ADDENDUM TWO
REVISION TO WORK ORDER #2

Date: March 18, 2021

To: All Bidders

From: Keith Roland and Jennifer Crouse, Buyers
               Department of Health and Human Services

RE: Addendum for iServe Nebraska Portal Work Order #2

Section I.B SCHEDULE OF EVENTS is amended to read:

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

	ACTIVITY	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~~ March 24, 2021 2:00 PM Central Time
5.	Evaluation period	~~March 22, 2021~~ March 24, 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).

Section V.A CONTRACTOR STAFF – MANDATORY QUALIFICATIONS is amended to read:

A. **Bidder Mandatory Qualifications**
The Contractor shall provide experienced resources as the Bidder deems necessary to complete the Work Order activities. If the Bidder proposes a Role identified in the table below, the individual in that Role must meet <u>all</u> of the MQs. <u>All experience used to meet the MQs shall have been where the staff had primary responsibility.</u>

ROLE	MANDATORY QUALIFICATIONS
Agile Skilled Service Manager	1. 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)	1. 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.
	2. 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.
	3. The Delivery Manager (Scrum Master) shall have at least three (3) years of FTE experience serving as a client's direct point of contact.
	4. The Delivery Manager (Scrum Master) shall hold a certification related to Scrum (e.g., Certified Scrum Master® [CSM]).
Agile Skilled Lead Cloud App/Web Developer	1. 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.
	2. 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 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/ Web Developer Team	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.

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	1. 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
	
	1. 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.

Agile Skilled Cloud Database Admin/MS SQL Server CDS or Dataverse DB Admin	1. 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 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.
	
	2. 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	1. 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.

Section V.B CONTRACTOR STAFF – CONTRACTOR ROLES AND RESPONSIBILITIES is amended to read:

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 ROLE	RESPONSIBILITY
Agile Skilled 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 • Communicate credibly with a wide range of digital delivery disciplines and talent.
Agile Skilled Delivery Manager (Scrum Master)	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
Agile Skilled Lead Cloud App/ 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.
Agile Skilled Cloud/ Web Developer (Team)	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.
Agile Skilled 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.

CONTRACTOR ROLE	RESPONSIBILITY
	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).
Agile Skilled Cloud Database Admin/MS SQL Server CDS or Dataverse DB Admin	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 of data loss caused by user or system error, and performs offsite disaster recovery as needed; • Develops utilities to monitor and evaluate data quality. Assist with advanced SQL development guidance and tuning, including creating context relationships and stored procedures and user defined functions; • Provides first-level support in the MS SQL Server z/OS environments managed; • Develops and applies policies and procedures relating to database and application security including procedures that authorize, enable, change and withdraw access; • Develops, documents, and implements flexible, non-restrictive standards, policies, and procedures and ensures compliance for all database platforms and related systems; • Coordinates testing, install and documentation of new releases and database patches; and • Develops training criteria, training plans, course design, handouts, and provides training and knowledge transfer to staff.

CONTRACTOR ROLE	RESPONSIBILITY
Agile Skilled 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

Section VI STAFF EXPERIENCE AND REFERENCES is amended to read:

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Service Manager

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	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).	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
2	The Service Manager shall have at least three (3) years of FTE experience managing software development and design in an agile environment.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
3	The Service Manager shall have at least three (3) years of FTE management experience creating product descriptions and delivery plans.	a. Company Name: Project Name: Time Period:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Service Manager

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	
		Percentage of Time:					
		Company Name:		Role:		Contact Name:	
		Project Name:				Company Name:	
		b.		b.	Description of relevant experience:	b.	Phone Number:
		Time Period:					Email:
		Percentage of Time:					
		Total Duration:					

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled UI/UX Designer

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	Three to five years of experience working in IT, preferably as an user experience/user interface designer, human factors engineer, animation, or comparable roles;	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
2	Broad experience in translating business and functional requirements into technical specifications;	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
3	Experience with wireframe prototyping tools such as Axure, Sketchflow or Balsamiq, and equivalents;	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled UI/UX Designer

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	
		b.	Company Name: Project Name: Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
		Total Duration:					
4	Experience working in an agile development cycle;	a.	Company Name: Project Name: Time Period: Percentage of Time:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:
		b.	Company Name: Project Name: Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
		Total Duration:					
5	Experience with risk taking.	a.	Company Name: Project Name: Time Period: Percentage of Time:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:
		b.	Company Name: Project Name: Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled UI/UX Designer

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
		Total Duration:		

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Delivery Manager (Scrum Master)

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	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 RFO.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
2	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.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
3	The Delivery Manager (Scrum Master) shall have at least three (3) years of FTE experience serving as a client's direct point of contact.	a. Company Name: Project Name: Time Period:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:

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Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Delivery Manager (Scrum Master)

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	
			Percentage of Time:				
		b.	Company Name:	b.	Role:	b.	Contact Name:
			Project Name:				Company Name:
					Description of relevant experience:		Phone Number:
			Time Period:				Email:
			Percentage of Time:				
		Total Duration:					
4	The Delivery Manager (Scrum Master) shall hold a certification related to Scrum (e.g., Certified Scrum Master® [CSM]).	a.	Company Name:	a.	Role:	a.	Contact Name:
			Project Name:				Company Name:
					Description of relevant experience:		Phone Number:
			Time Period:				Email:
			Percentage of Time:				
		b.	Company Name:	b.	Role:	b.	Contact Name:
			Project Name:				Company Name:
					Description of relevant experience:		Phone Number:
			Time Period:				Email:
			Percentage of Time:				
		Total Duration:					

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Lead Cloud App / Web Developer

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	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.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
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.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
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	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Lead Cloud App / Web Developer

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
	open-source 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.	b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web Developer 1

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 Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: 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: a. Developing web applications using Java; b. Writing the back-ends of modern open-source web applications; c. Developing and consuming web-based, RESTful APIs; d. Writing web applications using a test-driven 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;	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web Developer 1

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
	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.			

