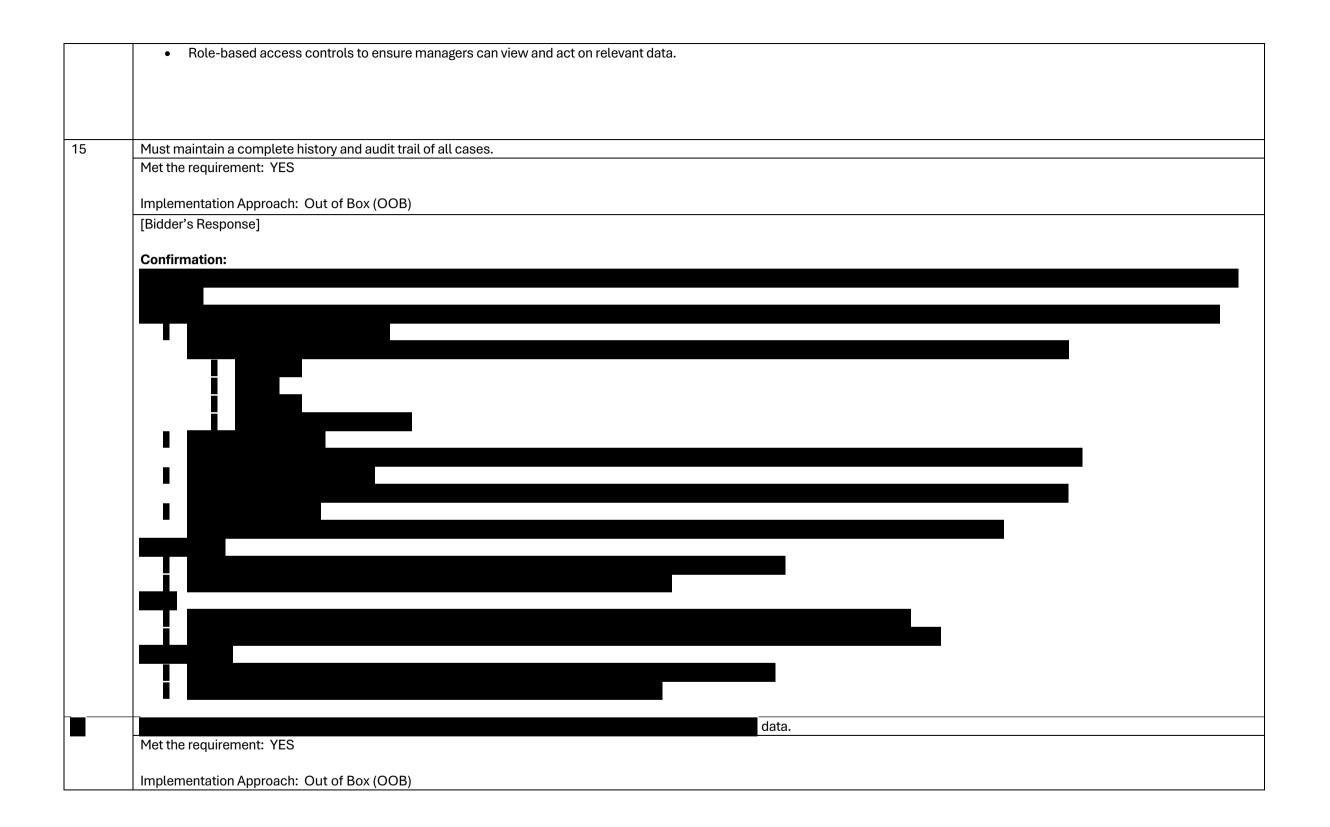


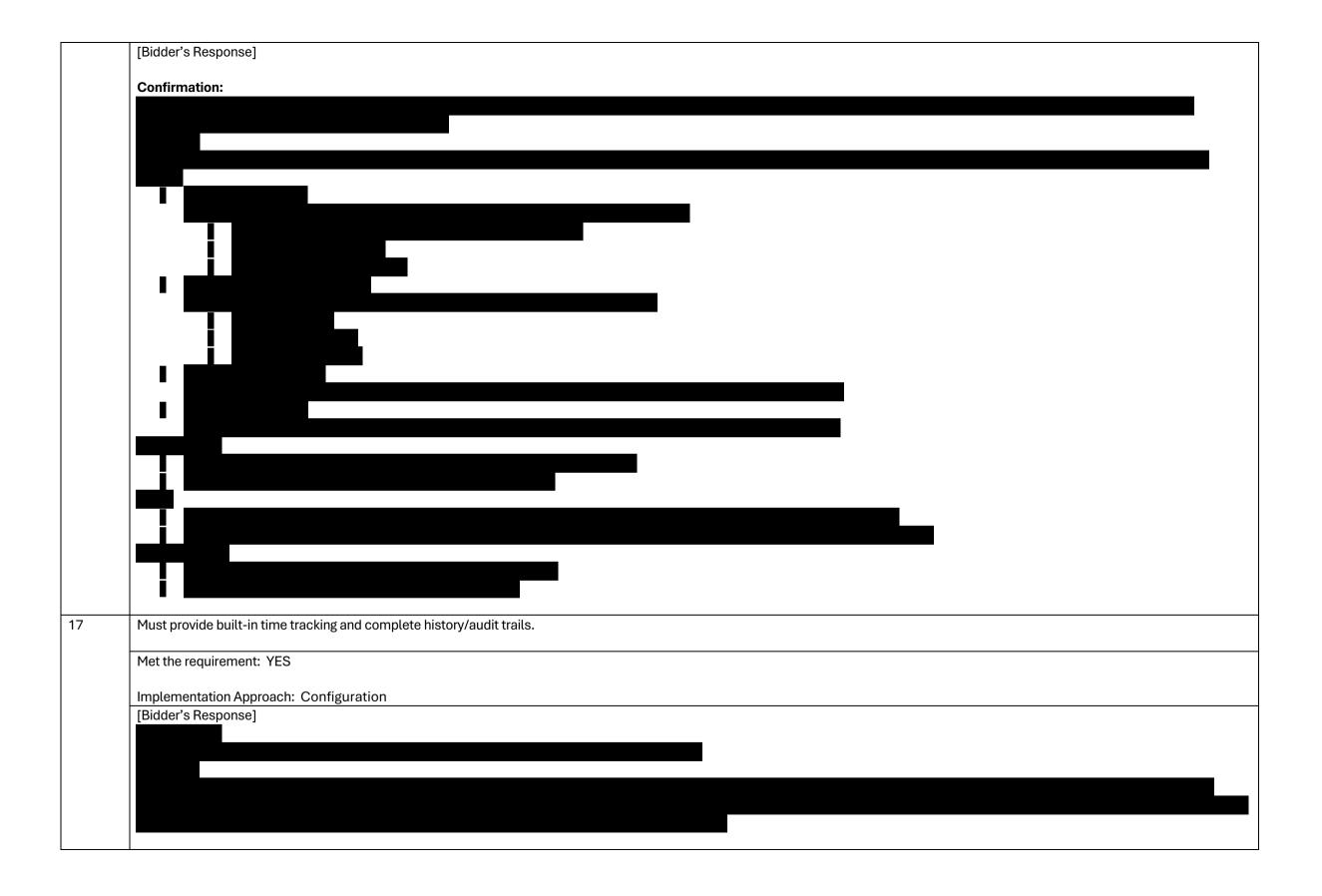


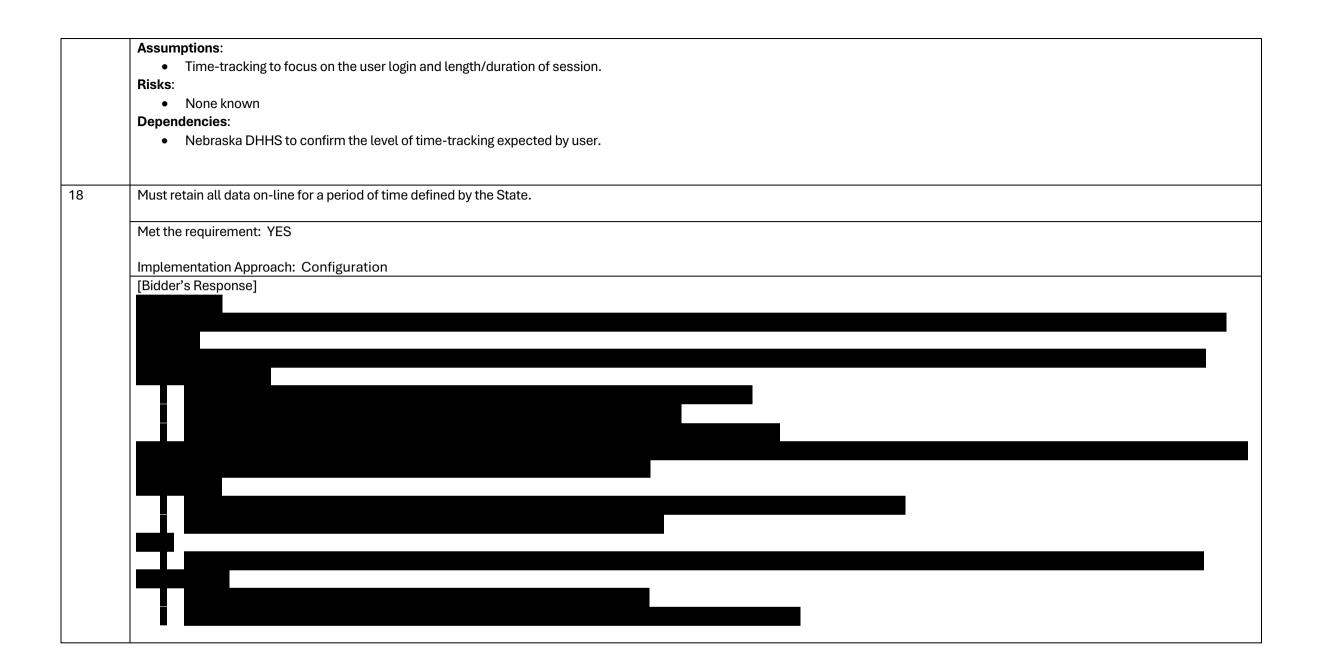












PROGRAM INTEGRITY - GENERAL

Number Requirement Description

Must provide a configurable rules engine that identifies potential incidents of fraud, waste, abuse, and erroneous payments. The system must facilitate automated monitoring and analysis, enabling proactive intervention while supporting seamless configuration and rapid implementation of new rules or modifications to existing rules to address evolving program integrity requirements.

Met the requirement: YES

Implementation Approach: Configuration



Must develop, update, and maintain a comprehensive algorithm library throughout the contract's duration, evolving to accommodate industry changes and emerging fraud patterns. This library must support contributions from State staff, the Vendor, and program integrity experts to ensure adaptability.

