SOLICITATION NUMBER: 106928 O3 – Work Order 1	RELEASE DATE: March 8, 2021	
OPENING DATE AND TIME	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 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 Initial Product Solution Vision (PSV) Planning. It addresses the review of planning work, to date, and its completion. The Work Orders will cover the activities associated with defining the Product/Solution Vision (PSV) and related execution maps as well as planning related to the initial set of targeted solution product increments (PI). 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.

ACT	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:
 - https://nebraskastategov.sharefile.com/r-r16f0bff4ff004ec6bc2a88e8cc3a1667
 - 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 1 ABC Company
- II. If multiple files are submitted for one Work Order proposal, add number of files to file names: iServe WO 1 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 1 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

The following sections must be completed for DHHS to review a proposal for Work Order 1:

- 1. Section III PSP Work Order #1 Cost Form
- 2. Section IV Evaluation Questions of the Work Order
- 3. 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 - PSP Work Order #1 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; and
- b. Bidders must be qualified to bid on Work Orders related to Service Area 2: Agile Software Development described in the RFQ section VI.B.3.b.

3. Evaluation Criteria

All responses to Work Order 1, 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 2 (Agile Software Development) 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 1 Questions". DHHS is not obligated to respond to questions that are received late.

It is preferred that questions be sent via e-mail to dhhs.rfpquestions@nebraska.gov, 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 https://das.nebraska.gov/materiel/purchasing/iServe%20RFQ/iServe.html per the Scehdule 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

A. Work Order Reference Information			
Work Order Number: 1	Request Type: Initiate Product Solution Planning (PSP)	Service Type: 2 – Agile Application Development Services	

- B. This Work Order is subject to CMS approval. The Start Date is contingent upon receiving approval from CMS.
- C. The final deliverables of this work order are a completed initial planning cycle documents related to the product/solution vision (PSV) for Portal MVP where all state work, to date, has been inspected and adapted where necessary. That final deliverables may impact future Work Orders released to the iServe Nebraska vendor pool. The awarded Bidder of this Work Order cannot evaluate and direct the resulting deliverable in a way that would disadvantage Bidders in future Work Order bids for related work. Recommendations and proposals cannot utilize a solution component that is unique or proprietary to the winning Bidder's organization. Only industry standards and best practices must be applied.

D. Product Solution Vision (PSV) Description:

For overall solution context, the State of Nebraska Department of Health and Human Services (DHHS) is the State's lead agency in helping people live better lives. DHHS is responsible for administering numerous programs and services throughout Nebraska, including Medicaid and Long-Term Care, Developmental Disabilities, Public Health, Behavioral Health and Children and Family Services.

DHHS has embarked on the iServe Nebraska Program initiative to improve access, outcomes, user experience, accountability and quality of DHHS services through an integrated, consumer-centric model of practice, across all programs. DHHS intends iServe Nebraska to be adaptive and incremental, enabling the state to move from a siloed and program-based business model, to an integrated service delivery model that is family and person-centered, focused on improving the overall health and well-being of all family members. DHHS aims to ensure that Nebraskans have the resources needed to become self-sufficient and high contributing members of their communities.

This transformation will be enabled by the implementation of the "iServe Nebraska Platform" – an information and technology platform initially supporting Integrated Benefits Eligibility and Enrollment Management (IBEEM) functionality. The "iServe Nebraska Portal" is to be a foundational technology component of the iServe Nebraska Platform.

With this Work Order, the State seeks to procure the technology and key subject matter expertise needed to review and elaborate on the to date planning for the implementation of the iServe Nebraska Portal minimum viable product (MVP) capabilities due for implementation by April 2022. Specifically, the iServe Nebraska Portal MVP will support the submission of an integrated eligibility application for DHHS' Medicaid, Developmental Disability Waivers associated to MLTC, and Economic Assistance programs. DHHS seeks Bidders who will use the SAFe (Scaled Agile Framework) Methodology to plan for the eventual design, incremental build and delivery of components of the iServe Nebraska Platform, including the iServe Nebraska Portal MVP.

