RELEASE DATE: March 8, 2021 PROCUREMENT CONTACT

March 22, 2021 2:00 p.m. Central Time

Keith Roland and Jennifer Crouse

SCOPE OF SERVICE AND WORK ORDER RELEASE

I. PROCUREMENT PROCEDURE

A. GENERAL INFORMATION

The State of Nebraska (State), Department of Health and Human Services (DHHS), issued Request for Qualification (RFQ) Number 106928 O3 for the purpose of selecting Qualified Contractors into a vendor pool, in order to provide cloud-based, enterprise agile software development services, as well as legacy mainframe application modernization services, in support of DHHS's planned iServe Nebraska Portal.

This document presents a portion of the deliverables within a set of Work Orders being released related to that RFQ and the ultimate delivery of the iServe Nebraska Portal (MVP) in April of 2022. The set is specific to the design of the User Interface/User Experience (UI/UX) Product Solution Increment. It holds no guarantee for Bidder that DHHS will follow through with agile development work orders for the realization of the product/solution.

Throughout this Work Order, the following definitions apply:

- 1. Bidder a Qualified Contractor that is submitting a bid in response to this Work Order
- 2. Contractor the Vendor that has been awarded this Work Order
- **3.** Qualified Contractor a Vendor that submitted a proposal in response to RFQ 106928 O3 and met the evaluation thresholds to be admitted into the pool

B. SCHEDULE OF EVENTS

The State expects to adhere to the procurement schedule shown below, but all dates are approximate and subject to change.

ACTI	VITY	DATE/TIME
1.	Release Work Order	March 8, 2021
2.	Last day to submit written questions	March 11, 2021
3.	State responds to written questions through Work Order "Addendum" and/or "Amendment" to be posted to the Internet at: https://das.nebraska.gov/materiel/purchasing/iServe%20RFQ/iServe.html	March 18, 2021
4.	Proposal Opening Location for mailed/hand delivered submissions: Department of Health and Human Services 301 Centennial Mall S. Lincoln, NE 68508 Electronic submissions: https://nvcn-cio.webex.com/nvcn- cio/j.php?MTID=m4ccec99a40ae4cc7251104e37f9bff5e	March 22, 2021 2:00 PM Central Time
5.	Evaluation period	March 22, 2021 through March 30, 2021
6.	Orals / Demonstrations (if requested)	TBD
7.	Post "Intent to Award" to Internet at: https://das.nebraska.gov/materiel/purchasing/iServe%20RFQ/iServe.html	March 31, 2021
8.	Estimated Work Order Agreement finalization period	April 1, 2021 through April 9, 2021
9.	Estimated start date*	April 12, 2021

* The Start Date is contingent upon receiving approval from Center for Medicare and Medicaid Services (CMS).

C. BIDDING PROCESS

The bidding process for this Work Order set will follow the provisions set forth in Section V of the RFQ.

D. SUBMISSION OF PROPOSALS

The State is accepting either electronically submitted responses or hard copy, paper responses for this Work Order.

- 1. For Bidders submitting electronic responses:
 - **a.** Responses must be uploaded via ShareFile using the following link:
 - i. https://nebraskastategov.sharefile.com/r-rb441e80e887b48c0bf86dca847df6e8f
 - ii. ShareFile works with Firefox, Internet Explorer and Chrome. It does not work with Microsoft Edge.
 - b. If multiple proposals are submitted, the State will retain only the most recently submitted response. It is the Bidder's responsibility to submit the proposal by the date and time indicated in the Schedule of Events. Electronic proposals must be received by DHHS by the date and time of the proposal opening per the Schedule of Events. No late proposals will be accepted.
 - c. ELECTRONIC PROPOSAL FILE NAMES
 - The Bidder should clearly identify the uploaded Work Order proposal files. To assist in identification please use the following naming convention:
 - i. iServe WO 2 ABC Company
 - **ii.** If multiple files are submitted for one Work Order proposal, add number of files to file names: iServe WO 2 ABC Company File 1 of 2.
 - **iii.** If multiple Work Order proposals are submitted for the same Work Order, add the proposal number to the file names: iServe WO 2 ABC Company Proposal 1 File 1 of 2.
- **2.** For Bidders submitting paper/hard copy responses:
 - a. Bidders who are submitting a paper response should submit one proposal marked on the first page: "ORIGINAL". If multiple proposals are submitted, the State will retain one copy marked "ORIGINAL" and destroy the other copies. The Bidder is solely responsible for any variance between the copies submitted. Proposals must reference the Work Order number and be sent to the specified address. If a recipient phone number is required for delivery purposes, 402-471-0727 should be used. The Work Order number should be included in all correspondence. DHHS will not furnish packaging and sealing materials. It is the Bidder's responsibility to ensure the solicitation is received in a sealed envelope or container and submitted by the date and time indicated in the Schedule of Events. Sealed proposals must be received by DHHS by the date and time of the proposal opening per the Schedule of Events. No late proposals will be accepted.

United States Postal Services (USPS) delivered proposal responses shall be mailed to:

ATTN: Keith Roland and Jennifer Crouse DHHS - Central Procurement Services PO BOX 94926 Lincoln, NE 68509

Hand delivered proposal responses or responses delivered by Federal Express (FedEx), United Parcel Service (UPS), etc. shall be delivered to:

ATTN: Keith Roland and Jennifer Crouse DHHS - 3rd Floor Reception Desk 301 Centennial Mall South Lincoln, NE 68509

- b. Proprietary Information should be presented in separate sections (loose-leaf binders are preferred) on standard 8 ½" x 11" paper, except that charts, diagrams and the like may be on fold-outs which, when folded, fit into the 8 ½" by 11" format. Pages may be consecutively numbered for the entire proposal, or may be numbered consecutively within sections. Figures and tables should be numbered consecutively within sections. Figures and tables should be numbered in the text by that number. They should be placed as close as possible to the referencing text.
- **3.** DHHS will not furnish packaging or sealing materials. It is the Bidder's responsibility to ensure the solicitation is received either electronically or in a sealed envelope or container and submitted by the date and time indicated in the Schedule of Events. Sealed proposals must be received in by DHHS by the date and time of the proposal opening per the schedule in the Work Order Request Form, below.

It is the responsibility of the Bidder to check the website for all information relevant to this Work Order to include addenda and/or amendments issued prior to the opening date. Website address is as follows: https://das.nebraska.gov/materiel/purchasing/iServe%20RFQ/iServe.html.

Emphasis should be concentrated on conformance to the solicitation instructions, responsiveness to requirements, completeness, and clarity of content. If the Bidder's proposal is presented in such a fashion that makes evaluation difficult or overly time consuming DHHS reserves the right to reject the proposal as non-conforming.

E. WORK ORDER PROPOSAL REQUIREMENTS

- 1. The requirements for Work Order 2 are:
 - a. Section III PSI Work Order #2 Cost Form
 - b. Section IV Evaluation Questions of the Work Order
 - c. Section VI Staff Experience and Qualifications Forms (for those roles applicable to the WO)

F. EVALUATION OF WORK ORDER RESPONSES

DHHS will conduct a fair, impartial, and comprehensive evaluation of all proposals in accordance with the criteria set forth below. The Work Order evaluation will be conducted by the following method:

1. General Information

Scoring will be based on responses to questions provided in Section IV - Evaluation Questions of the Work Order, responses related to staff experience / qualifications in Section VI - Staff Experience and References, and cost forms in Section III - PSI Work Order #2 Cost Form.

If negotiations for Terms and Conditions of the RFQ have not been executed by the time of the Work Order opening date, the Bidder's response will not be evaluated and will be rejected.

2. Mandatory Requirements

The proposals will first be examined to determine if all mandatory requirements listed below have been addressed to warrant further evaluation. Proposals not meeting mandatory requirements will be excluded from further evaluation. The mandatory requirement items are as follows:

- a. Bidder has a fully executed contract resulting from RFQ 106928 O3;
- b. Bidders must be qualified to bid on Work Orders related to Service Area 1: User Research and Human-Centered Design described in the RFQ section VI.B.3.a.

3. Evaluation Criteria

All responses to Work Order 2, which fulfill all mandatory requirements, will be evaluated according to the categories listed below. Each category will have a maximum possible point potential as listed below.

