A. REQUIREMENTS MATRIX

The Requirements Matrix must be completed by the bidder and included in their response to this Request for Proposal. Bidders must comply with the following instructions for completing the Requirements Matrix:

1. MATRIX INSTRUCTIONS

a. Each item below REQUIRES a response by the bidder in one of the response columns.

b. Each item can have only ONE response selected in the response columns.

c. Allowable responses (in right-hand response columns of matrix) are limited to:

i. YES/WILL COMPLY
This indicates bidder is in full agreement with the requirement, will fully comply with the requirement and/or the requested item, service or feature is currently available and will be provided under any contract resulting from this Request for Proposal.

ii. NO/CANNOT COMPLY
This indicates bidder cannot or will not meet the requirement or requested item, service or feature.

iii. OTHER/PARTIAL COMPLIANCE
This indicates bidder can and will partially meet the requirement or requested item, service, or feature, to the extent specifically described in the "Bidder Response" section following the numbered item or provide an 'acceptable alternative'. Alternatives must be detailed in such a way that allows such deviations to be fully evaluated. The State of Nebraska shall determine at its sole discretion whether the vendor's alternative is an acceptable alternative.

d. If multiple responses are given for a single numbered item, the response will be scored as a "No/Cannot Comply".

e. All responses of "Yes/Will Comply" or "Other/Partial Compliance" MUST include details of functionality and how the functionality will be implemented in the proposed solution in the "Bidders Response" section following each numbered item.

f. Any items with a response of "Other/Partial Compliance" but with no Bidder Response, will be scored as a "No/Cannot Comply".

2.   APPLICATION REQUIREMENTS MATRIX

Application Requirements Matrix	Yes	No	Other
1. **Global Architecture**			
a. The proposed solution shall utilize a hybrid model where identity data linkages are maintained but the source data elements do not persist past the immediate use.			
Bidder's Response:			
b. The proposed solution shall target a .NET Core/Angular technology stack with SQL storage running entirely in the Microsoft Azure cloud environment.			
Bidder's Response:			
c. The proposed solution shall expose both data and functionality through a secure API.			
Bidder's Response:			
d. The proposed solution shall leverage existing systems to the maximum extent.			
Bidder's Response:			
e. The proposed solution shall minimize impact on existing, internal and external legacy systems.			
Bidder's Response:			
f. The proposed solution shall be able to integrate various large, state-level administrative databases but also integrate smaller, local level data sources.			
Bidder's Response:			
g. The proposed solution shall only link to databases according to the established data sharing agreements and project charter.			
Bidder's Response:			

Application Requirements Matrix	Yes	No	Other
h. The proposed solution shall monitor each database via a secure connection for new, changed or deleted data.			
Bidder's Response:			
2. **Data Interchange and Integration Module**			
a. The proposed solution shall merge and match individual child-level data from different systems, in different formats, and with different keys.			
Bidder's Response:			
b. The proposed solution shall store any data used for matching in a separately secured database that will not be directly accessible to any users, except the system administrators.			
Bidder's Response:			
c. The proposed solution shall eliminate point-to-point interfaces by inserting a central system to mediate and manage interoperability.			
Bidder's Response:			
d. The proposed solution shall resolve keys and identifiers across organizations without a common ID in order to link data.			
Bidder's Response:			
e. The proposed solution shall provide a unified interface to distributed data.			
Bidder's Response:			
f. The proposed solution shall allow external partners to develop and maintain their own data interfaces using standard plug-in software.			
Bidder's Response:			
g. The proposed solution shall allow external partners to control the source data they share.			
Bidder's Response:			

Application Requirements Matrix	Yes	No	Other
h. The proposed solution shall enforce security and privacy rules consistently across all data access transactions.			
Bidder's Response:			
i. The proposed solution shall support a standards-based data dictionary.			
Bidder's Response:			
j. The proposed solution shall have a standard internal representation.			
Bidder's Response:			
k. The proposed solution shall support different formats of external partner interfaces			
Bidder's Response:			
l. The proposed solution shall remove any personal identifiers before loading data into the de-identified data warehouse			
Bidder's Response:			
m. The proposed solution shall load de-identified child data into a warehouse such that information about a unique individual can be linked to all other information about that individual based on specific, pre-approved use cases.			
Bidder's Response:			
3. De-identified Data Warehouse			
a. The proposed solution shall only contain data free of any personally identifiable information.			
Bidder's Response:			
b. The proposed solution shall encourage data access on demand instead of storing duplicate data.			

Application Requirements Matrix	Yes	No	Other
Bidder's Response:			
c. The proposed solution shall allow external partners to establish rules for data access and use.			
Bidder's Response:			
d. The proposed solution shall allow access and view of sensitive information but does not store it.			
Bidder's Response:			
e. The proposed solution shall use governed, de-identified, longitudinal data for analysis and reporting.			
Bidder's Response:			
f. The proposed solution should verify and ensure data quality based on standardized validation procedures.			
Bidder's Response:			
g. The proposed solution shall allow for data exporting consistent with the established data sharing agreements and access and use policies.			
Bidder's Response:			
4. Data Analytic, Reporting, and Visualization			
a. The proposed solution includes iterative development of an existing-proof-of-concept data analytic, reporting, and visualization tool built in Microsoft Power BI.			
Bidder's Response:			
b. The proposed solution includes the use of interactive elements to analyze the data (e.g., drill-downs, filters, maps, interval widgets).			
Bidder's Response:			
c. The proposed solution tool is optimized for multiple devices, including, but not limited to computers, tablets, and mobile devices.			

Application Requirements Matrix	Yes	No	Other
Bidder's Response:			
d. The proposed solution includes the ability to download as-needed reports for various metrics.			
Bidder's Response:			
e. The proposed solution allows generating accessible dashboards according to Web Content Accessibility Guidelines (WCAG 2.0 AA) that conform to US Section 508 requirements and other accessibility-related laws and regulations.			
Bidder's Response:			
f. The proposed solution supports creating advanced and sophisticated visualizations.			
Bidder's Response:			
g. The proposed solution guides the users by suggesting the best suitable visualization for the graphical representation of the selected data.			
Bidder's Response:			
h. The proposed solution offers an automatic refresh of charts and visualizations in a dashboard at regular intervals.			
Bidder's Response:			
i. The proposed solution offers pre-built dashboard and report templates.			
Bidder's Response:			
j. The proposed solution allows creating dashboards that provide a single-screen snapshot view of various KPIs, business analytics metrics, and critical data points, placed in the form of panels.			
Bidder's Response:			
k. The solution provides charts, graphs, and visualizations with interactions such as scaling, linking, tooltip, mouse, and touch events.			

Application Requirements Matrix	Yes	No	Other
Bidder's Response:			
l. The proposed solution will allow for hiding and/or masking data based on pre-determined business rules.			
Bidder's Response:			
5. **Administrative Module and Services**			
a. The proposed solution shall include the development of a web-based administrative interface to allow log-in access based on predetermined roles and access policies.			
Bidder's Response:			
b. The proposed solution shall allow for activating and/or changing user accounts.			
Bidder's Response:			
c. The proposed solution shall all provide for an interchange catalog that holds metadata defining each data interchange and identifies keys and linkages			
Bidder's Response:			
d. The proposed solution shall register all sources and consumers, identify the data interchanges requested/provided, and include security metadata			
Bidder's Response:			
e. The proposed solution routes requests for interchange data based upon registered sources.			
Bidder's Response:			
f. The proposed solution logs encrypted records of all transactions.			
Bidder's Response:			