Met the requirement: YES

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Implementation Approach: Out of Box (OOB)

[Bidder's Response] **Confirmation:**

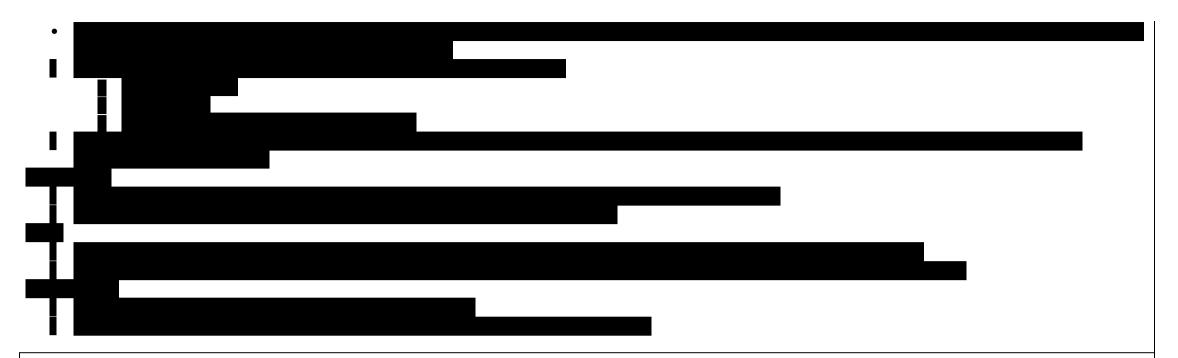
Must incorporate advanced predictive modeling techniques, leveraging historical data to forecast outcomes and provide early warnings of potentially fraudulent activities. Predictive modeling must be integrated to enhance proactive fraud detection and prevention, enabling early warning systems for timely fraud detection and mitigation of fraud, waste, abuse, and erroneous payments.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]

Confirmation:

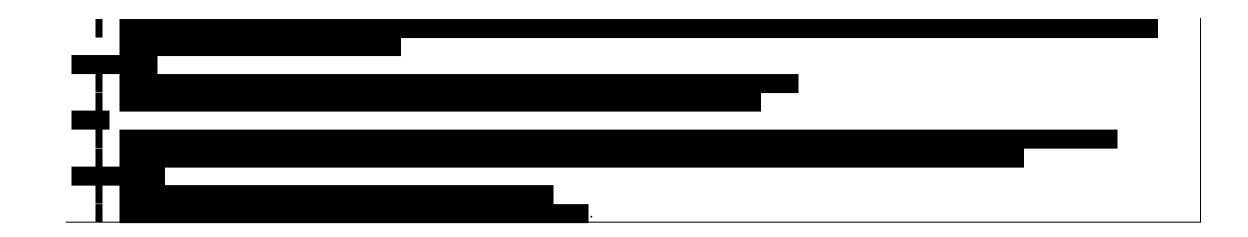


Must provide details of any Artificial Intelligence (AI) and Machine Learning (ML) algorithms and or methodology that is used to support the program integrity requirements. Additionally, vendor must provide details on how their AI approach ensures transparency and explainability in fraud detection decisions.

Met the requirement: YES

Implementation Approach: Configuration

[Bidder's Response]





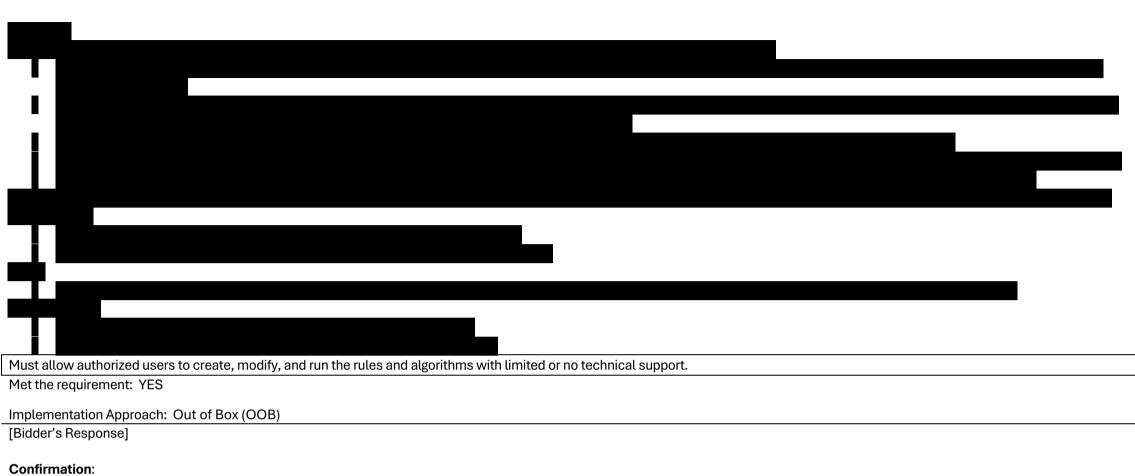
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Implementation Approach: Configuration

[Bidder's Response]

Confirmation:

and









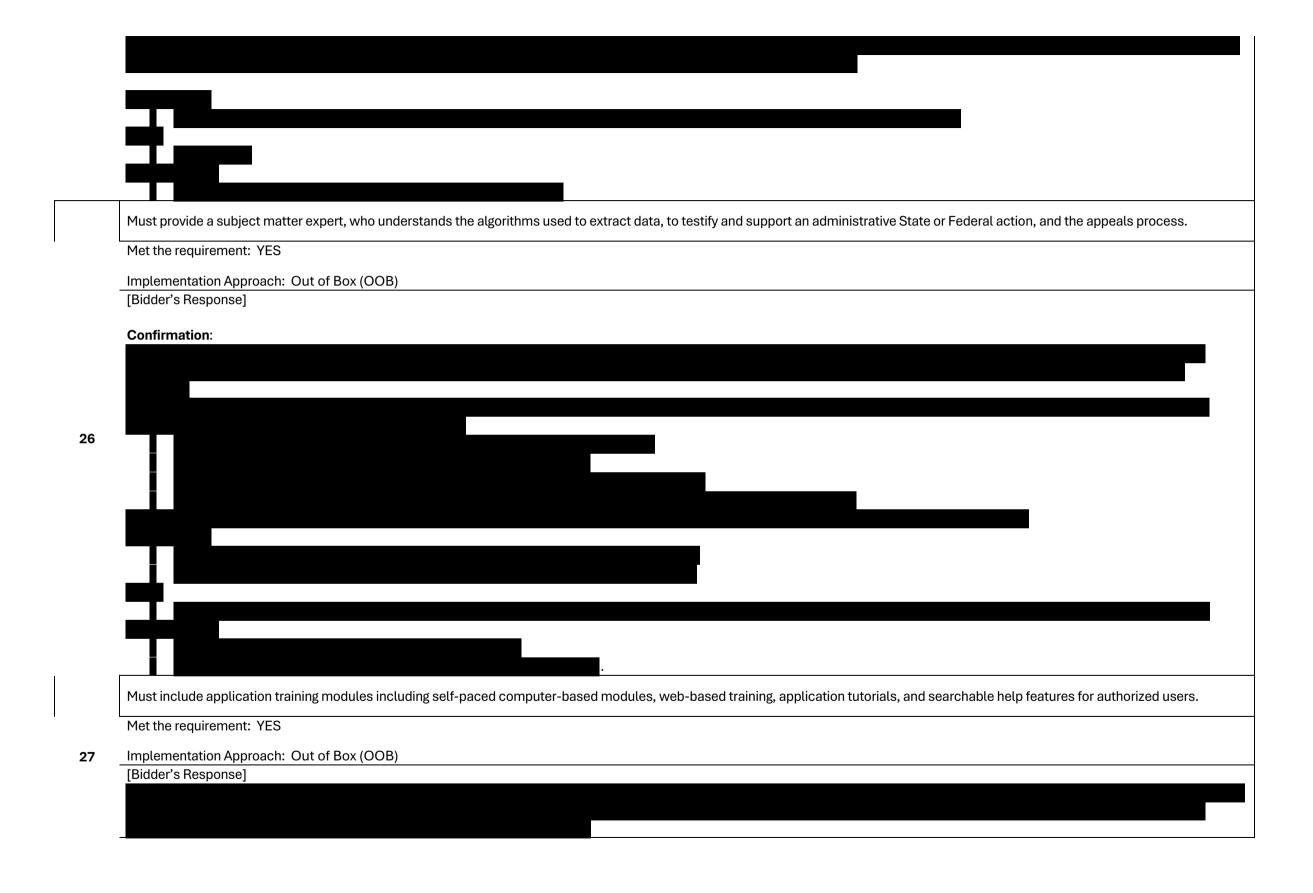


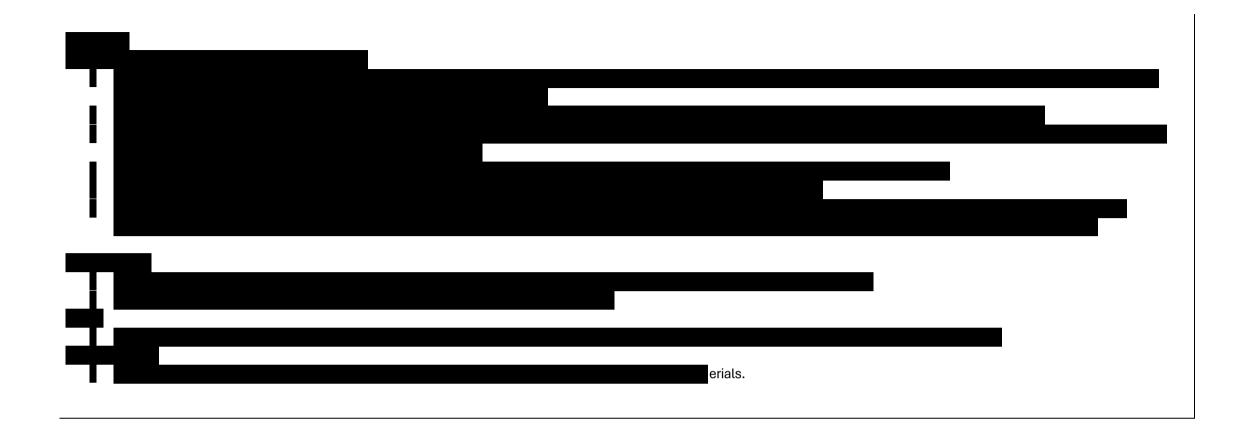
Must incorporate sophisticated link analysis capabilities to uncover complex relationships among providers and members. It must extend beyond provider-to-provider relationships and detect interwoven networks, such as clustered providers, interconnected members, shared addresses, and members acting as providers. These capabilities must facilitate comprehensive fraud detection by identifying hidden patterns and anomalies within the system

Met the requirement: YES

Implementation Approach: Customization

Bidder's Response]







Must implement, maintain and operate a configurable exception reporting algorithms and reports developed in coordination with Department.