- a. RFQ Service Area 1 (User Research and Human Centered Design) Evaluation Questions (700 points, or total of 20% of points)
- b. Evaluation Questions of the Work Order (900 points, or total of 27% of total points)
- c. Staff Experience and Qualifications (900 points, or 27% of total points)
- d. Cost (500 points, or 13% of total points)
- e. [OPTIONAL] Oral Demonstrations at the option of DHHS (400 points, or 13% of total points)

G. QUESTION AND ANSWER PERIOD

Bidders will be given an opportunity to clarify the intent and scope of the requested Work Orders during the Question and Answer period prior to submission of their response. Questions regarding the meaning or interpretation of any Work Order provision must be submitted in writing to DHHS and clearly marked "iServe Work Order 2 Questions". DHHS is not obligated to respond to questions that are received late.

It is preferred that questions be sent via e-mail to <u>dhhs.rfpquestions@nebraska.gov</u>, but may be delivered by hand or by U.S. Mail. It is recommended that Bidders submit questions using the following format.

Work Order Section Reference	Work Order Page Number	Question

Written answers will be posted at <u>https://das.nebraska.gov/materiel/purchasing/iServe%20RFQ/iServe.html</u> per the Schedule of Events.

H. ORAL DEMONSTRATIONS

DHHS may request bidders to prepare and deliver an Orals Demonstrations of their Work Order responses via Web Conference according to Section V.C of the RFQ.

I. WORK ORDER AGREEMENT

DHHS will finalize a Work Order Agreement ("Agreement") with the winning Bidder according to Section V.E of the RFQ prior to start of the effort in support of the Work Orders awarded.

II. WORK ORDER REQUEST FORM

	Order Reference In		Sonvice Type: 1 Line
Work Order Nu		Request Type: Product Solution Increment Design (PSI)	Service Type: 1 – User Research and Human Centered Design
B. This V	Vork Order is subject	to CMS approval. The Start Date is contingent u	pon receiving approval from CMS.
the pro Those Bidder Bidder compo	oduct/solution vision (final deliverables ma of this Work Order of in future Work Or	Work Order is a completed initial User Interface PSV) for Portal MVP, based on both quantitative y impact future Work Orders released to the iSer cannot evaluate and direct the resulting delivera der bids for related work. Recommendations a or proprietary to the winning Bidder's organizat	and qualitative methods and practices ve Nebraska Bidder pool. The awarded bles in a way that would disadvantage nd proposals cannot utilize a solution
	ct Solution Vision (PSV) Description:	
For overall solution agency with a services through	ition context, the Sta mission of helping pe	te of Nebraska Department of Health and Huma ople live better lives. DHHS is responsible for a sluding Medicaid and Long-Term Care, Deve	administering numerous programs and
accountability a DHHS intends based business overall health a	nd quality of DHHS s iServe Nebraska to model, to an integra nd well-being of all f	rve Nebraska Program initiative to improve ervices through an integrated, consumer-centric be adaptive and incremental, enabling the state ted service delivery model that is family and pers amily members. DHHS aims to ensure that Neb ributing members of their communities.	model of practice, across all programs. e to move from a siloed and program- con-centered, focused on improving the
platform initially	v supporting Integrate	y the implementation of the "iServe Nebraska Pla ed Benefits Eligibility and Enrollment Managem onal technology component of the iServe Nebras	ent (IBEEM) functionality. The "iServe
existing ACCES the iServe Neb Portal MVP will Waivers associ Agile Framewo	SSNebraska portal ar raska Portal minimu support the submiss ated to MLTC, and I rk) Methodology to p	eks to procure the technology and key subject in ad assist in User Interface / User Experience (UI/ m viable product (MVP) capabilities by April 20 ion of an integrated eligibility application for DHH Economic Assistance programs. DHHS seeks B an for the eventual design, incremental build an erve Nebraska Portal MVP.	(UX) planning for the implementation of D22. Specifically, the iServe Nebraska HS' Medicaid, Developmental Disability idders who will use the SAFe (Scaled
DHHS has defin (1)	Support an integra program benefit a	ska Portal MVP as the minimum set of features ated eligibility application submission experience pplications (Developmental Disability, Economic	across three, currently stand-alone
(2)	the status of the p	clients to create and self-manage their iServe Na rogress of their benefit application from start to b ility to view status of eligibility determination with AVP).	penefit application submission. DHHS
(3) (4)	Provide ability for	clients to upload documents in support of their a y for clients to communicate with DHHS through	
which is support (CI/CD) pipeline and Private sys	rted by a cloud base e using MITA compli- stems and data. The	se capabilities will be accessed through a deskto d environment implemented through a Continuou ant architecture which is appropriately integrated capabilities will also be supported by business p in delivery to our client base.	us Integration, Continuous Deployment I to DHHS, State of Nebraska, Federal
For further context, a full definition of iServe Nebraska MVP scope and its context within the larger eligibility			

For further context, a full definition of iServe Nebraska MVP scope and its context within the larger eligibility effort (iBEEM) is provided in Appendix H of the RFQ titled: "iServe Nebraska Portal Requirements."

E. Product Solution Increment Design (PSI) Overview:

The purpose of this Work Order is to complete user research on the existing system to set baselines; to perform analysis and redesign questions asked during the application processes and their underlying information flows; to develop user personas and journey maps, and to create interface and user experience design patterns for the new system that will serve as a foundation for the later development of the iServe Nebraska Portal (MVP). As overviewed in the solution vision, the MVP Portal is to support the client's ability to discover potential benefit programs and apply for services and health and social care benefits, in a customer centric, and integrated manner across all DHHS programs.

One of DHHS's primary goals for the iServe Nebraska Portal is to meet the user experience and usability needs of the many types of stakeholders who will access it. Specifically, DHHS serves a diverse client population, including many with limited experience using technology, constrained access to computing devices, physical and cognitive/intellectual disabilities, as well as those for whom English is a second language. Additionally, given the complex nature of the Federal and State health and human services programs that DHHS administers, DHHS requires a vendor that is able to design, develop and implement an iServe Nebraska Portal that is easy to use and easy to understand.

As such, DHHS seeks a vendor experienced with:

- (1) Qualitative and quantitative user research methods, to determine end user's goals, needs and behaviors, including:
 - a) Identification of the various types of users who will access the system;
 - b) Spending time with current and prospective users of the service, through structured interviews and direct observation; and documenting findings about user goals, needs, behaviors, and preferences;
 - c) Defining users' journeys, to understand goals and needs of users accessing systems and pain points;
 - d) Defining metrics and methods for assessing the ability to complete tasks and the system's learnability, efficiency, memorability and satisfaction.

(2) Application of human-centered design principles, such as those defined in ISO 9241-210, also including:

- a) Use of design pattern libraries, and other common UI elements used frequently across the solution. For example, U.S. Web Design Systems (USWDS) https://designsystem.digital.gov/
- **b)** Application of adaptive design principles, ensuring a consistent user experience regardless of end user device (e.g., mobile phone, tablet, desktop/laptop)
- c) Testing of wireframes, mock-ups or other prototype methods with real end users, in the field if possible

Importantly, DHHS serves many clients with visual, auditory, motor and cognitive disabilities. DHHS seeks vendors experienced with designing and implementing solutions that are accessible to such user groups. Additionally, the iServe Nebraska Portal will need to support end users for whom English is not their first language.

The Contractor will collaborate with the existing iServe Nebraska Portal state team in developing new, refining existing, and completing user research and then subsequent wireframe/prototyping and design artifacts to be used in developing the delivery of the MVP Portal. The resulting work products will promote a successful implementation. The Contractor should bring all past experience and known best practices to the UI/UX design resulting in the best solution, team structure, and most executable design.

The design should be influenced by the full iServe Nebraska Portal (MVP) vision which currently has the following PI's and related activities on its forecasted roadmap:

PI 0 – Sprint zero foundational technology build (cloud environment, CI/CD pipeline, IAM framework)

PI 1 – UI Research on user experience for existing systems (ACCESS NE) to set baselines, perform application question flow analysis, develop pattern libraries and begin User Journey Maps.

PI 2 – Development of Integrated Benefit Application Process and Navigation, based on User Experience Journeys and Research

PI 3 – Account Creation, Password Management and Starting/Ending Account Access

PI 4 – Portal Utilities (File Upload/Secure Messaging)

PI 5 – Legacy System and Business Process Integration

All PSP responses should be aligned to the SAFe methodology in form and function at whichever level (essential, large solution, portfolio, full) is deemed appropriate by the Contractor in estimating the necessary UI/UX design and subsequent delivery approach, The DHHS iServe Portal team has some familiarity with agile and SAFe but additional coaching and support is expected.