DHHS has defined the iServe Nebraska Portal MVP as the minimum set of features and capabilities that:

- (1) Support an integrated eligibility application submission experience across three, currently stand-alone program benefit applications (Developmental Disability, Economic Assistance, and Medicaid Long Term Care)
- (2) Provide ability for clients to create and self-manage their iServe Nebraska Portal user account and view the status of the progress of their benefit application from start to benefit application submission. DHHS may include an ability to view status of eligibility determination within the NFOCUS legacy system from the portal (as part of MVP).
- (3) Provide ability for clients to upload documents in support of their application; and
- (4) May provide ability for clients to communicate with DHHS through bi-directional secure messaging within the portal.

To complete the product vision, these capabilities will be accessed through a desktop or mobile optimized web application which is supported by a cloud based environment implemented through a Continuous Integration, Continuous Deployment (CI/CD) pipeline using MITA compliant architecture which is appropriately integrated to DHHS, State of Nebraska, Federal and Private systems and data. The capabilities will also be supported by business process updates to associated internal processes in order to gain efficiency in delivery to our client base.

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 Planning (PSP) Overview:

The purpose of this planning Work Order is to substantiate the iServe Nebraska Portal state team's planning to date and set the foundation for the development of the required infrastructure and functionality related to the iServe Nebraska Portal (MVP) delivery. 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.

The Contractor will collaborate with the existing iServe Nebraska Portal state team in inspecting all planning, and planning related work products completed to date, to arrive at the most experienced, holistic solution and approach - inclusive of all in-scope capabilities, and surrounding technology and processes (business or technical operations). The resulting work products will promote a successful implementation. The Contractor should bring all past experience and known best practices to the solution planning resulting in the best solution, team structure and most executable roadmap.

The planning to be completed will cover 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 B2B and B2C eCommerce services. Secure facilitation of transactions between State of Nebraska, citizens and vendors. 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. The DHHS iServe Portal team has some familiarity with agile and SAFe but additional coaching and support is expected.

Any onsite and/or virtual orientation and training sessions (i.e., full team overview or JIT training/use of SAFe tools to complete this planning effort) that would enhance the delivery team's approach or leadership's adoption of that approach in the "short-term" should be included in the proposal inclusive of time, duration, and audience being mindful of the delivery team end date and deliverables.

Training of the larger "long term" organizational change management/agile transformation to support the iServe Nebraska program as it scales for subsequent deliverables, is not included in this Work Order.

Training related to scaling beyond Portal MVP readiness should be categorized as such and may be included as context for state consideration and inclusion in future state Work Orders or timelines.

The following areas are out of scope of the planning effort:

- (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.
- 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 the 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 Planning (PSP) Benefits:

By completing the iServe Nebraska Portal (MVP) solution planning activities and deliverables, DHHS expects to confirm, identify gaps in, and enhance their iServe Nebraska Portal (MVP) vision and roadmaps for all Product Increments, their associated objectives, effort/ supplier cost/duration estimates, and architectural guidelines involved with delivery on this solution (iServe Nebraska Portal MVP) by a non-negotiable end date of April 2022.

The Contractor should propose other activities and deliverables that are appropriate for the type of planning activities within the SAFe methodology framework. This planning can be related to any aspect of the product solution vision (PSV) that would allow for a more efficient delivery (e.g., tools, processes, technology, and training).

The goal of this collaborative planning is to ensure the solution's execution and work packages are properly planned for and can be successfully managed across the determined Product Increments and have the appropriate features aligned for story development and sprint/PI cadence.

This planning will result in a framework to 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:

Contractor should provide a completed and agreed upon set of Product Solution Planning 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.

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 (impact analysis)

Secondarily through the identification and collaborative adaptation of ideas that would mitigate any gaps in the planning and assessment to date.