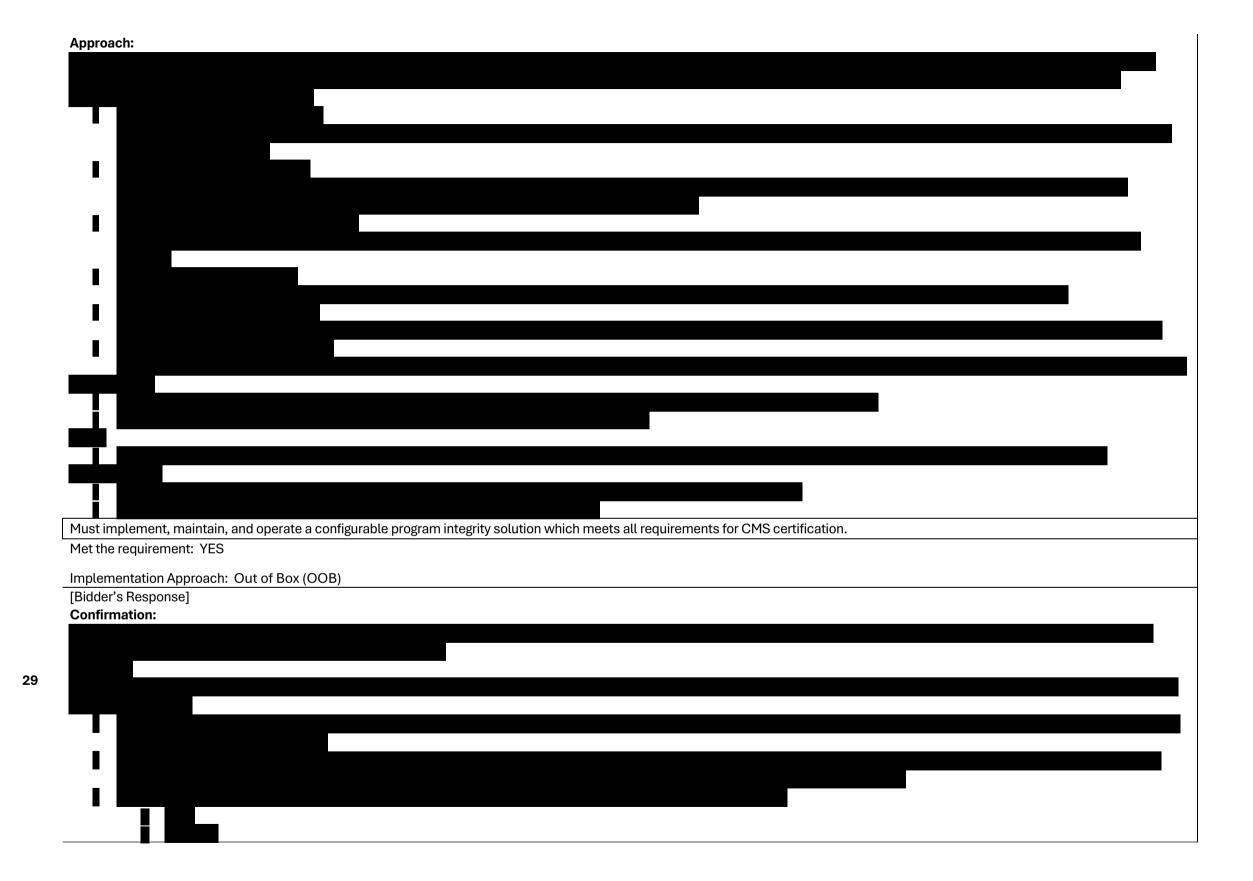
Met the requirement: YES

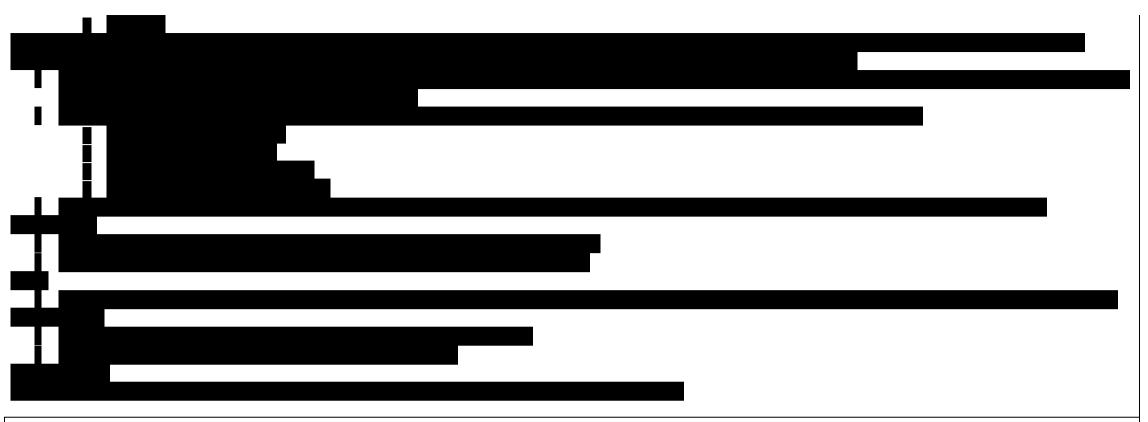
Implementation Approach: Out of Box (OOB)

[Bidder's Response]

Confirmation:

Alivia Analytics confirms that our platform implements, maintains, and operates configurable exception reporting algorithms and reports, developed in close collaboration with the Department.





Must be able to differentiate and profile provider groups, independent/solo providers, and individual providers within group practices.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)



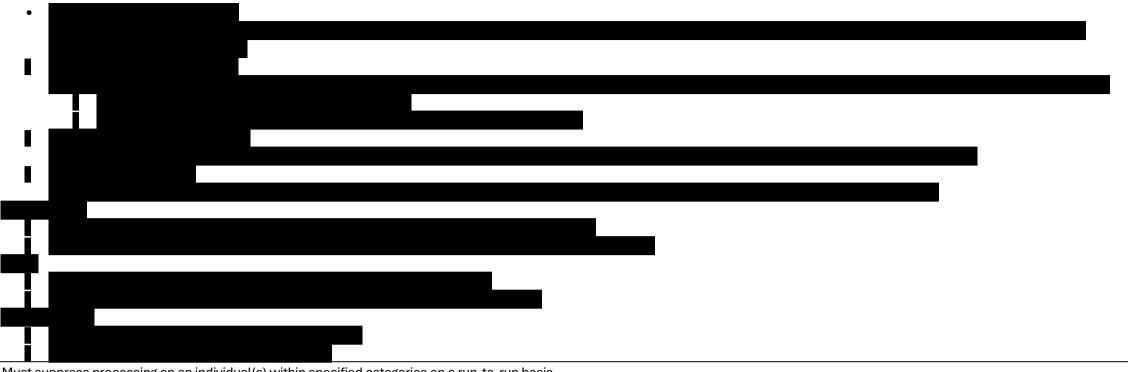
Must perform all analysis using both claims and encounter records.

Met the requirement: YES

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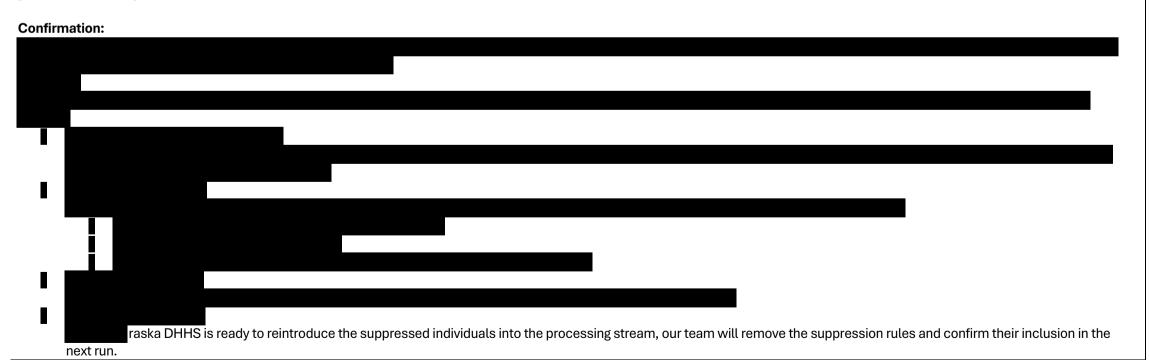


Must suppress processing on an individual(s) within specified categories on a run-to-run basis.

Met the requirement: YES

Implementation Approach: Configuration

[Bidder's Response]





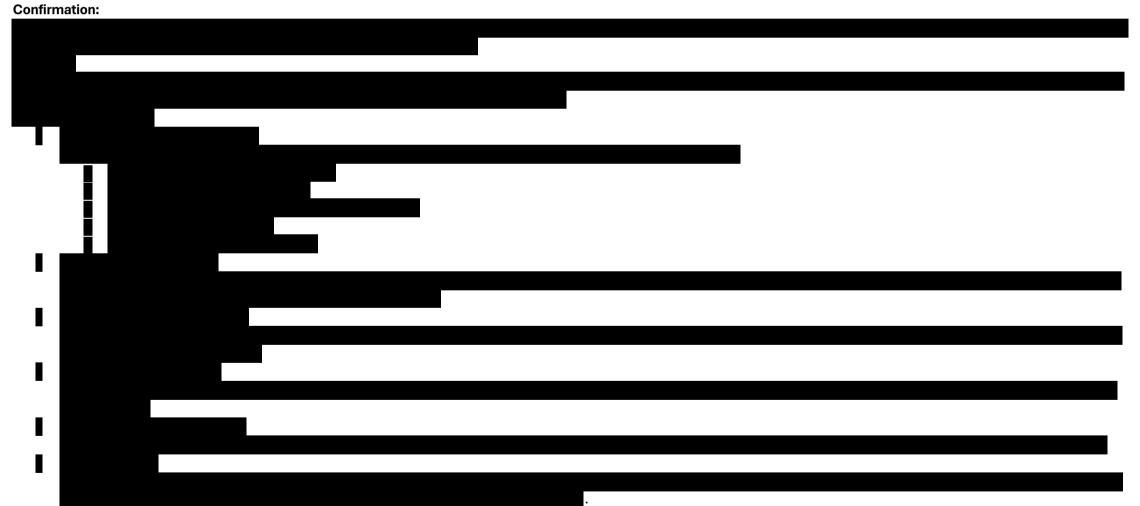
Must support pattern recognition and provide an automated fraud and abuse profiling system for the ongoing monitoring of provider and member claims to detect patterns of potential fraud, waste, abuse and excessive billing.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]

Assumptions:



- Nebraska will provide access to claims, encounter, and provider/member data feeds.
- The State will define any custom risk indicators or thresholds during implementation.