The following areas are out of scope of the Work Order:

- (1) Help Desk Services Activities required to perform Level 0 and 1 user support, related to direct resolution of end-user questions and calls, call dispatch, tracking and tracing, call escalation and self-help. Level 0 support activities are performed by key users for in-scope applications.
- (2) Desktop Services Activities required to provide, maintain, secure and support the user hardware and software workplace environments (desktop, laptop, mobile device) to access, deploy and apply the inscope applications.
- (3) Application Maintenance and Support Services Activities associated with responding to incidents, repairing defects, and analyzing, designing, developing, implementing and maintaining minor functional and/or technical enhancements, and/or initiating and applying refactoring to applications in production to improve the performance and/or stability of an application.
- (4) Application Operations Services Activities required to perform application monitoring and operational service activities as formalized in runbooks, inclusive job scheduling and execution, backup and restore of the in-scope applications.
- (5) Application Middleware and Database Administration Services Activities required for providing, maintaining, securing, scheduling, backing up, recovering and supporting inbound and outbound application interfaces (electronic data extraction and translation and load), Web services and databases.
- (6) Data Center Services Activities required for providing, maintaining, securing, scheduling, backing up, recovering and supporting DHHS's computing environments.
- (7) Network Services Activities required for providing, maintaining, securing and supporting the wide-area network (WAN) connectivity for DHHS, all DHHS locations' local-area network (LAN) connectivity and DHHS's IP telephony connectivity, including all connectivity hardware and software.

F. Product Solution Increment Design (PSI) Benefits:

By completing the iServe Nebraska Portal (MVP) UI/UX design activities and deliverables, DHHS expects to enable a consumer to locate the DHHS application portal, navigate through it, utilize the IAM B2C feature to create a formal account for application with DHHS and discover / apply for any of the health and social programs and services within the Scope of MVP. The experience should be customer centric and fully accessible based on ADA standards.

The Contractor should propose other activities and deliverables that are appropriate for the type of design activities within the UI/UX design cycle and, as necessary, the requisite schedule duration needed to complete those activities and the scope of this Work Order.

The goal of this Work Order is to obtain a solid UI/UX design which is the result of comprehensive user research, information architecture design, wireframing, prototyping, user testing to be ready for final implementation. The design should facilitate more accurate estimation of work, facilitate the avoidance of feature creep, test the MVP Portal content, increase ease of use, reduction in user steps, create calls to action, increase usage, retention rate and promotes trust.

This design will support the future Work Orders supporting delivery teams responsible for the continued agile planning and delivery of the iServe Nebraska Portal MVP solution.

G. PSP Acceptance Criteria:

Contractors should provide a completed and agreed upon set of Product Solution Planning design activities and outputs documents and demonstrated solution understanding for the MVP Epic with awareness of the separate but related iBEEM effort.

This should be achieved through a sincere and open inspection of the portal team's existing work products and identifying gaps or areas of enhancement or change and adapting as necessary a comprehensive set of user research, information architecture design, wireframing, prototyping, user testing, and final implementation.

To date the team has produced at least the following work products:

- (1) Epic Cost Estimate (IAPD funding and Lean Business Case)
- (2) Solution Roadmap
- (3) Product Roadmap (business forward)
- (4) Program Increment Roadmap/ Objectives
- (5) Initial Product Backlog
- (6) Business Capability Model aligned to business value chain and backlog
- (7) Technical Architectural Guidelines
- (8) Business Process Inventory (for analysis of impacts/updates)

The following deliverables are required to be documented by end of planning. The amount to be paid for each deliverable will be the percent of the total cost of the Work Order as indicated in the table below. DHHS will render payment for each deliverable when the specifications of the deliverable have been satisfactorily completed on the part of the Contractor as solely determined by the DHHS. (Neb. Rev. Stat. Section 73-506(1)) Payment will be made by DHHS in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. §81-2401 through 81-2408).

#	Deliverables to be Provided:	Percent of Total Amount
(1)	A UI/UX Design Effort Cost Estimate and proposed timeline	11.11%
(2)	UI Research on user experience for existing systems (ACCESS NE) to set metric baselines for before and after experience comparisons of benefit application process, portal feature usage and click tracking.	11.11%
(3)	Review of the current state business feature and story backlogs related to the Work Order and make additions and changes where necessary to complete the work according to time/cost estimates	11.11%
(4)	Development of candidate stories related to future features that have a UI/UX dependency to deliver a holistic UI/UX design framework for the MVP Portal experience	11.11%
(5)	 Documented Research and Corresponding Results representing user goals, needs and behavior including: User Surveys, User Interview questions, User personas, and User journey maps. 	11.11%
(6)	 Interface design artifacts including: Screen mock up and wire frames Screen Organization (Card Sorting, Information Architecture, UX testing/audit) Design of optimal user path through application for benefits and services Demonstrated Accessibility Design: ESL 5th grade reading /comprehension ADA compliance 	11.11%
(7)	Documented results of design reviews with end users	11.11%
(8)	An inventory of current state business processes and user process flows with identified impactsfrom the UI/UX design for the products being implemented	11.11%
(9)	Design pattern libraries containing HTML associated to each component in the library	11.12%
		100%

H. PI Design Realization Deadline:

All activities and planned deliverables must be completed within ten (10) weeks of work order initiation. If the Bidder determines an extension of time is needed to complete this work, please provide that timeline for review within the planning deliverable (UI/UX Design Effort Cost Estimate and proposed timeline deliverable (1)).

I. Impact on Work in Progress (if any):

The state delivery team will continue its preliminary planning, internal methodology awareness, hiring, resource onboarding, and story identification and refinement efforts prior to this collaborative planning and make adjustments as necessary based on its results

J. Impact on Elements of the Agreement (if any):

None.

K. Expected Effort:

DHHS expects the design activities and deliverables to be completed within ten (10) weeks or less. The effort should include appropriate level of engagement with key business and technical stakeholders within DHHS through the iServe Nebraska state team. If the Bidder determines an extension of time is needed to complete this work, please provide that timeline for review within the planning deliverable (PSI Planning Materials deliverable (1)).

L. Expected Additional Investments (if any):

The awarded Contractor must identify any additional software or services that may be required to ensure successful completion of the Portal Epic, and lay a strong foundation for the further build out of the larger IBEEM effort and the iServe initiative.

The Contractor should bring forward all experience and best practices to ensure the collaborative and empowered team plans the most achievable approach and solution available for execution of the stated objectives within the stated delivery timeline or concerns/changes related to it.

III. PRODUCT SOLUTION INCREMENT (PSI) WORK ORDER #2 COST FORM

Bidder must complete one per deliverable (9 total)

Product/Solution Increment	(PSI) Work O	rder Cost Fo	orm (to be	completed by Bio	dder)
Dates					
Proposed Start date:					
Proposed End date:					
Program Increment demo date(s):	N/A				
Stories					
Beyond Planning deliverables Bidders may be	Story Reference	Туре	Story Ti	tle	
given an extract from Jira for more detailed description of	N/A				
initial product backlog					
stories if it helps in cost evaluation					
evaluation					
•					
Costs					
Deliverable #	\$				
Staffing Approach	Role	Quantity	Effort (days)	Rate (currency per day)	Total price
Deliverable costs are based on rates in response to this					
Work Order.					
	TOTAL				<u> </u>
Optional Services – rows may be added as needed	Role	1	Hourly F	Rate	1

IV. EVALUATION QUESTIONS

	Evaluation Domain 1: RFQ Service Area 1 Questions
1.	Describe any quantitative or qualitative user research methods you have employed with previous clients in order to understand user goals, needs and behaviors.
2.	Describe your experience defining user personas, journeys or other user scenarios.
3.	Describe your experience developing and testing prototypes with end users.
4.	Describe your approach to deploying adaptive design principles, to ensure intuitive, consistent user experiences across platforms, and that optimize work flows.
5.	Describe your approach for accommodating the usability needs of users with disabilities.
	Evaluation Domain 2: User Research and Human-Centered Design Recommendation
1.	Explain the specific steps you would take to complete the UX and then UI design for the iServe Nebraska MVP Portal. Provide specific example of the output of each of those steps from a completed prior effort.
2.	Have you delivered a rich user design and experience using Microsoft Dynamics? If yes, please provide examples of that experience and its deliverable. If no, how did you accommodate the design enhancements that were needed and with what extensions?
3.	How do you ensure that your UX / UI design and UI delivery is aligned to your customer's needs and expectations rather than being a standard set of processes and components?
4.	Explain why you are the most qualified partner to fulfill this Work Order for the state of Nebraska.
5.	Provide a list of specific benefits you have provided a client by completing UI/UX design for their effort. Why do you believe it's as important as other parts of the application development process?
6.	How will you work with other designers and developers on the project? Is this process impacted by whether the developers are from your organization or another?
7.	What are the tasks that you consider most important in UX design and why
8.	Explain your process for deciding which features to add to a final product and which to discard? Explain where you had to guide a project through this process and its impact on that effort.
9.	Please list your UI/UX design inspirations/heroes and provide a user interface and experience that represents that inspiration and represents a complex process similar to benefit application
10.	How do you normally communicate with your client and members of your agile solution and delivery team(s) on an effort? Is that process impacted by the delivery team being from separate organization(s)?