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
	Infrastructure for Delivery Related Items:	
(1)	Delivery Team Roles and Process associated to the iServe Nebraska Portal (MVP) Integrated Eligibility Application development	14.3%
(2)	Delivery Team Roles and Process Refinement activities associated to the Microsoft® Azure ExpressRoute configuration and deployment including AD B2B and B2C foundation	14.3%
(3)	Delivery Team Roles, Processes and activities associated to the use of the foundational Continuous Integration / Continuous Deployment System Team to develop and setup the tools, their integration and strategy for their use in joint CI/CD inclusive of testing	14.3%
(4)	Delivery Team Roles and Processes/ Planning of Legacy Eligibility System (NFOCUS) Integration for automated processing of the integrated applications	14.2%
	Scope Related Items:	
(5)	Lean Business Case and Effort Estimate Refinement based on collaborative planning	14.3%
(6)	Solution Roadmap Refinement based on collaborative planning effort	14.3%
(7)	Product Increment Scheduling and Product Roadmap Refinement based on collaborative planning	14.3%
		100%

H. PSP Realization Deadline:

All activities and planned deliverables must be completed within 10 (ten) weeks of Work Order initiation.

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 planning activities and deliverables to be completed within 10 (ten) 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.

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 PLANNING WORK ORDER #1 COST FORM

Bidder must complete one per deliverable (7 total)

Product/Solution Planning (PSP) Work Order Cost Form (to be completed by bidder)					
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					
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				
Optional Services – rows may be added as needed	Role		Hourly F	I Rate	<u> </u>

IV. EVALUATION QUESTIONS

Evaluation Domain 1: RFQ Service Area 2 Questions

- Describe the user design and experience outcomes and provide examples of your organization's previous work in building a consumer portal(s) to apply for social and/or health care benefits using enterprise agile methodologies.
- Please describe, in detail, your planning approach and the process(es) you will use to develop a product roadmap and layout and structure of product increments to implement features and capabilities from the product roadmap.
- Please define the exact team structure, roles, and responsibilities you will bring to this this work.
- 4. What tools, frameworks and methodologies will be used to develop, implement and operate the deliverables of an agile project (both in local and distributed delivery situations)? Examples:
 - a. Agile frameworks such as Scaled Agile Framework (SAFe) or Large-Scale Scrum (LeSS)
 - b. Tools such as application lifecycle management (ALM), version control system (VCS), continuous integration and continuous deployment (CI/CD), testing, security, etc.
 - c. Standardized implementation plans
 - d. DevOps capabilities and ability to build tool chains
- 5. How many resources have external certification in agile techniques?
 - a. Scrum?
 - b. SAFe, LeSS?
- 6. Describe alternative approaches and frameworks that you have used to create responsive and optimal User Interfaces for other clients, and how exactly you would be able to augment or replace, if appropriate, the Microsoft Dynamics 365 Platform to meet DHHS's user experience-related expectations?

Evaluation Domain 2: Overall Planning Approach (Overview)

- Please detail how you will adapt your processes to work with / integrate with the State's established delivery team to evaluate and adapt any already completed effort using an agile inspect and adapt framework.
- Describe your approach to shared accountability and responsibility for a large planning and future delivery
 effort.
- Describe your approach for blending an organization's existing effort with your proposed best practices to achieve the greatest benefit.
- Provide a specific roadmap of activities for the this work, as well as any specific hurdles that would prevent this planning effort from a successful execution and your suggested mitigations.

Evaluation Domain 3: SAFe Training Recommendation and SAFe Approach

- 1. Provide your recommendation for organizational SAFe transformation training that is directly related to this planning effort and who should be considered for that training.
- Provide your recommendation for training and any alignment of the in-flight team's approach and your SAFe curriculum with understanding of the non-negotiable delivery date.
- Provide an overview of JIT team training that has resulted in little to no disruption of an in-flight team.
- Provide an overview of how you joined an inflight team to complete product solution visioning and planning in order to launch a large delivery effort similar to this.

Evaluation Domain 4: Planning Related to Architectural and Technology Processes Recommendation

- Describe your process for evaluating and recommending technologies & architecture in order to define a modern, cloud-first solution for the iServe Portal MVP.
- 2. How do you architect solutions that integrate with legacy on premise systems but still provide the advantages/features of the cloud?
- 3. Which DevOps technologies or capabilities are critical to achieve more frequent and less disruptive software release cycles? How will your planning output for this work order establish a foundation for the development of these capabilities?
- What analysis and design process would you undertake to identify the proper microservice boundaries for the Portal MVP architecture? How will your analysis facilitate the scaling of future work across multiple teams or vendors?
- Describe your process for evaluating and recommending technologies & architecture in order to define a modern, cloud-first solution for the iServe Portal MVP.