Risks:

• Incomplete or delayed data feeds may impact detection accuracy. We mitigate this through data quality scoring and automated validation routines.

Dependencies:

- Integration with MMIS, MCO systems, and other MES components.
- Ongoing collaboration with State program integrity staff to refine detection logic and workflows.

Must update all reference data based on a schedule agreed upon with State. (e.g. claims, provider, member)

Met the requirement: YES

Implementation Approach: Out of Box (OOB)



Must recommend members for referral to restricted access programs.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)



Must perform "absence of" scenario analysis (examples include inpatient hospitalizations or prescriptions with no physician visit, durable medical equipment with no relevant diagnosis).

Met the requirement: YES

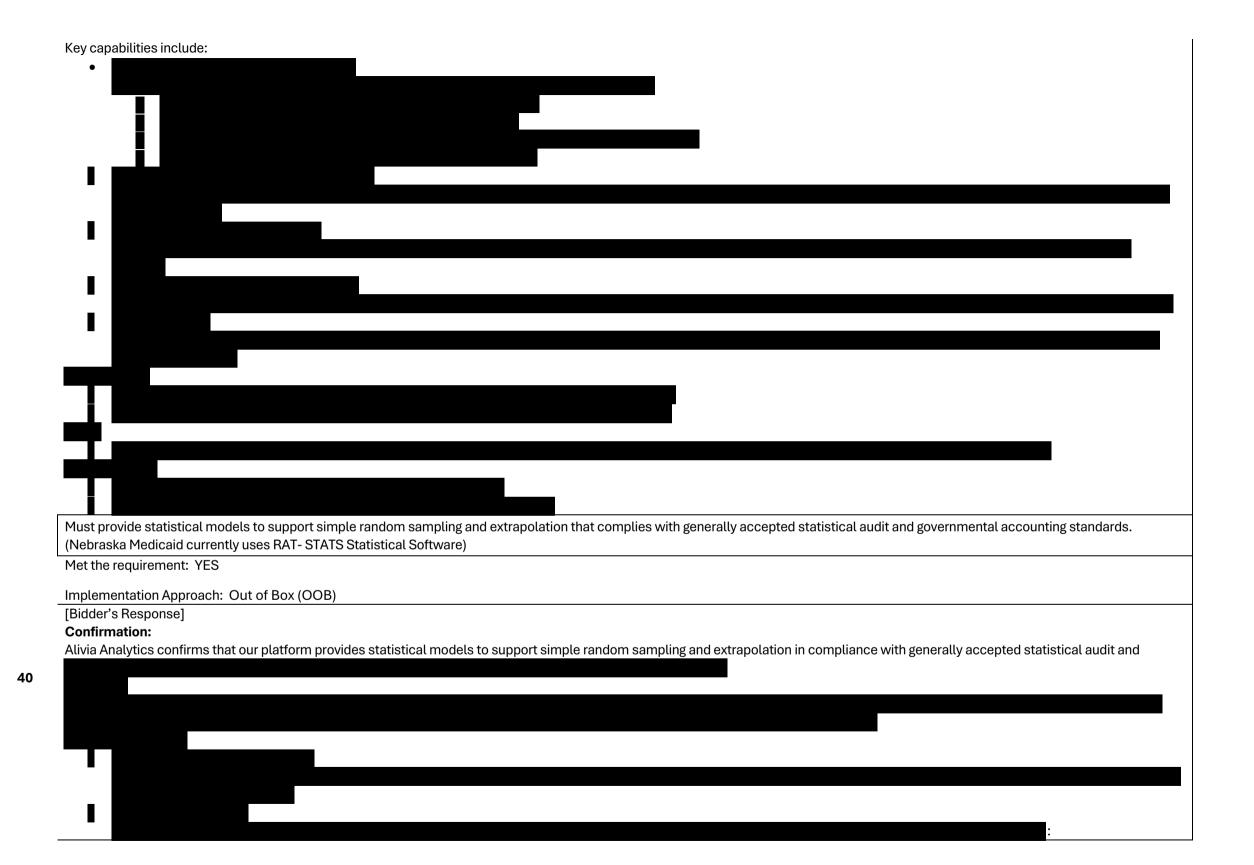
Implementation Approach: Out of Box (OOB)

[Bidder's Response]

Confirmation:

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Alivia Analytics confirms that our platform supports "absence of" scenario analysis to detect potential gaps in care, billing inconsistencies, and indicators of fraud, waste, or abuse.

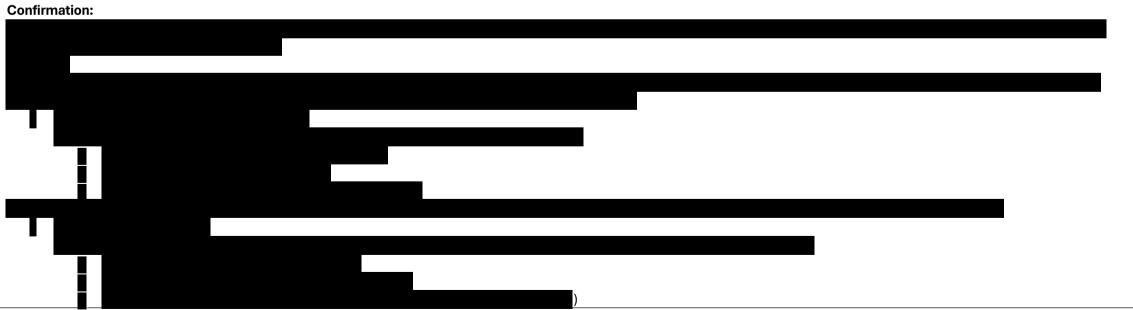




Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]

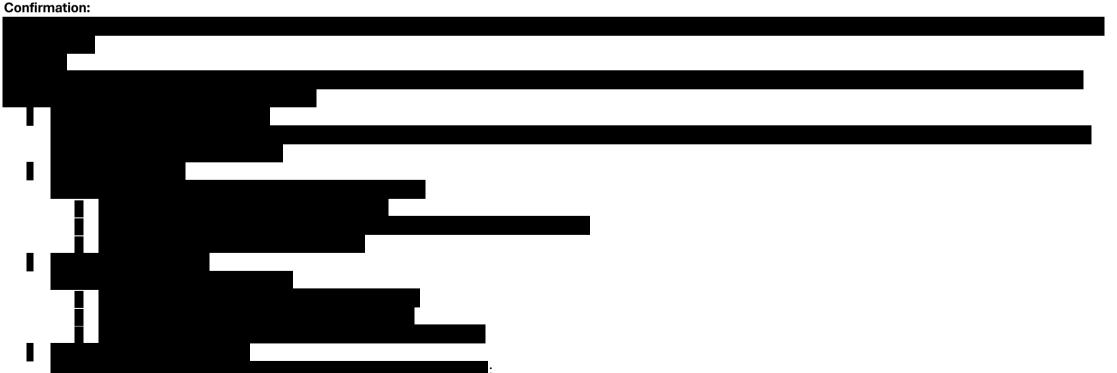


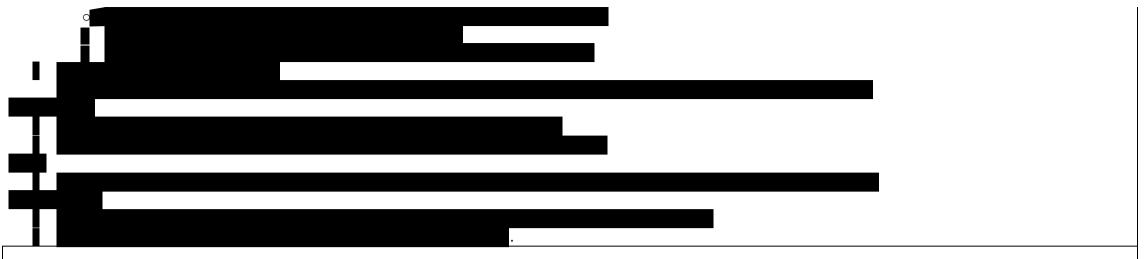
Must provide an intuitive, user-friendly interface that streamlines operations through easy navigation and responsive design, ensuring accessibility from various devices. The interface must adhere to best practices in UI/UX design, including consistency, feedback mechanisms, and accessibility standards (e.g., WCAG 2.1). Additionally, the solution must support personalization features, allowing users to customize dashboards, save frequently used queries, and set personal preferences. Guided workflows and tooltips must be available to assist users with complex tasks, reducing the learning curve and increasing efficiency.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]





Authorized users must be able to create, modify, and execute rules and algorithms, generate reports, and utilize results effectively without requiring State or vendor technical support.

Met the requirement: YES

Implementation Approach: Configuration

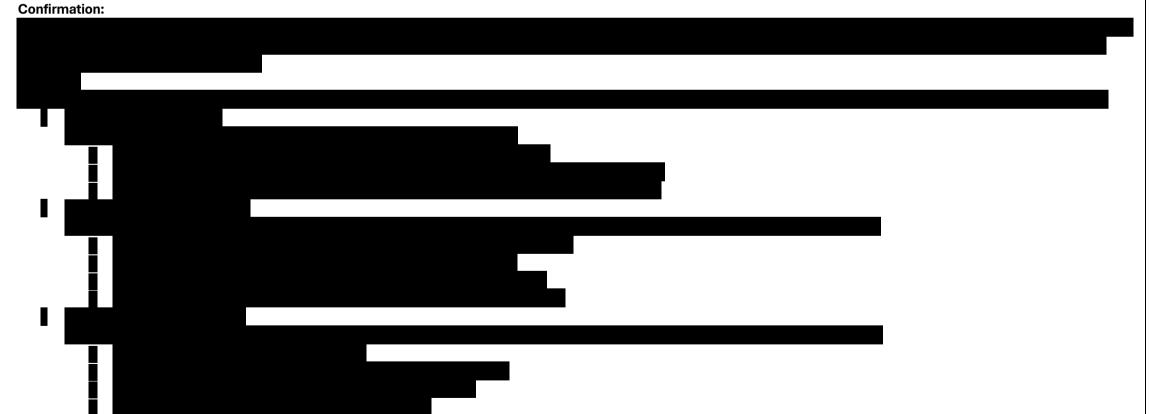


Must provide post-implementation support, including a dedicated helpdesk with tiered support levels, available Monday to Friday, 7 AM to 6 PM Central Time during State business days, with defined response times for issue resolution. Vendor staff must be available to provide direct support for complex issues, ensuring timely assistance.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]



• Direct Access to Experts:

For complex or high-priority issues, Nebraska DHHS will have direct access to Alivia's technical leads, data scientists, and program integrity experts to ensure timely and informed resolution.

Support Portal and Knowledge Base:

Users can submit and track tickets, access documentation, and view system status through our secure online portal.