V. CONTRACTOR STAFF

For the duration of the Work Order term, the Bidder's staff shall meet all Mandatory Qualifications (MQs) as described herein.

For each role the Contractor will require in order to complete the Work Order, the Contractor must complete a Staff Experience and References Form found in Section VI. One resource may play more than one role.

A. Bidder Mandatory Qualifications

The Contractor shall provide experienced resources, needed for initial planning activities, that collectively meet <u>all</u> of the MQs for their appropriate role(s) as follows: <u>All experience used to meet the MQs shall have been where the staff</u> had primary responsibility.

ROLE	MANDATORY QUALIFICATIONS
Agile Skilled Service Manager	 The Service Manager shall have at least three (3) years of Full-Time Equivalent (FTE) experience as the primary person responsible for the delivery, ongoing success, and continuous improvement on at least two (2) agile software projects or platform(s).
	2. The Service Manager shall have at least three (3) years of FTE experience managing software development and design in an agile environment.
	3. The Service Manager shall have at least three (3) years of FTE management experience creating product descriptions and delivery plans.
Agile Skilled Delivery Manager (Scrum Master)	 The Delivery Manager (Scrum Master) shall have at least three (3) years of FTE experience managing and delivering on at least two (2) agile software projects or platform(s) that are similar in scope to this Work Order.
	 The Delivery Manager (Scrum Master) shall have at least three (3) years of FTE of management experience delivering complex digital projects in an agile environment.
	 The Delivery Manager (Scrum Master) shall have at least three (3) years of FTE experience serving as a client's direct point of contact.
	 The Delivery Manager (Scrum Master) shall hold a certification related to Scrum (e.g., Certified Scrum Master® [CSM]).
Agile Skilled Lead Cloud App Developer	 The Lead Cloud App Developer shall have at least three (3) years of FTE experience leading the development of at least two (2) projects that are similar in scope to this Work Order.
	 The Lead Cloud App Developer shall have at least five (5) years of FTE experience developing and deploying backend web applications in an agile environment.
	 The Lead Cloud App Developer shall have at least three (3) years FTE experience in each of the following: a. Developing web applications using Java and MicroSoft Dynamics; b. Writing the back-ends of modern PowerApps and Dynamics web applications; c. Developing and consuming web-based, RESTful APIs; d. Writing web applications using a test-driven deployment approach; e. Developing and executing automated unit, integration, and acceptance tests; and f. Developing backend web applications that integrate with relational and non-relational database systems.
Agile Skilled Cloud App Developer Team	 Each Cloud App Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment.

ROLE	MANDATORY QUALIFICATIONS			
	2. Each Cloud App Developer shall have at least two (2) years of FTE experience in at least one of the following, and between all team members each of the following must be covered:			
	 a. Developing web applications using Microsoft Power App, Microsoft Dynamics, React, Angular, C++, C# or Java; b. Writing the back-ends of modern web applications; c. Developing and consuming web-based, RESTful APIs; d. Writing web applications using a test-driven deployment approach; e. Developing and executing automated unit, integration, and acceptance tests; f. Configuring and executing load and performance testing; 			
	g. Configuring and integrating enterprise user authentication tools;			
	 h. Developing backend web applications that integrate with relational and non-relational database systems; i. Handling large data sets and scaling their storage; and 			
	j. Developing backend web applications that use scalable search technology.			
Agile Skilled DevOps Engineer	 The DevOps Engineer shall have experience as a DevOps Engineer in at least two (2) Digital Service developments similar in scope to the Work Order scope of services. 			
	2. The DevOps Engineer(s) shall have at least two (2) years of FTE experience with the implementation and delivery of complex digital projects in an agile environment			
	 The DevOps Engineer shall have at least one (1) year of FTE experience with each of the following: Developing and implementing server configuration scripting; Implementing configuration management tools Implementing continuous deployment tools (e.g., Docker); Implementing continuous integration tools (e.g., Jenkins); and Implementing modern continuous monitoring tools. 			
Agile Skilled Cloud Database Admin	 The Cloud Database Admin shall have at least five (5) years of FTE experience as a MS SQL Server Database Administrator responsible for the following: MS SQL Server database administration, MS SQL Server database configuration, MS SQL Server data replication, MS SQL Server database administration, MS SQL Server database configuration, MS SQL Server data replication, MS SQL Server utilities, MS SQL Server resource monitoring; MS SQL Server static and dynamic SQL; and MS SQL Server database backup, recovery, performance tuning, configuration and design. 			
	 The Cloud Database Admin shall have at least three (3) years of FTE experience deploying, configuring, monitoring, and optimizing alternate cloud databases, both SQL and NoSQL. (i.e. CosmosDB, DynamoDB, MongoDB, Amazon Aurora, etc.) 			
Agile Skilled UI/UX Designer	 The UI/UX Designer shall have a least Three (3) to five (5) years of experience working in IT, preferably as an user experience/user interface designer, human factors engineer, animation, or comparable roles; 			
	 a. Broad experience in translating business and functional requirements into technical specifications; b. Experience with wireframe prototyping tools such as Axure, Sketchflow or Balsamiq, and equivalents; c. Experience working in an agile development cycle; d. Experience with risk taking. 			

B. Contractor Roles and Responsibilities

The Nebraska Department of Health and Human Services (DHHS) Agile Development Pre-Qualified Vendor Pool candidates are required to provide several Labor Pool categories as they apply to the deliverables within the work order:

CONTRACTOR	RESPONSIBILITY
ROLE	
Service Manager	 Experience managing the delivery, ongoing success, and continuous improvement of one (1) or more digital products and/or platforms. Primarily responsible for: Lead one (1) or more multi-disciplinary agile delivery teams to deliver excellent new
	 products and/or iterations to existing products to meet user needs; Gather user requirements based on a communicable understanding of diverse audience groups; Define and get stakeholder buy-in for product definition and delivery approach; Create effective, prioritized product descriptions, and delivery plans to meet user needs in
	 a cost-effective way; Interpret user research in order to make the correct product decisions, noting that users do not always know what they want;
	 Continually keep abreast of changes to user habits, preferences, and behaviors across various digital platforms and their implications for successful delivery of agile software development services; Underpin the delivery and iteration of agile software development services through effective analysis of qualitative and quantitative user data; and
Delivery Manager (Scrum Master)	Communicate credibly with a wide range of digital delivery disciplines and talent. Experience setting up teams for successful delivery by removing obstacles (or blockers to progress), constantly helping the team to become more self-organizing, and enabling the work the team does rather than impose how it's done.
	Manages one (1) or more agile projects, typically to deliver a specific product or transformation via a multi-disciplinary, high-skilled digital team. Adept at delivering complex digital projects, breaking down barriers to the team, and both planning at a higher level and getting into the detail to make things happen when needed.
	Defines project needs and feeds these into the portfolio/program process to enable resources to be appropriately allocated.
	 Primarily responsible for: Delivering projects and products using the appropriate agile project management methodology, learning & iterating frequently; Working with the Service Manager to define the roadmap for any given product and translating this into user stories;
	 Leading the collaborative, dynamic planning process – prioritizing the work that needs to be done against the capacity and capability of the team; Matrix-managing a multi-disciplinary team; Ensuring all products are built to an appropriate level of quality for the stage (alpha/beta/production); and
	Actively and openly sharing knowledge of best practices.