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. 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 had primary responsibility.</u>

ROLE	MANDATORY QUALIFICATIONS
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).
	The Service Manager shall have at least three (3) years of FTE experience managing software development and design in an agile environment.
	The Service Manager shall have at least three (3) years of FTE management experience creating product descriptions and delivery plans.
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]).
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.
	3. 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; 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.
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
	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.
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.
	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: a. Developing and implementing server configuration scripting; b. Implementing configuration management tools c. Implementing continuous deployment tools (e.g., Docker); d. Implementing continuous integration tools (e.g., Jenkins); and e. Implementing modern continuous monitoring tools.
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: a. MS SQL Server database administration, MS SQL Server database configuration,
	MS SQL Server database administration, MS SQL Server database configuration, MS SQL Server data replication, MS SQL Server utilities, MS SQL Server resource monitoring; b. MS SQL Server static and dynamic SQL; and c. 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.)
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; 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 fulfilling 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.
Delivery Manager (Scrum Master)	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 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;
M/L D	 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 Communicating technical concepts to a non-technical audience.
DevOps Engineer	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	RESPONSIBILITY
ROLE	
MS SQL Server CDS or Data verse Database Administrator (Cloud App Developer)	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 AID 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 refresh requests, reorganizing database structures as needed, and automating scheduled database 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 as needed; Develops utilities to monitor and evaluate data quality. Assist with advanced SQL development guidance and tuning, including creati
	and knowledge transfer to staff.

CONTRACTOR ROLE	RESPONSIBILITY
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	interface with the client's stakeholders, synthesize feedback, and make decisions on the
Manager	product's priorities and scope. DHHS 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	DHHS will provide one Solution Architect and one Technical Architect. The Technical Architect
and Technical	will be responsible for providing the overall technical vision for the iServe Nebraska Portal,
Architect	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	DHHS will provide one Agile Coach who will also fill the role of RTE as scaling requires it. The
Coach/Release	Agile Coach will ensure that development teams are adopting and using agile processes and
Train Engineer	performing effectively. The Agile Coach will assess the culture of the team and delivery
(RTE)	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
Comune Mantan	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.
	on organizing, and onabling the work the team does rather than impose now it a 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 readmen for any given product and
	 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. Divide the property of the pr
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 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, the Contractor must monitor 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 staff 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

- The Contractor shall not add 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 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 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:
 - 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

	er Name:						
Prop Nam	osed Staff's						
Role		Service Ma	nager				
MQ #	Mandat Qualifica	ory	Project Description Company Name, Project Name, Time Period (MM/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
1	shall have at let (3) years of Equivalent experience primary responsible delivery, success, and comprovement of	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 plat		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		east three of FTE managing velopment	Company Name: Project Name: a. Time Period: Percentage of Time:	a.	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 Service shall have at let (3) years management experience product description delivery plans.	east three of FTE creating otions and	Company Name: Project Name: Time Period:	a.	Role: Description of relevant experience:	а.	Contact Name: Company Name: Phone Number: Email:

Bidd	er Name:				
Prop Name	osed Staff's				
Role		Service Ma	nager		
MQ #	Manda Qualifica	tory	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: Total Duration:	Role: Description of relevant experience:	Contact Name: Company Name: Phone b. Number: Email:

Bidd	er Name:				
Prop	osed Staff's				
Nam		LII/IIV D			
Role		UI/UX Designe		Relevant Experience	Reference
MQ #	Mandatory 0	Qualifications	Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	Description 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, hi	uman factors inimation, or	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: Description of relevant experience:	Contact Name: Company Name: Phone a. Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	Bole: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:
			Total Duration:		
2	translating b	perience in pusiness and puirements into cifications;	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	Bole: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:
			Total Duration:		
3	prototyping t	vith wireframe ools such as etchflow or d equivalents;	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:

	er Name: osed Staff's				
Name					
Role		/UX Designe	r		
MQ #	Mandatory Qua	lifications	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
			Company Name: Project Name: b. Time Period: Percentage of Time:	Role: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:
			Total Duration:		
4	Experience work agile developme Experience with r	ent cycle;	Company Name: Project Name:	Role: Description of relevant experience:	Contact Name: Company Name: Phone a. Number:
			Time Period: Percentage of Time: Company Name:	Role:	Email: Contact Name:
			Project Name: b. Time Period: Percentage of Time:	b. Description of relevant experience:	Company Name: Phone b. Number: Email:
			Total Duration:	1	
5	Experience with r	isk taking.	Company Name: Project Name: a. Time Period: Percentage	Role: Description of relevant experience:	Contact Name: Company Name: Phone a. Number: Email:
			of Time: Company Name: Project Name: b. Time Period: Percentage of Time:	Role: b. Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:

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	osed Staff's				
Nam					
Role	:	UI/UX Designe	er		
MQ #	Mandatory C	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
			Total Duration:	•	
	er Name: osed Staff's e:				
Role		Delivery Mana	ger (Scrum Master)		
MQ #	Mandatory C	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
1	least three (3) experience in delivering on a agile software	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: Company Name:	Role: Description of relevant experience:	Contact Name: Company Name: Phone A. Number: Email: Contact Name:
			Project Name: b. Time Period: Percentage of Time: Total Duration:	Bole: Description of relevant experience:	b. Company Name: Phone Number: Email:
2	least three (3 of management	er) shall have at) years of FTE ent experience omplex digital	Company Name: Project Name: a. Time Period: Percentage of Time: Company Name: Project Name: b. Time Period: Percentage of Time	Role: a. Description of relevant experience: Role: B. Description of relevant experience:	Contact Name: Company Name: Phone Number: Email: Contact Name: Company Name: Phone Number: Email:

Bidd	er Name:				
	osed Staff's				
Name		LII/LIV Decisione			
MQ #		UI/UX Designe	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
			Total Duration:		and Email
3		r) 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 Number: Email:
			Company Name: Project Name: b. Time Period: Percentage of Time:	Bole: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:
			Total Duration:		
4		er) shall hold a lated to Scrum ified Scrum	Company Name: Project Name: a. Time Period: Percentage of Time:	Role: Description of relevant experience:	Contact Name: Company Name: Phone a. Number: Email:
			Company Name: Project Name: b. Time Period: Percentage of Time: Total Duration:	Bole: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:

	er Name: osed Staff's					
Nam						
Role	: Lead Clou	d App Developer				
MQ #	Mandatory Qualifications	Project Description Company Name, Project Name, Time Period (MM/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 Contact Name, Company ame, Phone Number, and Email
1	The Lead Cloud App Developer shall have at least two (2) years of FTE experience leading the development of at least two (2) projects that are similar in scope to this RFO.	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: Total Duration:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
2	The Lead Cloud App Developer shall have at least three (3) years of FTE experience developing and deploying backend web applications in an agile environment.	Company Name: Project Name: a. Time Period: Percentage of Time: Company Name: Project Name: b. Time Period: Percentage of Time:	a.	Role: Description of relevant experience: Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email: Contact Name: Company Name: Phone Number: Email:
3	The Lead Cloud App Developer shall have at least two (2) years of FTE experience in each of the following: a. Developing web applications using Java; b. Writing the back- ends of modern	Total Duration: Company Name: Project Name: a. Time Period: Percentage of Time:	а.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:

Bidd	er Na	me:						
Prop	osed	Staff's						
Nam	e:							
Role	:		Lead Cloud	d App Developer				
MQ #		Manda Qualifica	ations	Project Description Company Name, Project Name, Time Period (MM/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 Contact Name, Company ame, Phone Number, and Email
	c. d.	applicate Develop consum based, I APIs; Writing applicate a test-dideployn approace Develop executing automatintegratic accepta and Develop backene	oing and ing web-RESTful web ions using riven nent ch; oing and ng ted unit, ion, and ince tests; oing d web ions that e with all and ational se	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:

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	posed Staff's				
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Rol		Clavel Ann F	Navalanan 4		
KUI	e. 	Cloud App D			
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
1	Each Cloud Ap shall have at lead years of FTE with delivery digital projects environment.	east two (2) experience of complex	Company Name: Project Name: Time Period: Percentage ol Time: Company Name: Project Name: b . Time Period: Percentage ol Time: Total Duration:	Role: a Description of relevant experience: Role: b Description of relevant experience:	Contact Name: Company Name: a. Phone Number: Email: Contact Name: Company Name: b. Phone Number: Email:
2	of modern source we application c. Developin consuming based, RE d. Writing we application test-driver deployment executing unit, integraceptance f. Configurin executing performant g. Configurin	east two (2) experience in the following, all team the of the the covered: g web the back-ends topen- the the the back-ends topen- the	Company Name: Project Name: Time Period: Percentage of Time: Company Name: Project Name: b . Time Period: Percentage of Time Period: Total Duration:	Role: a Description of relevant experience: Role: b Description of relevant experience:	Contact Name: Company Name: a. Phone Number: Email: Contact Name: Company Name: b. Phone Number: Email:

Bid	der Name:				
	posed Staff's ne:				
Rol	e:	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 applice integrate we relational arelational assistems; i. Handling lasts and sets and set	and non- database arge data scaling their nd g backend cations that ble search	and 70 or time	στι πιο βισμοσίζο).	

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Mandatory Qu		Project Description Company Name, Project Name, Time Period (MM/DD/YY -	Relevant Experience Description Staff's role and description of the	Reference Contact Contact Name, Company Name, Phone Number, and Email
		time	relevant experience on the project(s).	
shall have at I years of FTE with delivery	east two (2) experience of complex	a Project Name: Time Period: Percentage of Time: Company Name: Project Name: 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:
shall have at I years of FTE e at least one of t and between members ead following must I a. Developin application Java; b. Writing the of modern source we application c. Developin consumin based, RE d. Writing we	east two (2) experience in the following, all team the of the the covered: the web the back-ends the open- the the o	Company Name: Project Name: a . Time Period: Percentage of Time: Company Name: Project Name: b . Time Period: Percentage	Role: a Description of relevant experience: b Role: Description of relevant experience:	Contact Name: Company Name: a Phone Number: Email: Contact Name: Company Name: b Phone Number: Email:
	Each Cloud Apshall have at I years of FTE with delivery digital projects environment. Each Cloud Apshall have at I years of FTE eat least one of tand between members ead following must I a. Developin application Java; b. Writing the of modern source we application consuming based, RE d. Writing we determined the consumined the consum	Each Cloud App Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment. Each Cloud App Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment.	Mandatory Qualifications Mandatory Qualifications Each Cloud App Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment. Each Cloud App Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment. 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 Java; b. Writing the back-ends of modern opensource web applications; c. Developing and consuming web-based, RESTful APIs; d. Writing the pack-using web-based web	Cloud App Developer 2 Project Description Company Name, Project Name: Name:

	lder Name: oposed Staff's				
	me:				
Role: Cloud App D			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
		ent; ng and g automated gration, and	Total Duration:		
	f. Configuri executing performa	ng and I load and nce testing;			
		ng and g enterprise entication			
	h. Developii web appl integrate relational				
	i. Handling	large data scaling their and			
	j. Developii web appl	ng backend ications that ble search			