Assumptions:

Nebraska will designate primary points of contact for support coordination and participate in bi-weekly support meetings.

Risks:

Delays in issue triage or escalation may impact resolution timelines. We mitigate this through automated ticket routing, real-time monitoring, and proactive meeting cadence.

Dependencies:

- Integration with Nebraska's incident management protocols and communication channels.
- Ongoing feedback from users to refine support processes and documentation.

Must support a roadmap for future enhancements, including periodic updates, feature additions, and system upgrades. Vendors must provide a plan for regular reviews and quarterly updates to ensure the system remains aligned with the State's evolving needs. Regular system health checks, performance monitoring, and updates must be part of the support package.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]

Confirmation:

Alivia Analytics confirms that our platform supports a structured roadmap for future enhancements, including periodic updates, feature additions, and system upgrades. We also provide a formal plan for quarterly reviews and continuous system health monitoring to ensure alignment with Nebraska DHHS's evolving needs.

Approach:

Alivia is committed to delivering a solution that evolves with the State's program integrity goals and technology landscape. Our enhancement and support strategy includes:

Product Roadmap and Quarterly Updates:

Alivia maintains a transparent product roadmap that could be shared and reviewed with Nebraska DHHS on a quarterly basis. These sessions would include:

- o Review of recent enhancements and upcoming features
- Prioritization of State-specific requests
- o Feedback on usability, performance, and emerging needs

Bi-Weekly Support Meetings:

In addition to quarterly roadmap reviews, Alivia conducts bi-weekly support meetings with the State to:

- o Discuss product performance and user feedback
- Review model enhancements and detection logic
- o Identify opportunities for innovation and continuous improvement

System Health Checks and Monitoring:

Our platform includes automated system health monitoring tools that track:

- o Application uptime and performance
- Data pipeline integrity
- o Rule execution and model performance
- User activity and system load

Regular health checks are conducted by our support team, and results are shared with the State as part of our operational reporting.

Upgrade and Release Management:

Alivia follows a structured release cycle that includes:

Must be designed to handle increased loads and additional functionalities as the State's requirements grow. This includes supporting new data types, user roles, and regulatory changes without significant system overhauls. At a minimum, the system must allow up to 20 concurrent users to work seamlessly.

Met the requirement: YES

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Implementation Approach: Configuration



Met the requirement: YES

Implementation Approach: Out of Box (OOB)

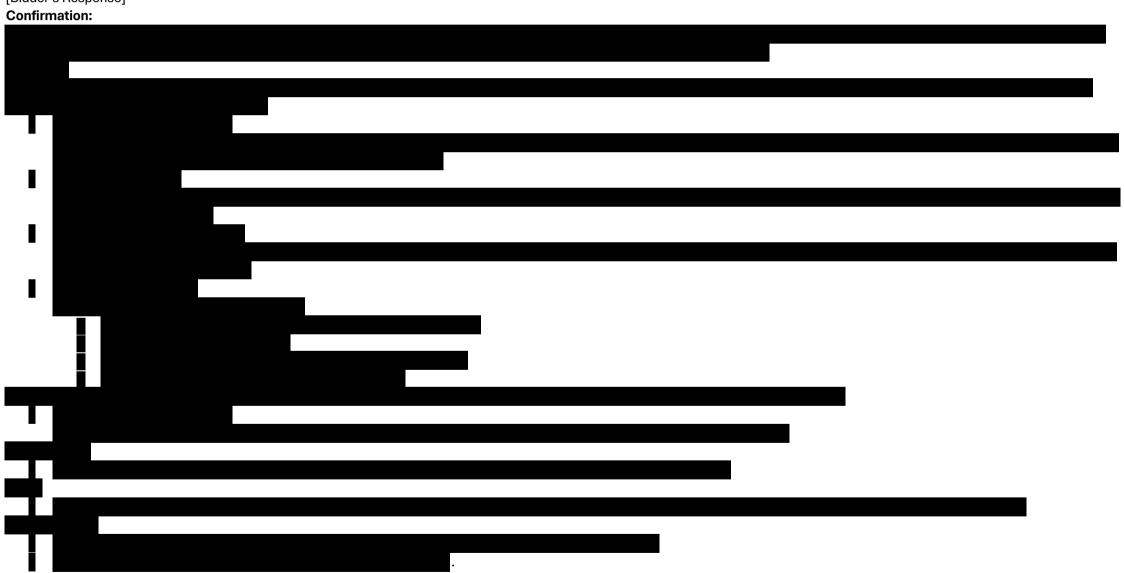


Must be configurable, allowing for modifications in business rules, workflows, and user interfaces without requiring extensive system changes. The solution must be able to adapt to regulatory changes, new fraud detection techniques, and evolving business processes seamlessly.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]



Must provide dashboards and reporting tools that allow customers and other stakeholders to monitor project progress, resource allocation, and risk management. Regular updates must be provided with detailed reports on milestones achieved, issues encountered, and steps taken to address them.

Met the requirement: Choose an item. YES

Implementation Approach: Configuration

[Bidder's Response]

Confirmation:

49

Alivia Analytics confirms that we provide dashboards and reporting tools that enable stakeholders to monitor project progress, resource allocation, and risk management. We also deliver



Must provide data analytic tools to enable accurate, automated data and reporting that will meet changing business and management needs, as well as data mining services to identify previously unrecognized patterns.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]

Confirmation:



Must implement robust role-based access control mechanisms to safeguard sensitive case information. The system must ensure that only authorized users have access to case data, with granular permission settings based on user roles and responsibilities.

Met the requirement: YES

51 Implementation Approach: Configuration

[Bidder's Response]

Confirmation:

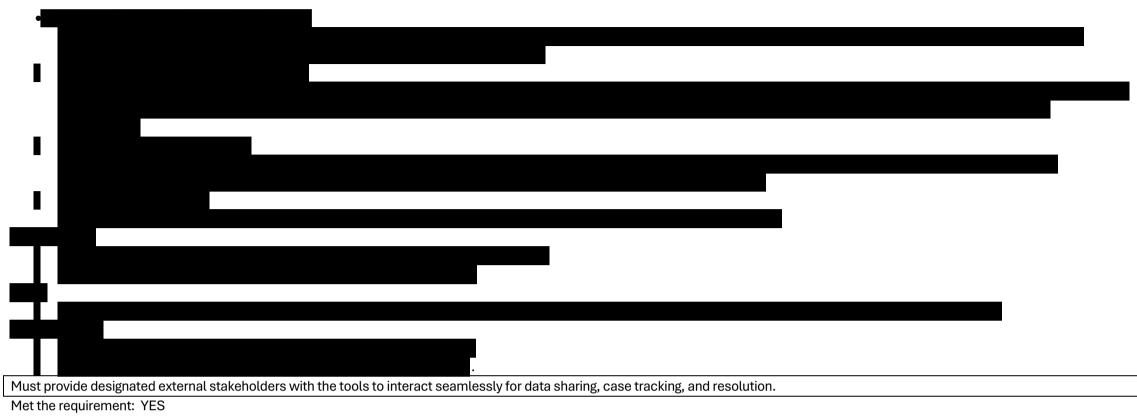


Must include an incident response plan detailing procedures for detecting, reporting, and mitigating security breaches. At a minimum, annual security drills and updates to the incident response plan must be conducted to ensure preparedness.

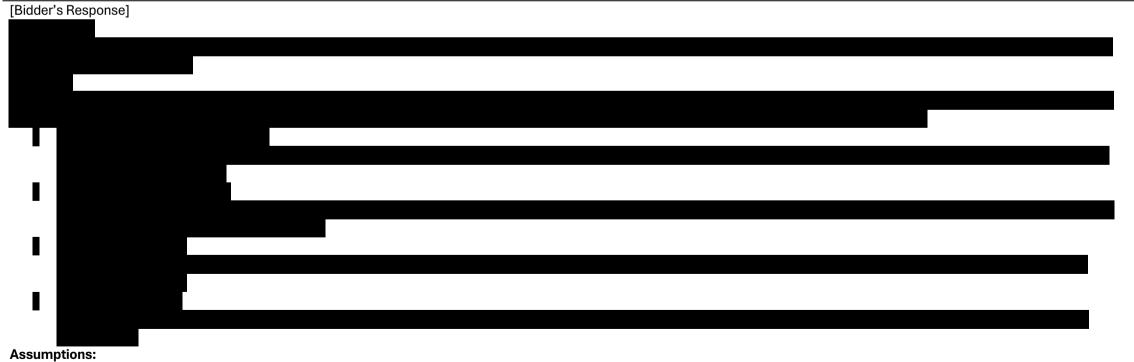
Met the requirement: YES

Implementation Approach: Out of Box (OOB)





Implementation Approach: Configuration



Must support both structured and unstructured data to enhance fraud detection and program integrity efforts. Met the requirement: YES Implementation Approach: Out of Box (OOB) [Bidder's Response] **Confirmation:** Must meet applicable component Service Level Agreements (SLAs) and provide information to the State to monitor the vendor's performance via State-approved media. Met the requirement: YES

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Must allow users to complete case or investigative reports using a pre-formatted report template, auto-populating information from the case file within the system. Met the requirement: YES Implementation Approach: Configuration [Bidder's Response] Bidder's Response Confirmation:	
Implementation Approach: Configuration [Bidder's Response] Bidder's Response Confirmation:	
[Bidder's Response] Bidder's Response Confirmation:	
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Confirmation:	
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Must provide functionality to establish and modify workload distribution to manage workloads on an as needed basis.

Met the requirement: YES

Implementation Approach: Configuration

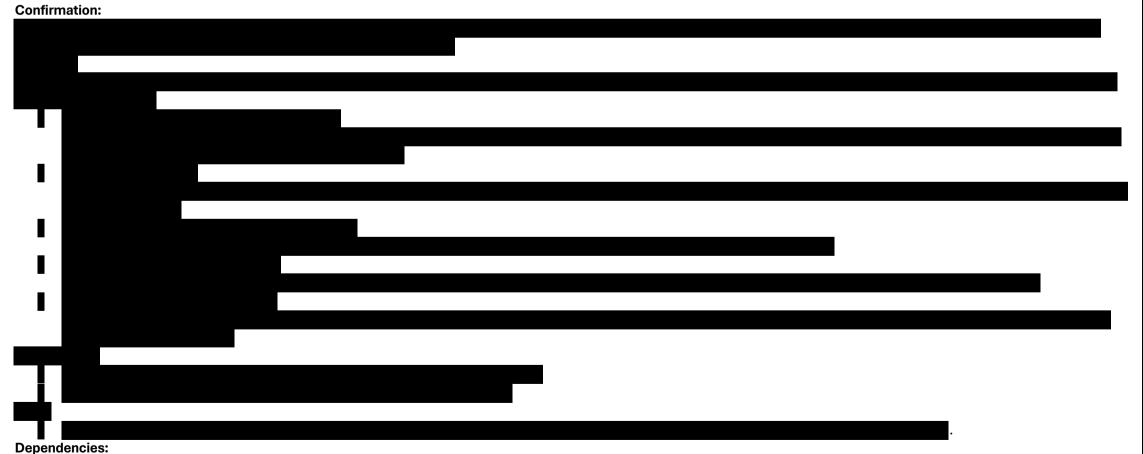


Must modify and adapt case management processes, procedures and functionality to business process changes and maintain up to date functionality with minimal impact to users.