CONTRACTOR ROLE	RESPONSIBILITY
Lead Web Developer	Experience leading a team of web developers using modern, open source software to prototype and deploy backend web applications, including all aspects of server-side processing, data storage, and integration with frontend development.
	 Primarily responsible for: Developing and communicating the team's architecture and design; Executing the Service Manager's vision and goals; Delivering working software at the end of a sprint; Developing product roadmaps and backlogs; Writing user stories; Web development using C#, C++, Java or open-source web programming languages (e.g., Ruby, Python) and frameworks (e.g., Django, Rails); Developing and consuming web-based, RESTful APIs; Using and working in team environments that use agile methodologies (e.g., Scrum, Lean); Authoring developer-friendly documentation (e.g., API documentation, deployment operations); Test-driven development; Use of version control systems, specifically Git and GitHub; Quickly researching and learning new programming tools and techniques; Relational and non-relational database systems;
	 Scalable search technology (e.g. ElasticSearch, Solr); Handling large data sets and scaling their handling and storage; Using and working with open source solutions and community; and Communicating technical concepts to a non-technical audience.
Web Developer	 Experience using modern, open source software to prototype and deploy backend web applications, including all aspects of server-side processing, data storage, and integration with frontend development. Primarily responsible for: Web development using at least two web programming languages (e.g., VB.NET, C#, C++, Ruby, Python) and frameworks (e.g., Django, Rails); Developing and consuming web-based, RESTful APIs; Using and working in team environments that use agile methodologies (e.g., SAFe, Scrum, Lean); Authoring developer-friendly documentation (e.g., API documentation, deployment operations); Test-driven development; Use of version control systems, specifically Git and GitHub; Quickly researching and learning new programming tools and techniques; Relational and non-relational database systems; Scalable search technology (e.g. ElasticSearch, Solr); Handling large data sets and scaling their handling and storage; Using and working with open source solutions and community; and
DevOps Engineer	Communicating technical concepts to a non-technical audience. Experience serving as the engineer of complex technology implementations in a product- centric environment. Comfortable with bridging the gap between legacy development or operations teams and working toward a shared culture and vision. Works tirelessly to arm developers with the best tools and ensuring system uptime and performance. Primarily responsible for:
	 Deploying and configuring services using infrastructure as a service providers (e.g., Microsoft Azure, Amazon Web Services, Google Compute Engine, RackSpace/OpenStack); Configuring and managing Linux-based servers to serve a dynamic website; Debugging cluster-based computing architectures; Using scripting or basic programming skills to solve problems; Installation and management of open source monitoring tools; Configuration management tools (e.g., Puppet, Chef, Ansible, Salt); Architecture for continuous integration and deployment, and continuous monitoring; and Containerization technologies (e.g., LXC, Docker, Rocket).

CONTRACTOR ROLE	RESPONSIBILITY
	Primarily responsible for:
MS SQL Server Database Administrator (Cloud App Developer) Cloud DBs	 Primarily responsible for: Provides technical leadership and operational expertise at the decision-making level for the implementation, architecture, design, ongoing support and maintenance of MS SQL Server databases and related software tools; Acts as the principal MS SQL Server database administrator and technical resource for the design, development, and implementation of multiple MS SQL Server tests databases and related systems; Supports object-relational features and non-relational structures (e.g., JSON, XML); Designs, develops, and maintains data models utilizing data modeling and code generation tools (e.g., Erwin Data Modeler, Sparx Enterprise Architect); Utilizes available IBM MS SQL Server tools (e.g., QMF and QMF for Workstation, MS SQL Server Administration, Query Monitor, db2top, Recovery Expert, Cloning Tool, Object Comparison Tool) and other supporting tools (e.g., File AlD for MS SQL Server); Creates queries and stored procedures needed to identify and cleanse data incompatibilities between new and old environments; Leads specification, capacity planning, monitoring and reporting activities related to database configuration and sizing per project need and expected transaction volumes; Performs System Administration, which includes database security, configuration, troubleshooting, performance monitoring, and tuning to address performance issues and improve response times; Facilitates direct support to application developers and testers including responding quickly to data base maintenance at regular intervals to maximize data availability; Conducts backup and restore of MS SQL Server databases used to support development and testing, verifies implementation of onsite/offsite backup and recovery strategies, develops recovery procedures, supports recovery of data loss
	 Develops training criteria, training plans, course design, handouts, and provides training and knowledge transfer to staff.
UI/UX Designer	 Primarily responsible for: Leading the interface design process and coordinates with development teams to ensure designs are implemented correctly Contributing to design standards and promotes user-centered design throughout the organization Helping build a roadmap for an innovative and holistic user experience across the product portfolio Developing user-centered guidelines, standards, and design processes and integrates them into the product development lifecycle Coordinating with business stakeholders to understand and document business and functional requirements related to the end-user experience Understanding user needs based on business and functional requirements, user research, market analysis, customer feedback, and usability findings Developing user interaction and interface deliverables, including sketches, wireframes, and visual designs Building strong relationships with technical and non-technical stakeholders across the organization Participating in the process of collecting feedback from client teams and other stakeholders Participating in the design and implementation of user research and usability testing to better understand end-user needs Ensuring that third-party applications and products are customized to deliver a consistent end-user experience

C. State Roles and Responsibilities

STATE ROLE	RESPONSIBILITY
Product Owners	DHHS will provide one Product Owner. The Product Owner is an empowered individual who will
and Product Manager	interface with the client's stakeholders, synthesize feedback, and make decisions on the product's priorities and scope. NE will also assign a Product Manager as scaling requires it to oversee all Product Owners assigned. The Product Manager, working with stakeholder interests, user needs, and insight from the product team, will establish the vision and goals for the platform and the solution and prioritize user stories to include in sprints and strategize release cycles. The Service Manager will be responsible for managing the Program and Product Backlog and related issues.
Solution Architect and Technical Architect	DHHS will provide one Solution Architect and one Technical Architect. The Technical Architect will be responsible for providing the overall technical vision for the iServe Nebraska Portal, identifying technical standards and guidelines; and, providing technical oversight. Specifically: Planning the Architectural Runway, Actively supporting design and steering of CI/CD pipeline, supporting the definition of Non Functional Requirements, partnering with solution and enterprise architects to elaborate Capabilities and Epics, Supervises and fosters built-in quality. The Solution Architect will be responsible for the highest-level, system-wide decisions (system decomposition, interfaces, and allocations of requirements to various subsystems and capabilities). They also establish the solution intent's organizational structure to support future analysis and needs to help drive localized decisions in the teams' backlogs
Agile Coach/ Release Train Engine (RTE)	DHHS will provide one Agile Coach who will also fill the role of RTE as scaling requires it. The Agile Coach will ensure that development teams are adopting and using agile processes and performing effectively. The Agile Coach will assess the culture of the team and delivery processes in place to identify improvements and facilitate these improvements with the right type of support. The Agile Coach will ensure key metrics and requirements that support the team and delivery are well defined and maintained.
Scrum Master	 DHHS will provide one Scrum Master experienced in setting up teams for successful delivery by removing obstacles (or blockers to progress), constantly helping the team to become more self-organizing, and enabling the work the team does rather than impose how it's done. Manages one (1) or more agile projects, typically to deliver a specific product or transformation via a multi-disciplinary, high-skilled digital team. Adept at delivering complex digital projects, breaking down barriers to the team, and both planning at a higher level and getting into the detail to make things happen when needed. Defines project needs and feeds these into the portfolio/program process to enable resources to be appropriately allocated. Primarily responsible for: Delivering projects and products using the appropriate agile project management methodology, learning & iterating frequently; Working with the Service Manager to define the roadmap for any given product and translating this into user stories; Leading the collaborative, dynamic planning process – prioritizing the work that needs to be done against the capacity and capability of the team; Matrix-managing a multi-disciplinary team; Ensuring all products are built to an appropriate level of quality for the stage (alpha/beta/production); and
QA Lead	DHHS will provide one QA lead. The QA Lead is responsible for organizing, managing and leading the solution testing across all delivery teams. They define testing strategies to ensure standards are met and risks are managed. The QA lead also assist in process improvement across the solution delivery spectrum.
Lead Analyst	DHHS will provide three (3) Lead Agile Business Analysts involved in business troubleshooting and implementing Agile Analysis, which includes communicating with stakeholders, working with development teams to create appropriate software, providing direct feedback to teams, and using a quick and personal approach to solve business issues.

D. Staff and Rates

The Contractor's staff shall perform the tasks described in this Work Order, at the rates indicated in the Cost form.

- 1. Given the size, scope, and complexity of this work, it is of utmost importance that the Contractor shall be responsible for monitoring the monthly hours billed to ensure the staff(s) effectively meet(s) the needs of the State.
- 2. Changes in cost estimates that do not alter the total cost of a Work Order will be conveyed to the State in writing. The rationale for the change shall be included. The State shall approve any change to the cost estimates that do not alter the total cost in writing. The identified staff(s) will perform the tasks described and at the rates indicated in this Agreement. The Bidder shall identify its staffs by name and hourly rate.
- **3.** The assigned staff(s) will perform the tasks described in this Work Order, at the rates indicated in Cost Form. The Bidder shall identify each staff by name, labor category, and hourly rate.