Bid	lder Name:				
	posed Staff's				
Nar					
Rol	e:	Cloud App [
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
1	shall have at least two (2) years of FTE experience with delivery of complex		Company Name:		Contact Name:
			Project Name:	Role:	Company a Name:
	digital projects environment.	in an agile	Time Period:	Description of relevant experience:	Phone Number: Email:
			Percentage of Time: Company Name:	b 5 .	b Contact Name:
				Role:	
			Project Name: b		Company Name:
				Description of relevant experience:	Phone Number:
			Time Period: Percentage of Time:		Email:
			Total Duration:		
2	Each Cloud Ap	n Dovolonor	Company Name:	1	Contact Name:
۷	shall have at le	east two (2)		Role:	
	years of FTE e at least one of t		Project Name:	a	Company a Name:
	and between	all team	·	Description of relevant	Phone Number:
	members each	e covered:	Time Period: Percentage of Time:	experience:	Email:
	a. Developin application		Company Name:	b Role:	b Contact Name:
		e back-ends	Project Name: b		Company Name:
	of modern source we	b .		Description of relevant experience:	Phone Number:
	application c. Developin	g and	Time Period: Percentage of Time:		Email:
	d. Writing we application test-driver deploymente. Developin	STful APIs; bb ns using a nt; g and automated ration, and	Total Duration:		

Bid	der Name:				
Pro Nai	posed Staff ne:	"s			
Rol	Role: Cloud App		Developer 3		
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
	execut perform g. Configuintegra user au tools; h. Develo web ap integra relatior relatior system i. Handlii sets ar storage	nal and non- nal database s; ng large data nd scaling their			
		plications that alable search logy.			

Bic	der Name:				
Pro	posed Staff's Name:				
Ro	le:	Cloud	App Developer 4		
M Q #	Mandatory Qualifica	tions	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 App Dev shall have at least to years of FTE experient delivery of complex projects in an environment.	wo (2) ce with	Company Name: Project Name: Time Period: Percentage of Time: Company Name: Project Name: b . Time Period: Percentage of Time: Total Duration:	Role: a Description of relevant experience: B Role: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email: Company Name: Phone Number: Email:
2	Each Cloud App Devishall have at least to years of FTE experience least one of the following must be covered as a Developing web applications using Java; b. Writing the back-of modern opensive applications; c. Developing and consuming web-applications using test-driven deploye. d. Writing web applications using test-driven deploye. e. Developing and executing automation, a acceptance tests. f. Configuring and executing load are performance tests.	wo (2) ce in at owing, team the ered: ends source pased, g a yment; ated and ;	Company Name: Project Name: Time Period: Percentage of Time: Company Name: Project Name: b . Time Period: Percentage of Time: Total Duration:	Role: a Description of relevant experience: B Role: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email: b Contact Name: Company Name: Phone Number: Email:

Bid	Bidder Name:							
Pro	Proposed Staff's Name:							
Rol	Role:		Cloud App Developer 4					
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			
	user authentication tools; h. Developing backe web applications integrate with relational database systems. i. Handling large dasets and scaling to storage; and j. Developing backe web applications use scalable sear technology.	end that ational Il s; ta their end that		μοσοιία).				

	Ider Name:			
Pro	pposed Staff's Name:	d Ann Davids		
KU	Clou	d App Developer 5		
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
1	Each Cloud App Develope shall have at least two (2 years of FTE experience wit delivery of complex digits projects in an agil environment.	h Project Name:	Role: a Description of relevant experience: b Role: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email: b Contact Name: Company Name: Phone Number:
		Time Period: Percentage of Time:		Email:
		Total Duration:		
2	Each Cloud App Developed shall have at least two (2 years of FTE experience in a least one of the following, and between all team member each of the following must be covered:	Project Name: d a s	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		Description of relevant experience:	Company Name: Phone Number:
	consuming web-based, RESTful APIs; d. Writing web application using a test-driven	Percentage of Time:	-	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 set and scaling their storage; and	s		