Met the requirement: YES

Implementation Approach: Configuration

[Bidder's Response]



- Access to Nebraska's business process documentation and stakeholder input.
- Coordination with IT and program integrity teams for testing and deployment scheduling.

Must track and manage all case management data, including adverse actions, outcomes, expenditures, payments, receivables, recoupments, and adjustments, in accordance with State guidelines. The solution should integrate a workflow-driven model to ensure seamless tracking, assignment, and management of case activities, enabling real-time visibility and accountability across all processes. This model must facilitate automated task prioritization, approval hierarchies, and notifications to streamline case management operations.

Met the requirement: YES

Dependencies:

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Implementation Approach: Configuration [Bidder's Response]

- Integration with the State's MMIS, eligibility, and financial systems to ensure accurate and timely data exchange.
- Ongoing stakeholder engagement to refine workflows and approval structures.

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Must provide automated alerts and support customizable workflows for case creation, investigation, and resolution, including user-friendly tools for automated case management.

Additionally, the solution must support the establishment of work queues, allowing in-process knowledge, data, and documentation to flow between workers and across solutions while ensuring compliance with consistent, defined processes. The workflow management tool must orchestrate processes and data between applications, services, and interconnected systems within the State of Nebraska's defined Medicaid Enterprise, enhancing interoperability through standardized interfaces.

Met the requirement: YES Implementation Approach: Configuration [Bidder's Response] **Confirmation:**



Must track and report Accounts Receivable /Accounts Payable (e.g., check numbers, payer, payee, date, amount, and memo).

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]

Confirmation:

Must capture, track, display, and maintain all provider data, including agreement and termination information and historical communications.

Met the requirement: YES

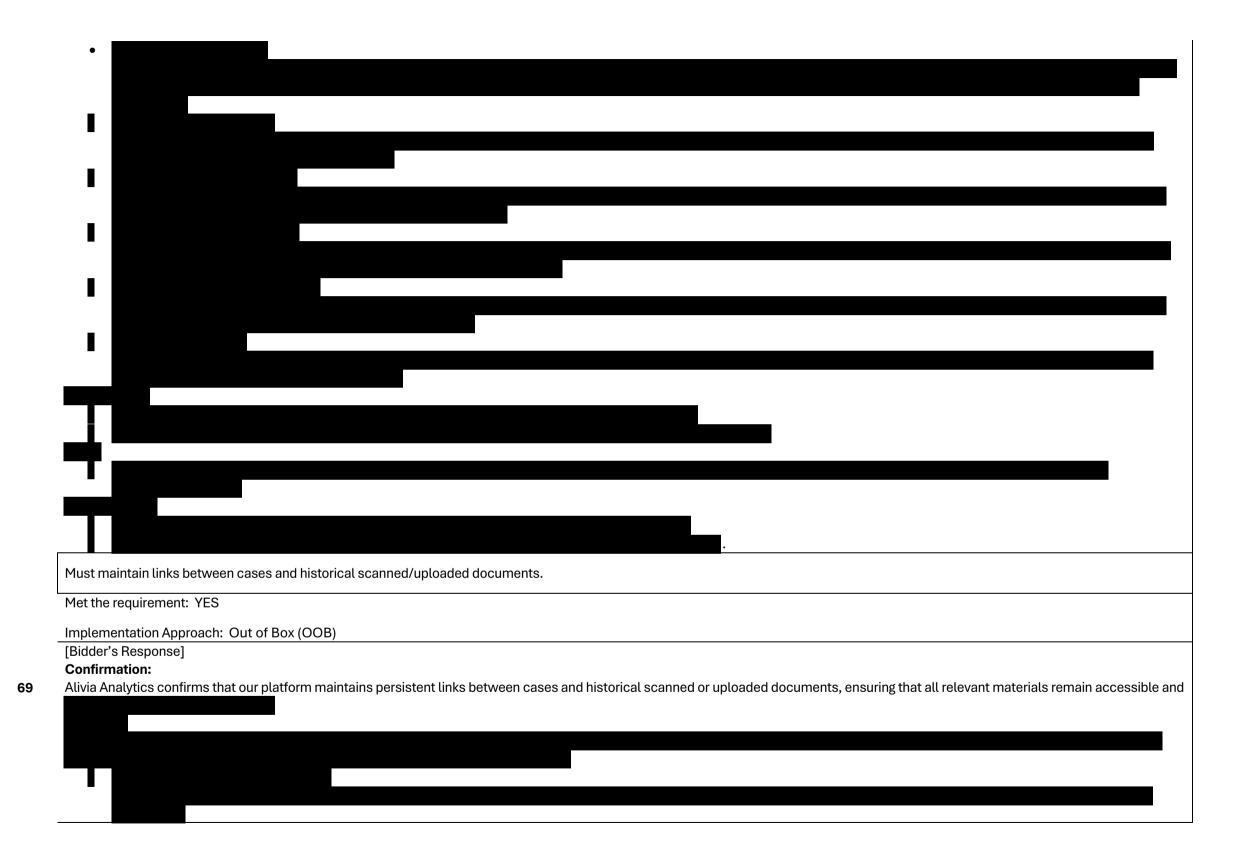
Implementation Approach: Configuration

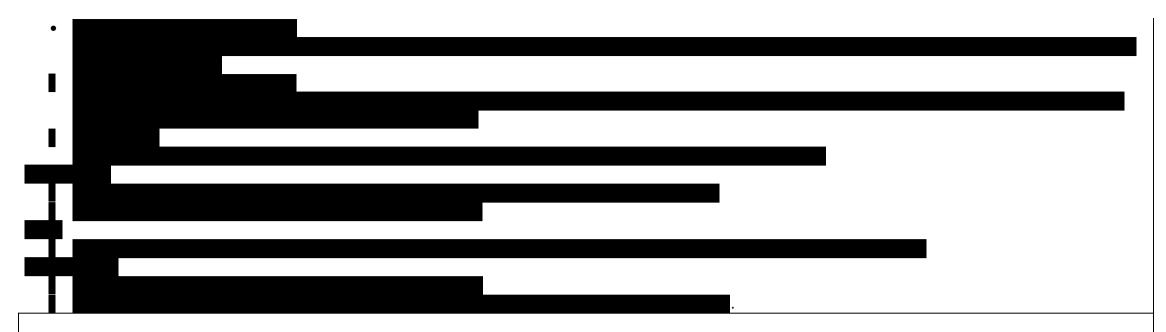
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Must provide letter templates including the use of digital signatures for all case management letters. Met the requirement: YES Implementation Approach: Configuration [Bidder's Response] Must provide configurable tracking for individual cases, multiple cases/projects, and policy recommendations. Each case type has a unique set of fields and events that reflect the unique characteristics and processes for that case. Met the requirement: YES Implementation Approach: Choose an item. Configuration [Bidder's Response] Must provide configurable tracking for individual cases, multiple cases/projects, and policy recommendations. Each case type has a unique set of fields and events that reflect the unique

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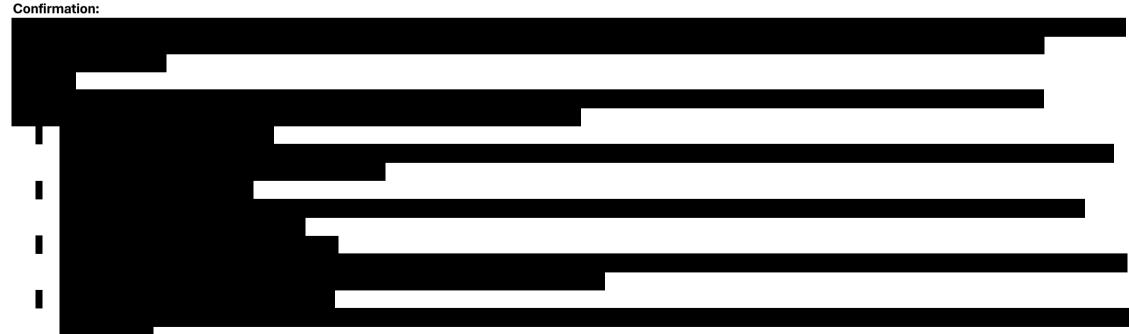


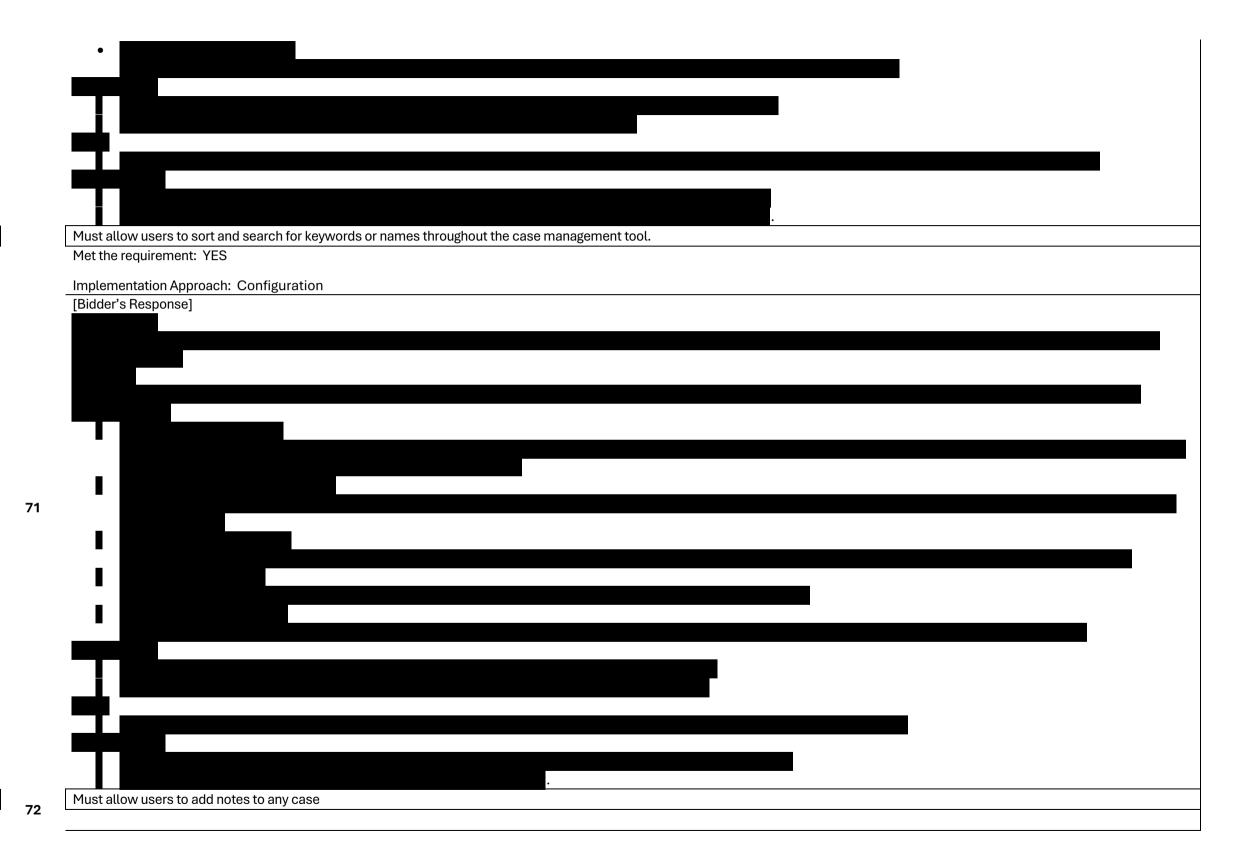
Must provide customized access to cases to ensure case information is only visible to those authorized to see it, based on role level, case type, or other criteria. This will also restrict rights so that certain users can be given "read-only" access to cases and others can edit case files. The system should allow for secure vendor access in a controlled, read-only mode, enabling vendors to review case information without compromising the integrity or confidentiality of the data.