E. Addition, Deletion, or Substitution of Staff

- 1. The Contractor Bidder shall not add and/or substitute staff without the prior written consent of DHHS, which consent shall not be unreasonably withheld. The Contractor shall make every reasonable effort to provide suitable substitute staff. The additional and/or substitute staff shall meet all the requirements and shall be approved in writing by DHHS prior to substitute staff beginning work.
- 2. Additional and/or substitute staff shall not automatically receive the hourly rate of the staff or positions being replaced. DHHS and the Contractor Bidder shall negotiate the hourly rate of any additional and/or substitute staff to the Agreement. The hourly rate negotiated shall be dependent, in part, upon the experience and individual skills of the proposed additional and/or substitute staff. The negotiated hourly rate shall not exceed the hourly rate for that position as set forth in the Agreement.
- **3.** The DHHS Project Director or designee may request that Contractor replace a staff member and shall advise Contractor in writing of the basis for the request. In such event, Contractor shall provide a proposed replacement candidate's resume within seven (7) Calendar Days of the date the requested replacement is made by the State.
- 4. If substituting staff is acceptable by the State and permissible by this Agreement:
 - a. The Contractor shall submit an Add, Delete or Substitute Staff Request Form; a completed Staff Resume Table, signed Staff Reference Forms, from all references listed on the Staff Resume Table to validate the experience listed and any required degrees. The request and the completed documents shall be provided to the DHHS Contract Manager for review and approval. DHHS will provide a disposition of the request and related materials within ten (10) business days after receipt of these documents. However, addition of staff may require an amendment to this Agreement.
 - **b.** The Contractor and DHHS Contract Manager shall negotiate a staff start time which is agreeable to both Parties.
- 5. If the addition, substitution and/or deletion does not increase the total cost of the Agreement, an amendment may not be required to make this change to the Agreement.

VI. STAFF EXPERIENCE AND REFERENCES

Bidd	er Name:						
	osed Staff's						
Nam	-						
Role		Service Ma		_			
MQ #	Manda Qualifica		Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	Stat	Belevant Experience Description ff's role and description he relevant experience on the project(s).		Reference Contact contact Name, Company ame, Phone Number, and Email
1	The Service shall have at (3) years of Equivalent experience primary responsible delivery, success, and improvement	least three Full-Time (FTE) as the person for the ongoing continuous on at least	Company Name: Project Name: a. Time Period: Percentage of Time:	 a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:
	two (2) agile projects or pla		Company Name: Project Name: b. Time Period: Percentage of Time:	- b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
			Total Duration:				
2	The Service shall have at (3) years experience software de and design i environment.	least three of FTE managing evelopment	Company Name: Project Name: a. Time Period: Percentage of Time:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:
			Company <u>Name:</u> Project Name: b. Time <u>Period:</u> Percentage of Time: Total Duration:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
3	The Service shall have at (3) years management experience product descr delivery plans	least three of FTE creating riptions and	Company Name: Project Name: a. Time Period:	a	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:

Bidd	er Name:				
Prop Name	osed Staff's e:				
Role		Service Ma	inager		
MQ #	Manda Qualifica	-	Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
			Percentage of Time: Company Name: Project Name: b. Time Period: Percentage of Time:	Role: b. Description of relevant experience:	Contact Name: Company Name: Phone b. Number: Email:
			Total Duration:		

Bidde	er Name:				
	osed Staff's				
Name			-		
Role:		UI/UX Designe		Relevant Experience	Reference
MQ #	Mandatory (Qualifications	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY</i> - <i>MM/DD/YY</i>), and % of time	Staff's role and description of the relevant experience on the project(s).	Contact Contact Name, Company Name Phone Number, and Email
1	experience v preferably a experience/us designer, h	uman factors animation, or	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: a. Description of relevant experience:	Contact Name: Company Name: Phone a. <u>Number:</u> Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	Role: b. Description of relevant experience:	Contact Name: Company Name: b. Phone Number: Email:
			Total Duration:		
2	translating I	perience in business and juirements into cifications;	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: a. Description of relevant experience:	Contact Name: Company Name: a. Phone Number: Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	Role: b. Description of relevant experience:	Contact Name: Company Name: Phone b. Number: Email:
			Total Duration:		1
3	prototyping t	with wireframe cools such as cetchflow or d equivalents;	Company Name: Project Name: a. Time Period: Percentage	a. Description of relevant experience:	Contact Name: Company Name: Phone a. <u>Phone</u> Number: Email:

Bidde	er Name:				
	osed Staff's				
Name Role:		UI/UX Designe	Nr.		
MQ #		Qualifications	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
			Company <u>Name:</u> Project Name: b. Time <u>Period:</u> Percentage of Time:	Role: b. Description of relevant experience:	Contact Name: Company Name:
			Total Duration:		
4	agile develo	working in an opment cycle; ith risk taking.	Company <u>Name:</u> Project Name: a.	Role: Description of relevant a. experience:	a. Number:
			Time Period: Percentage of Time: Company Name:	– Role:	Email: Contact Name:
			Project Name: b. Time Period: Percentage of Time:	b. experience:	Company Name: Phone b. Number: Email:
_			Total Duration:		
5	Experience w	ith risk taking.	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: <u>Description of relevant</u> a. experience:	Contact <u>Name:</u> Company <u>Name:</u> a. <u>Phone</u> <u>Romber:</u> Email:
			of Time: Company Name: Project Name: b. Time Period: Percentage of Time:	Role: Description of relevant b. experience:	b. Email: Contact Name: Name: Phone Number: Email:

Bidd	er Name:				
	osed Staff's				
Nam	-				
Role		UI/UX Designe	r		
MQ #	Mandatory (Qualifications	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
			Total Duration:		
	er Name:				
Prop Nam	osed Staff's e:				
Role		Delivery Mana	ger (Scrum Master)		
MQ #	Mandatory (Qualifications	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
1	least three (3 experience r delivering on agile softwar	r) shall have at) years of FTE nanaging and at least two (2) e projects or at are similar in	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: a. Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	Role: b. Description of relevant experience:	Contact Name: Company Name: Phone b. Number: Email:
	T I D I		Total Duration:	T	
2	least three (3	er) shall have at) years of FTE ent experience omplex digital	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: a. Description of relevant experience:	Contact Name: Company Name: a. Phone a. Number: Email:
			b. Time Period: Percentage	Role: b. Description of relevant experience:	Contact Name: Company Name: Phone b. Phone Number: Email:

	er Name:				
Prop Nam	osed Staff's				
Role	-	UI/UX Designe	r		
MQ #		Qualifications	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY</i> - <i>MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name Phone Number, and Email
			Total Duration:		
3		er) shall have at) years of FTE serving as a	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: a. Description of relevant experience:	Contact Name: Company Name: Phone a. <u>Number:</u> Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	Role: b. Description of relevant experience:	Contact Name: Company Name: Phone b. Phone Number: Email:
			Total Duration:		
4		er) shall hold a elated to Scrum ified Scrum	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: a. Description of relevant experience:	Contact Name: Company Name: Phone a. Number: Email:
			Company Name: Project Name: b. Time Period: Percentage of Time: Total Duration:	Role: Description of relevant b. experience:	Contact Name: Company Name: Phone b. Number: Email:

	er Name:						
-	osed Staff's						
Nam Role	÷-						
Role	•	Lead Cloud	App Developer	_			
MQ #	Manda Qualifica		Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Sta	Relevant Experience Description aff's role and description the relevant experience on the project(s).		Reference Contact Contact Name, Company ame, Phone Number, and Email
1	The Lead C Developer sh least two (2) FTE experien the developn least two (2) p are similar in this RFO.	all have at) years of ice leading nent of at rojects that	Company Name: Project Name: a. Time Period: Percentage of Time:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
			Total Duration:			1	
2	The Lead C Developer sh least three (FTE developing deploying ba applications i	all have at 3) years of experience and ckend web	Company Name: Project Name: a.	a.	Role: Description of relevant experience:	а.	Contact Name: Company Name: Phone Number:
	environment.	5	Time Period: Percentage of Time:	-			Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
			Total Duration:	1		1	
3		all have at) years of ice in each ig: ping web	Company <u>Name:</u> Project Name: a.	а.	Role: Description of relevant experience:	а.	Contact Name: Company Name: Phone Number:
	Java; b. Writing	ions using the back- modern	Time Period: Percentage of Time:				Email:

	er Nar					
		Staff's				
Name: Role: Lead Cloud				d App Developer		
MQ #		Manda Qualifica	tory	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
	c. d. e.	applicat Develop consum based, I APIs; Writing applicat a test-d deployn approac Develop executin automa integrat accepta and Develop backeno	bing and ing web- RESTful web ions using riven hent bing and hg ted unit, ion, and ince tests; bing d web ions that e with al and ational se	Company Name: Project Name: b. Time Period: Percentage of Time: Total Duration:	Role: b. Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:

	lder Name: oposed Staff's			
Na	me:			
Ro	le: Cloud App	Developer 1		
M Q #	Mandatory Qualifications	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
1	Each Cloud App Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment.	Name: Project Name: a Time Period: Percentage of Time:	Role: a Description of relevant · experience:	Contact Name: Company Name: a. Phone Number: Email:
		Company Name: Project Name: b <u>Time Period:</u> Percentage of Time: Total Duration:	Role: b Description of relevant · experience:	Contact Name: Company Name: b. Phone Number: Email:
2	Each Cloud App Developer	Company		Contact
	shall have at least two (2) years of FTE experience in at least one of the following, and between all team members each of the following must be covered: a. Developing web applications using	Aame: Project Name: a Time Period: Percentage of	Role: a Description of relevant · experience:	Name: Company Name:
	Java; b. Writing the back-ends of modern open- source web applications;	Time: Company Name: Project Name: b	- Role:	Contact Name: Company Name:
	 c. Developing and consuming web- based, RESTful APIs; d. Writing web 	Time Period: Percentage of Time:	Description of relevant · experience:	b. Phone <u>Number:</u> Email:
	applications using a test-driven deployment; e. Developing and executing automated unit, integration, and	Total Duration:		
	acceptance tests; f. Configuring and executing load and performance testing; g. Configuring and			
	integrating enterprise user authentication tools:			

Bid	der Name:				
	posed Staff's ne:				
Ro	le:	Cloud App D)eveloper 1		
M Q Mandatory Qu #		alifications	Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
	web applic integrate v relational systems; i. Handling l sets and s storage; a j. Developin	and non- database arge data ccaling their nd g backend cations <u>that</u> ole search			

Bic	Ider Name:				
	posed Staff's				
	me:				
Ro	le:	Cloud App D	eveloper 2		
MQ #	Mandatory Qu		Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
1	Each Cloud Ap shall have at l years of FTE with delivery digital projects environment.	least two (2) experience of complex	Company Name: a Project Name: - Time Period: Percentage of Time: Company Name: b Project Name: . Time Period: Percentage of Time: Time Period: Percentage of Time: Total Duration:	Role: a Description of relevant experience: b Role: Description of relevant experience:	Contact Name: a Company Name: Phone Number: Email: Contact Name: b Company Name: Phone Number: Email:
2	of moderr source we applicatio c. Developir consumin based, RI	least two (2) experience in the following, all team ch of the be covered: ng web ins using e back-ends n open- eb ins; ng and ig web- ESTful APIs;	Company Name: Project Name: a	a Description of a Description of b . Role: Description of relevant experience:	Contact Name: Company Name: a Phone . Number: Email: Contact Name: Company Name: b Phone . Number: Email:
	d. Writing web applications using a	Period: Percentage			

Bic	Ider Name:				
Pro	posed Staff's	;			
Na	me:				
Ro	le:	Cloud App	Developer 2		
M Q #	Mandatory Qualifications		Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
	unit, inte accepta f. Configu executir perform g. Configu integrati user aut tools; h. Develop web app integrato relationa systems i. Handlin sets and storage j. Develop web app	nent; ing and ing automated agration, and ince tests; ring and ing load and ance testing; ring and ing enterprise hentication ing backend blications that a and non- al database ; g large data d scaling their and ing backend blications that a ble search	Total Duration:		

	der Name:				
	posed Staff's				
	Name: Role: Cloud App D		Developer 3		
M Q #	Mandatory Qu	L	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY</i> - <i>MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
1	Each Cloud Ap shall have at le years of FTE with delivery digital projects environment.	east two (2) experience of complex	Company Name: Project Name: Time Period: Percentage of Time: Company Name: Project Name: b Time Period: Percentage of Time: Total Duration:	a Role: · Description of relevant experience: b Role: · Description of relevant experience: Description of relevant experience: Description of relevant experience:	Contact Name: a Company Name: Phone Number: Email: b Contact Name: Company Name: Phone Number: Email:
2	 following must b a. Developin application Java; b. Writing the of modern source we application c. Developin consuming based, RE d. Writing we application test-driven deployment e. Developin 	east two (2) xperience in he following, all team th of the be covered: g web hs using b back-ends open- b s; g and g web- STful APIs; b hs using a ht; g and automated ration, and	Company Name: Project Name: Time Period: Percentage of Time: Company Name: Project Name: b Time Period: Percentage of Time: Total Duration:	Role: Description of relevant experience: B Role: Description of relevant experience:	A Contact Name: Company Name: Phone Number: Email: b Contact Name: Company Name: Phone Number: Email:

Page 31

Bid	Ider Name:				
	oposed Staff's me:				
Ro	-	Cloud App [Developer 3		
M Q #	Mandatory Qualifications		Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
	g. Configurir integrating user auth tools;	load and nce testing; ng and g enterprise entication			
	 h. Developing backend web applications that integrate with relational and non- relational database systems; i. Handling large data 				
	sets and s storage; a	scaling their and			
	web appli	ng backend cations that ble search y.			

Bidder Name: Proposed Staff's Name:					
Proposed Staff's Name: Role: Cloud A					
			App Developer 4		
M Q #	Mandatory Qualificat	ions	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
1	Each Cloud App Deve shall have at least tw years of FTE experience delivery of complex projects in an environment.	vo (2) e with	Company Name: a Project Name: <u>Time Period:</u> Percentage of Time: Company Name: Project Name: b <u>Time Period:</u> Percentage of Time: Total Duration:	Role: a Description of relevant experience: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email: b Contact Name: Company Name: Phone Number: Email:
2	 Each Cloud App Devision Fach Cloud App Devision shall have at least twe years of FTE experience least one of the following must be covered and between all members each of following must be covered a. Developing web applications using Java; b. Writing the back-experiment of modern open-s web applications; c. Developing and consuming web-be RESTful APIs; d. Writing web applications using test-driven deploy e. Developing and executing automa unit, integration, a acceptance tests; f. Configuring and executing load an performance testing. 	vo (2) e in at owing, team the red: ends ource ased, ased, a ment; ted nd	Company Name: Project Name: Time Period: Percentage of Time: Company Name: Project Name: b Time Period: Percentage of Time: Total Duration:	a Role: · Description of relevant experience: b Role: · Description of relevant experience: Description of relevant experience: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email: b Contact Name: Company Name: Phone Number: Email:

Bid	der Name:							
Pro	posed Staff's Name:							
Rol	Role:		Cloud App Developer 4					
NQ#	Mandatory Qualifications		Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email			
	user authentication tools; h. Developing backet web applications integrate with relationate database systems i. Handling large dates sets and scaling to storage; and j. Developing backet web applications use scalable sear technology.	end that tional l s; ta heir end <u>that</u>						

	Ider Name:			
	posed Staff's Name:			
Ro	le: Cloud	App Developer 5		
M Q #	Mandatory Qualifications	Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY</i> - <i>MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
1	Each Cloud App Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment.	Company Name: a Project Name:	Role: a Description of relevant experience: b Role:	Contact Name: Company Name: Phone Number: Email: b Contact Name: Company Name:
		Time Period: Percentage of Time:	Description of relevant experience:	Phone Number: Email:
_		Total Duration:		- · · · ·
2	Each Cloud App Developer shall have at least two (2) years of FTE experience in at least one of the following, and between all team members each of the following must be covered:	Company Name: Project Name: a <u>Time Period:</u> Percentage of Time:	Role: a · Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:
	a. Developing web applications using Java;	Company Name:	^b Role:	b Contact Name:
	 b. Writing the back-ends of modern open-source web applications; c. Developing and 	Project Name: b	Description of relevant experience:	Company Name: Phone Number:
	consuming web-based, RESTful APIs; d. Writing web applications using a test-driven	Time Period: Percentage of Time: Total Duration:		Email:
	deployment; e. Developing and executing automated unit, integration, and acceptance tests;			
	 f. Configuring and executing load and performance testing; 			
	 g. Configuring and integrating enterprise user authentication tools; h. Developing backend web applications that integrate with relational and non-relational 			
	database systems; i. Handling large data sets and scaling their storage; and			

Bid	der Name:				
Pro	posed Staff's Name:				
Ro	e:	Cloud	App Developer 5		
M Q #	Q Mandatory Qualifica		Project Description Company Name, Project Name, Time Period (<i>MM/DD/YY - MM/DD/YY</i>), and % of time	Relevant Experience Description Staff's role and description of the relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email
	 j. Developing backet web applications use scalable sear technology. 	that			