Bid	der Name:				
Pro	posed Staff's Name:				
Rol	e:	Cloud	App Developer 5		
M Q #	Mandatory Qualifica	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
	j. Developing backe web applications use scalable sear technology.	that			

	er Name:						
Prop Name	osed Staff's						
Role		Lenacy Sys	stem Developer / Architect				
		Logacy Cys	Project Description		Relevant Experience		Reference Contact
MQ #	Manda Qualifica	ntions	Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	Sta	Description aff's role and description the relevant experience on the project(s).		Contact Name, Company ame, Phone Number, and Email
1	The Legacy Developer / shall have at le years of FTE leading the de of at least projects that a in scope to this	Architect east two (2) experience evelopment two (2) are similar	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 Role:	Role:		Contact Name: Company	
		b.	Name: b.	b.	Description of relevant experience:	b.	Name: Phone Number:
			Time Period: Percentage of Time:				Email:
			Total Duration:				
2	The Legacy S Developer / A shall have at I (3) years of F experience de and deploying modernized le applications ir	rchitect east three TE eveloping egacy a a modern	Company Name: Project Name: a. Time	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:
	SOA environn	nent.	Period: Percentage of Time:				
			Company <u>Name:</u> Project Name:	-	Role:		Contact Name: Company Name:
			Time Period: Percentage	b.	Description of relevant experience:	b.	Phone Number: Email:
			of Time: Total Duration:				
3	The Legacy Developer / shall have at (2) years experience ir the following:	Architect least two of FTE	Company Name: Project Name:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number:
	a. Mode legad	ernizing cy cations	Time Period: Percentage of Time:		одропопос.		Email:

Diau	er Name:							
Prop	osed Staff'	S						
Nam	e:							
Role	:	Legacy Sy	ystem Developer / Architect					
MQ #		datory cations	Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	Staff	Description T's role and description The relevant experience on the project(s).	Reference Contact Contact Name, Company Name, Phone Number, and Email		
	b. Deve API ii with r and c archii c. Deve consi base APIs; d. Mode legac applii a tesi deplc appro e. Deve exect autor integi accep and f. Deve backe applii integi relatii	rations using driven yment ach; oping and stated unit, ation, and stance tests; oping and stations that ate with onal and elational	Company Name: Project Name: b. Time Period: Percentage of Time: Total Duration:	- -	Role: Description of relevant experience:	Contact Name: Company Name: Phone Number: Email:		

Bidd	er Name:						
	osed Staff's						
Nam							
Role	:	DevOps En	gineer				
MQ #	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	
1	shall have exp a DevOps En least two	gineer in at (2) Digital evelopments	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:				
2	The DevOps shall have at I years of FTE with the imp and delivery digital projects environment.	east 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 implement	east one (1) experience of the	Company Name: Project Name: Time Period:	а.	Role: Description of relevant experience:	· a.	Contact Name: Company Name: Phone Number: Email:

Bidd	er Na	ame:						
Prop Nam	osec e:	l Staff's						
Role	:		DevOps En	gineer				
MQ #				Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY), and % of time	ne, Time Period D/YY - MM/DD/YY), Staff's role and description of the relevant experience			Reference Contact ontact Name, Company me, Phone Number, and Email
	b.	scripting; Impleme Configura	nting ation nent tools	Percentage of Time: Company Name: Project Name:		Role:		Contact Name: Company
	C.	Implement Continuo deployment (e.g., Do	nting ous ent tools	b. Time Period:	b.	Description of relevant experience:	b.	Name: Phone Number: Email:
	d.	Impleme Continuo integratio	nting ous	Percentage of Time: Total Duration:				
	e.	Impleme	continuous					

Rid	der Name:				
	posed Staff's				
Nar					
Rol		SQL Se	rver Database Administrator (Cloud App Developer)	
M Q #	Mandatory Qualific		Project Description Company Name, Project Name, Time Period (MM/DD/YY - MM/DD/YY),	Relevant Experience Description Staff's role and description of the relevant experience	Reference Contact Contact Name, Company Name, Phone Number, and Email
			and % of time	on the project(s).	
1	The SQL Server D Administrator (Cloud Developer) shall heast five (5) years experience as a D Administrator respons the following: a. SQL Server data administration, Server database configuration, Server data reples SQL Server utilities SQL Server utilities SQL Server resomenitoring; b. SQL Server z/O and dynamic SQL Server z/O database backurecovery, perforituning, configuration, configuration, so	and Apple at of FTE atabase sible for abase SQL e QL ication, ties, ource S static QL; and S p, 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 Name: Phone Number: Email: Contact Name: Company Name: Phone Number: Email:
2		nd App nave 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:

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.