Met the requirement: YES

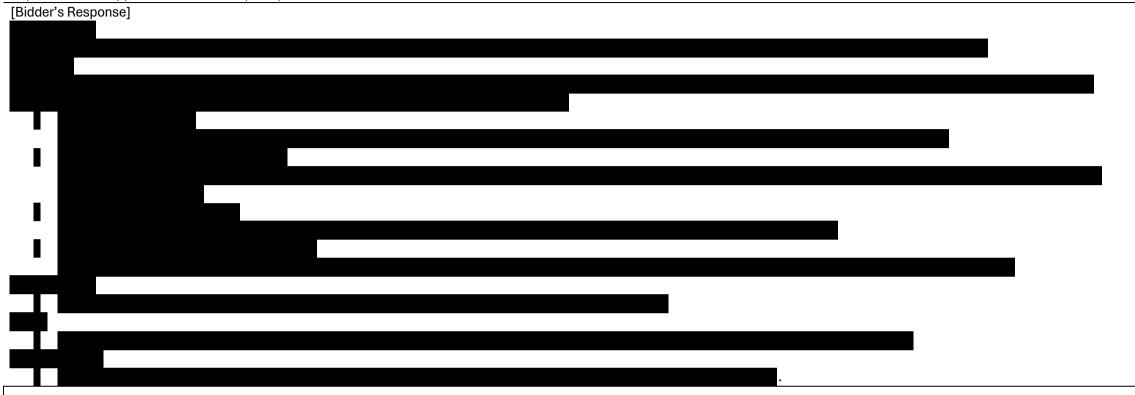
Implementation Approach: Configuration

[Bidder's Response]





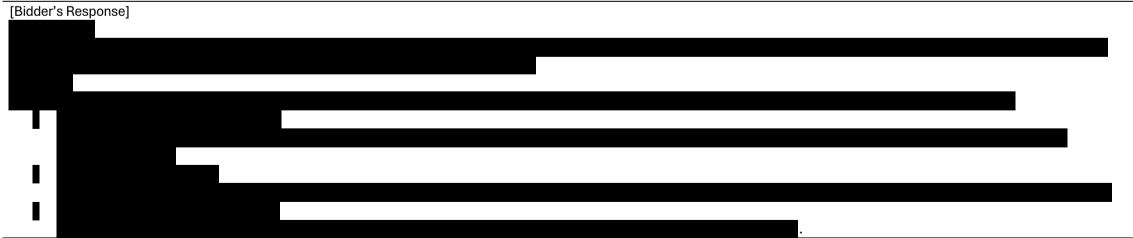
Implementation Approach: Out of Box (OOB)



Must allow users to add files (e.g. spreadsheets, emails, scanned documents, PDFs, audio, photos, videos) to a case as attachments, or upload and assign them to a particular case/project, or multiple cases/projects. Users must also have the ability to remove and/or replace documentation attached to a case.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)





Must allow users to add parties to a case file either manually or by copying from other case files. Met the requirement: YES Implementation Approach: Out of Box (OOB) [Bidder's Response] **Confirmation:** 75 Must conduct a final review of every investigation and ensure a State accepted outcome has been executed before the case is closed. Met the requirement: YES Implementation Approach: Configuration [Bidder's Response] **Confirmation:** Alivia Analytics confirms that our platform allows users to add parties to a case file either manually or by using the provider/member lookup functionality to bring individuals into the case 76

Must communicate actions (e.g. termination, exclusion) and outcomes to the appropriate State system (e.g. Provider Screening & Enrollment, Eligibility and Enrollment System, Special Investigation Unit) and/or investigator(s).

Met the requirement: YES

Implementation Approach: Configuration

[Bidder's Response]





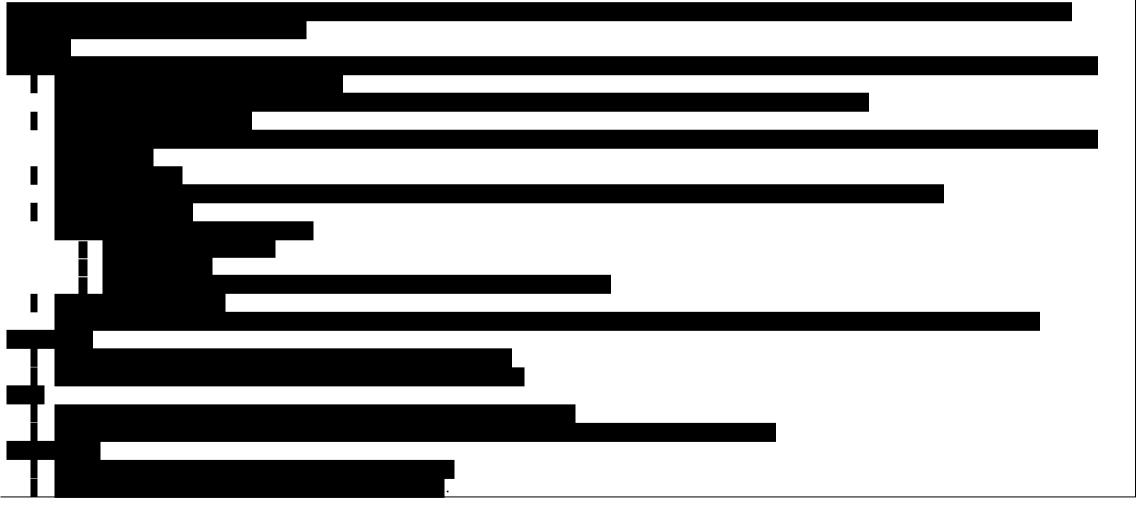
Must provide workflow functionality to enable automated alerts and notifications to designated work queues and processing.

Met the requirement: YES

Implementation Approach: Customization

[Bidder's Response]

Confirmation:

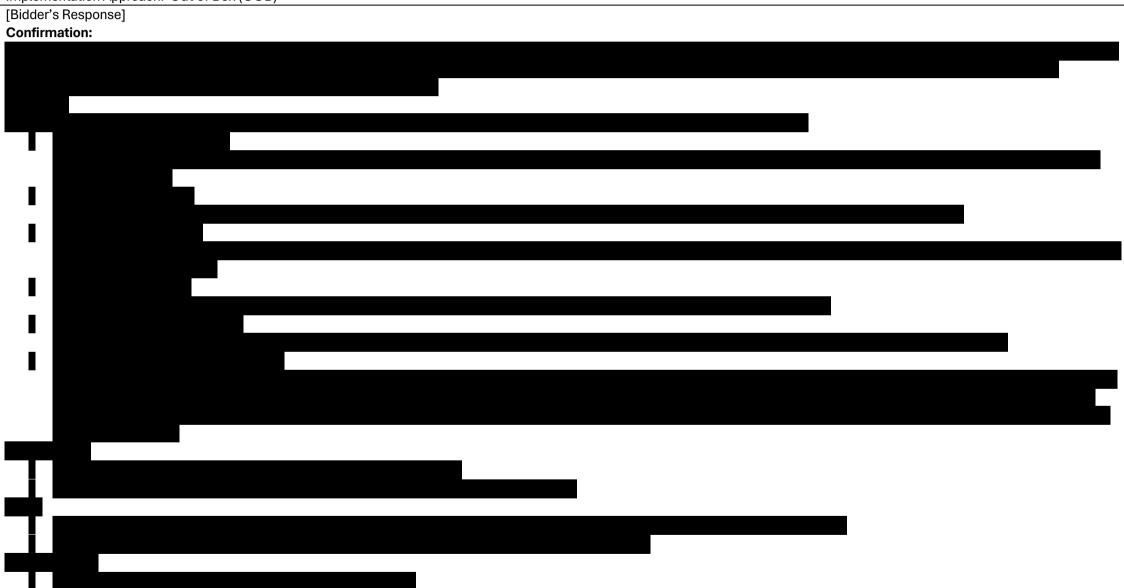


Must provide training to all current and new users initially, upon system upgrades, and whenever processes, procedures, or functionality changes. Training shall be conducted directly by the vendor for State staff and end-users to ensure effective utilization of the PICM/FADS Analytics solution. The training must include self-paced e-learning modules, instructor-led sessions, and hands-on workshops. Training materials must be readily accessible online, regularly updated to reflect system enhancements, and delivered by the vendor to ensure consistency and effectiveness.

Met the requirement: YES

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Implementation Approach: Out of Box (OOB)



Must provide user manuals with updates as appropriate.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]

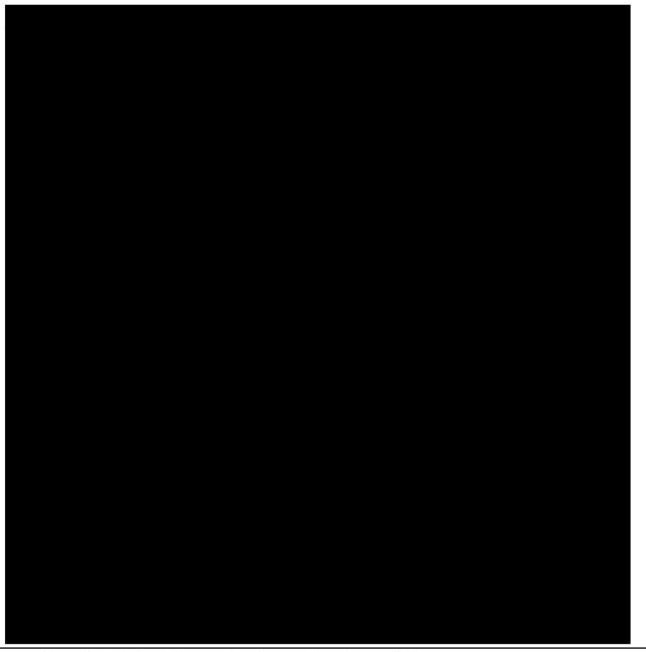
Bidder's Response

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Must provide on-line help for all features, functions and data element fields.