Bidde	er Name:							
	osed Staff's							
Name								
Role:	Role: Legacy Sys		stem Developer / Architect					
MQ #	Manda Qualifica				Relevant Experience Description Staff's role and description of the relevant experience on the project(s).		Reference Contact Contact Name, Company Name, Phone Number, and Email	
1	The Legacy Developer / shall have at le years of FTE leading the de of at least projects that in scope to thi	Architect east two (2) experience evelopment two (2) are similar	Company Name: Project Name: a. Time Period: Percentage of Time:	а.	Role: Description of relevant experience:	а.	Contact Name: Company Name: Phone Number: Email:	
			Company Name: Project Name: b. Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:	
			Total Duration:					
2	The Legacy S Developer / A shall have at (3) years of F experience de and deploying modernized le	rchitect least three TE eveloping g gacy	Company Name: Project Name: a.	а.	Role: Description of relevant experience:	а.	Contact Name: Company Name: Phone Number:	
	applications in a m SOA environment		Time Period: Percentage of Time: Company				Email: Contact	
			Name: Project Name: b. Time	b.	Role: Description of relevant experience:	b.	Name: Company Name: Phone Number: Email:	
	<u>-</u> , .		Period: Percentage of Time: Total Duration:					
3	lega	Architect t least two of FTE n each of ernizing	Company Name: Project Name: a. Time Period: Percentage	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:	
			of Time:					

Bidd	er Nam	e:								
	osed S	Staff's								
Nam	-									
Role: Legacy Sys			Legacy Sy	stem Developer / Architect						
MQ #		Manda ualifica	ations	Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time		Relevant Experience Description Staff's role and description of the relevant experience on the project(s).		Reference Contact Contact Name, Company Name, Phone Number, and Email		
	C. C. d. e. f. f. i	and 0 Develop API inte with mo and con architec Develop consum based, I APIs; Modern legacy applicat a test-di deployn approac Develop executir automa integrati accepta and Develop backeno	dern SOA ttainerized ture; bing and ing web- RESTful izing ions using riven hent ch; bing and ng ted unit, ion, and nce tests; bing d ions that e with al and ational	Company Name: Project Name: b. Time Period: Percentage of Time: Total Duration:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:		

Bidd	er Name:							
	osed Staff's							
Nam								
Role		DevOps En						
MQ #	Manda Qualific		Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), of the r		Relevant Experience Description ff's role and description the relevant experience on the project(s).		Reference Contact Contact Name, Company Name, Phone Number, an Email	
1	shall have ex a DevOps En least two	gineer in at (2) Digital velopments	Company Name: Project Name: a. Time Period: Percentage of Time:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:	
			Company Name: Project Name: b. Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:	
			Total Duration:	1				
2	The DevOps shall have at I years of FTE with the imp and delivery digital project environment.	least two (2) experience lementation of complex	Company Name: Project Name: a. Time Period: Percentage of Time:	а.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:	
			b. Time Period: Percentage of Time: Total Duration:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:	
3	The DevOps shall have at I year of FTE with each following: a. Developi impleme	east one (1) experience of the ing and	Company Name: Project Name: a. Time Period:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:	

Bidd	er Na	ame:							
Prop Nam		Staff's							
Role	:		DevOps En	gine	er				
MQ #		Manda Qualifica			Project Description ompany Name, Project Name, Time Period M/DD/YY - MM/DD/YY), and % of time	Sta	Relevant Experience Description aff's role and description the relevant experience on the project(s).		Reference Contact ontact Name, Company me, Phone Number, and Email
	b. c. d.	scripting; Impleme Configura manager (e.g., Ans Impleme Continuo deployme (e.g., Do Impleme Continuo	nting ation nent tools sible); nting ous ent tools cker); nting ous	b.	Percentage of Time: Company Name: Project Name: Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
	e.	Impleme	nkins); and nting continuous	Το	tal Duration:				

der Name:				
posed Staff's				
ne:				
e:	SQL Se	rver Database Administrator (Cloud App Developer)	
Mandatory Qualific	ations	Company Name, Project Name, Time Period (<i>MM/DD/</i> YY - <i>MM/DD/</i> YY),	Relevant Experience Description Staff's role and description of the relevant experience on the project(s)	Reference Contact Contact Name, Company Name, Phone Number, and Email
Administrator (Clou Developer) shall h least five (5) years experience as a Da Administrator respons the following: a. SQL Server data administration, S Server database configuration, SC Server data repli SQL Server utilit SQL Server utilit SQL Server reso monitoring; b. SQL Server z/O and dynamic SC c. SQL Server z/O database backup recovery, perform tuning, configuration	d App ave at of FTE atabase sible for abase SQL cation, ies, purce S static QL; and S o, mance	Company Name: Project Name: a Time Period: Percentage of Time: Company Name: Project Name: b Time Period: Percentage of Time: Total Duration:	Role: a Description of relevant experience: Role: b Description of relevant experience:	Contact Name: Company a Name: Phone Number: Email: Contact Name: Company b Name: Phone Number: Email:
The SQL Server Da Administrator (Clou Developer) shall h least one (1) year Server da administration exp	d App ave at of SQL atabase perience	Company Name: Project Name: a Time Period: Percentage of Time: Company Name: Project Name: b Time Period: Percentage of Time: Total Duration:	Role: a Description of relevant experience: Role: b Description of relevant experience:	Contact Name: Company a Name: Phone Number: Email: Contact Name: Company b Name: Phone Number: Email:
	e: Mandatory Qualific The SQL Server Da Administrator (Clou Developer) shall h least five (5) years experience as a Da Administrator respon- the following: a. SQL Server data administration, S Server database configuration, SC Server data repli SQL Server utiliti SQL Server utiliti SQL Server reso monitoring; b. SQL Server z/O and dynamic SC c. SQL Server z/O database backup recovery, perforn tuning, configuration, SC C. SQL Server z/O database backup recovery, perforn tuning, configuration, SC Administrator (Clou Developer) shall h least one (1) year Server database backup vith SQL Server v	posed Staff's ne: e: SQL Se Mandatory Qualifications The SQL Server Database Administrator (Cloud App Developer) shall have at least five (5) years of FTE experience as a Database Administrator responsible for the following: a. SQL Server database administration, SQL Server database configuration, SQL Server data replication, SQL Server resource monitoring; b. SQL Server z/OS square space addynamic SQL; and c. SQL Server z/OS database backup, recovery, performance tuning, configuration and design. The SQL Server Database Administrator (Cloud App Developer) shall have at least one (1) year of SQL Server database administration experience with SQL Server v 9.1 or	posed Staff's ne: SQL Server Database Administrator (C Project Description Company Name, Project Mandatory Qualifications Project Description Mandatory Qualifications Company Name, Project The SQL Server Database Mame, Time Period Administrator (Cloud App Project Name: Developer) shall have at Project Name: least five (5) years of FTE a Administrator responsible for Time Period: the following: a. SQL Server database a. SQL Server datapase Company Name: configuration, SQL Server data replication, SQL Server z/OS monitoring; b. SQL Server z/OS Time Period: mand dynamic SQL; and Project Name: c. SQL Server Z/OS Time Period: database backup, recovery, performance tuning, configuration Administrator (Cloud App Developer) shall have at E least one (1) year of SQL a Server database administration experience Time Period: with SQL Server v 9.1 or Project Name:	posed Staff's me: SQL Server Database Administrator (Cloud App Developer) Image: SQL Server Database Administrator (Cloud App Developer) Project Description Company Name, Project Name, Time Period Relevant Experience Description The SQL Server Database Administrator (Cloud App Developer) shall have at least five (5) years of FTE experience as a Database Administrator responsible for the following: Company Name: Role: a a . . Description of relevant experience: Server database administration, SQL Server database configuration, SQL Server resource monitoring; Company Name: Role: b b . . Description of relevant experience: b . Description of relevant experience: configuration, SQL Server resource monitoring; SQL Server r2/OS static and dynamic SQL; and c. SQL Server Database Administration experience with SQL Server v Database Administration experience with SQL Server v 9.1 or greater on z/OS. Company Name: Role: a Company Name: Project Name: a a a company Name: Project Name: b a b company Name: Project Name: a a b Description of relevant experience: Server database administration experience with SQL Server v 9.1 or greater on z/OS.

Each Project Description, Relevant Experience Description and Reference Contact should be tied together with a lower case letter, as it appears in the previous Example (*add "b"*, *"c"*, *etc. as necessary*). Reference contacts should be able to validate the experience provided.