Met the requirement: YES

Implementation Approach: Out of Box (OOB)
[Bidder's Response]

Confirmation:







	-
Must allow for users to see all assigned cases and identify all of their open cases and those which have deadlines that are approaching or have passed.	
Met the requirement: Choose an item. YES	
Implementation Approach: Configuration [Bidder's Response]	
Confirmation:	
include:	



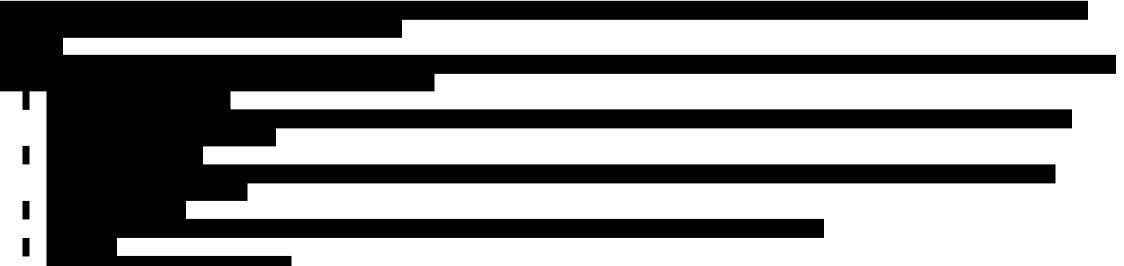
Must enable the simultaneous updating of multiple cases within a project by allowing users to select specific cases from the system, apply a designated activity, and update all selected cases in a single action.

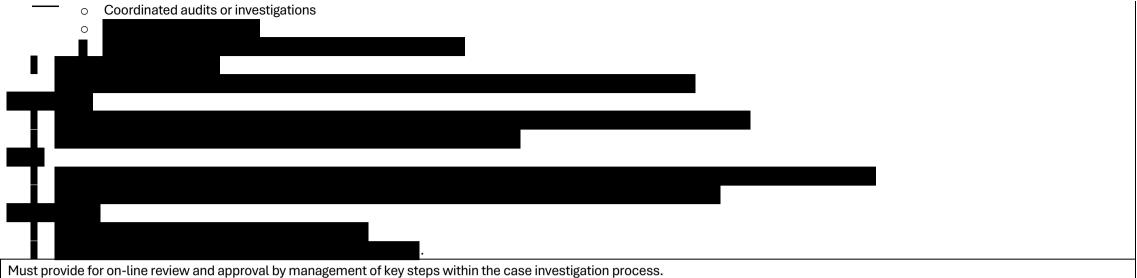
Met the requirement: Choose an item. YES

Implementation Approach: Out of Box (OOB)

[Bidder's Response]





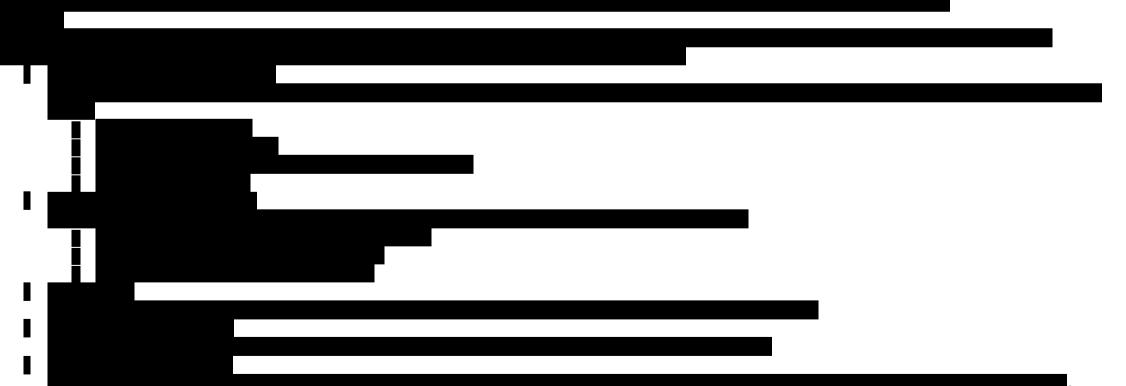


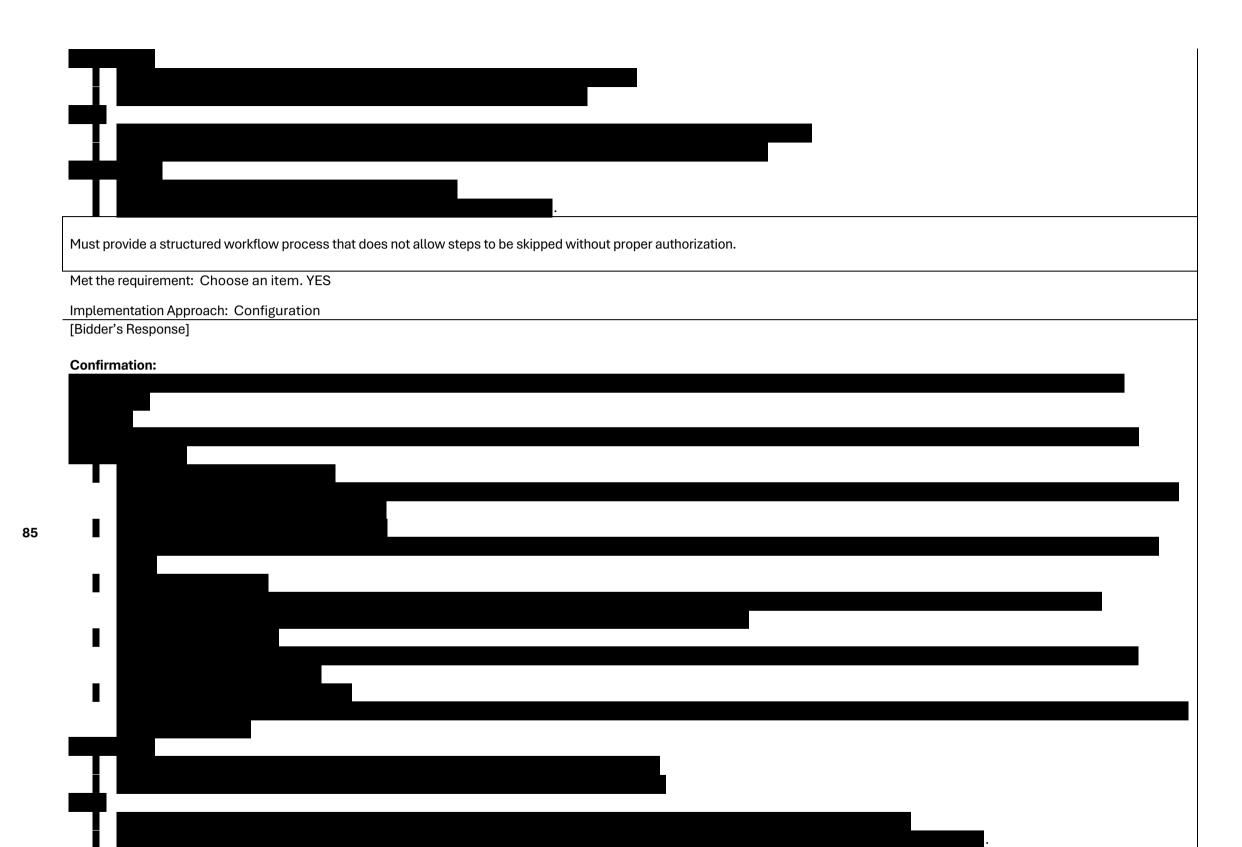
Met the requirement: Choose an item. YES

Implementation Approach: Configuration

[Bidder's Response]

Confirmation:



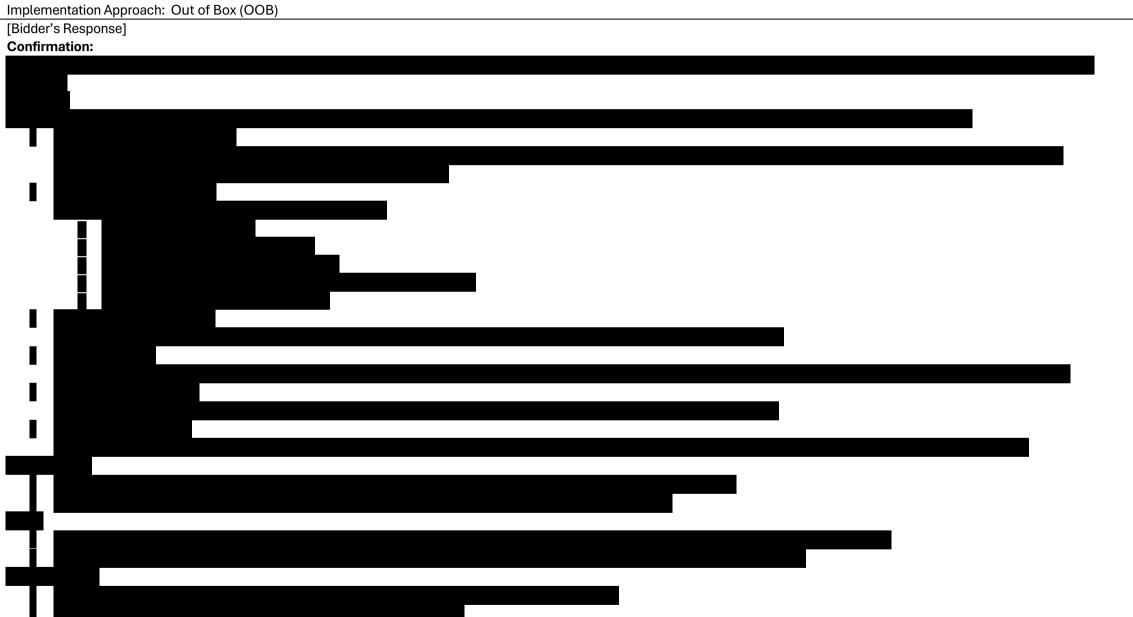


Dependencies:

- Collaboration with Nebraska DHHS to define workflow structures and authorization rules.
- Accurate role-based access configuration.

Must provide Program Integrity - Manage Case Information in a logical, chronological format.

Met the requirement: YES



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