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web 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
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.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: 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: a. Developing web applications using Java; b. Writing the back-ends of modern open-source web applications; c. Developing and consuming web-based, RESTful APIs; d. Writing web applications using a	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web 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
	test-driven 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 j. Developing backend web applications that use scalable search technology.	*Total Duration:*		

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web 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
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.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: 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: a. Developing web applications using Java; b. Writing the back-ends of modern open-source web applications; c. Developing and consuming web-based, RESTful APIs; d. Writing web applications using a test-driven deployment; e. Developing and executing automated unit, integration, and acceptance testing;	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web 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
	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.			

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web 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
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.	a. Company Name: Project Name: Time Period: Percentage of Time: b. Company Name: Project Name: Time Period: Percentage of Time: ***Total Duration:***	a. 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:
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 Java; b. Writing the back-ends of modern open-source web applications; c. Developing and consuming web-based, RESTful APIs; d. Writing web applications using a test-driven deployment; e. Developing and executing automated unit, integration, and acceptance tests; f. Configuring and executing load and performance testing; g. Configuring and integrating enterprise	a. Company Name: Project Name: Time Period: Percentage of Time: b. Company Name: Project Name: Time Period: Percentage of Time: ***Total Duration:***	a. 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:

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web 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 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.			

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web Developer 5

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	Each Cloud App Developer shall have at least two (2) years of FTE experience with delivery of complex digital projects in an agile environment.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: 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: a. Developing web applications using Java; b. Writing the back-ends of modern open-source web applications; c. Developing and consuming web-based, RESTful APIs; d. Writing web applications using a test-driven 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	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud App/ Web 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
	j. Developing backend web applications that use scalable search technology.			

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled DevOps Engineer

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	The DevOps Engineer shall have experience as a DevOps Engineer in at least two (2) Digital Service developments similar in scope to the Bidder's proposed solution.	a.	Company Name: Project Name: Time Period: Percentage of Time:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:
		b.	Company Name: Project Name: Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
		Total Duration:					
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.	a.	Company Name: Project Name: Time Period: Percentage of Time:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:
		b.	Company Name: Project Name: Time Period: Percentage of Time:	b.	Role: Description of relevant experience:	b.	Contact Name: Company Name: Phone Number: Email:
		Total Duration:					
3	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;	a.	Company Name: Project Name: Time Period: Percentage of Time:	a.	Role: Description of relevant experience:	a.	Contact Name: Company Name: Phone Number: Email:

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled DevOps Engineer

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
	b. Implementing Configuration management tools (e.g., Ansible); c. Implementing Continuous deployment tools (e.g., Docker); d. Implementing Continuous integration tools (e.g., Jenkins); and e. Implementing Modern continuous monitoring tools.	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:		

Bidder Name:	
Proposed Staff's Name:	
Role:	Agile Skilled Cloud DB Admin / SQL Server Database Administrator

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	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 utilities, SQL Server resource monitoring; b. SQL Server z/OS static and dynamic SQL; and c. SQL Server z/OS database backup, recovery, performance tuning, configuration and design.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		
2	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 greater on z/OS.	a. Company Name: Project Name: Time Period: Percentage of Time:	a. Role: Description of relevant experience:	a. Contact Name: Company Name: Phone Number: Email:
		b. Company Name: Project Name: Time Period: Percentage of Time:	b. Role: Description of relevant experience:	b. Contact Name: Company Name: Phone Number: Email:
		Total Duration:		

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.

Section VII DHHS HIPAA BUSINESS ASSOCIATE AGREEMENT PROVISIONS is added to read:

1. <u>BUSINESS ASSOCIATE</u>. "Business Associate" shall generally have the same meaning as the term "business associate" at 45 CFR § 160.103, and in reference to the party in this Contract, shall mean Contractor.

2. <u>COVERED ENTITY</u>. "Covered Entity" shall generally have the same meaning as the term "covered entity" at 45 CFR § 160.103, and in reference to the party to this Contract, shall mean DHHS.

3. <u>HIPAA RULES</u>. "HIPAA Rules" shall mean the Privacy, Security, Breach Notification, and Enforcement Rules at 45 CFR Part 160 and Part 164.

4. <u>SECURITY INCIDENT</u>. "Security Incident" shall mean the attempted or successful unauthorized access, use, disclosure, modification, or destruction of information or interference with system operations in an information system.

5. <u>OTHER TERMS</u>. The following terms shall have the same meaning as those terms in the HIPAA Rules: Breach, Data Aggregation, Designated Record Set, Disclosure, Health Care Operations, Individual, Minimum Necessary, Notice of Privacy Practices, Protected Health Information, Required by Law, Secretary, Subcontractor, Unsecured Protected Health Information, and Use.

6. <u>THE CONTRACTOR</u> shall do the following:
    6.1. Not use or disclose Protected Health Information other than as permitted or required by this Contract or as required by law. Contractor may use Protected Health Information for the purposes of managing its internal business processes relating to its functions and performance under this Contract. Use or disclosure must be consistent with DHHS' minimum necessary policies and procedures.
    6.2. Implement and maintain appropriate administrative, physical, and technical safeguards to prevent access to and the unauthorized use and disclosure of Protected Health Information. Comply with Subpart C of 45 CFR Part 164 with respect to electronic Protected Health Information, to prevent use or disclosure of Protected Health Information other than as provided for in this Contract and assess potential risks and vulnerabilities to the individual health data in its care and custody and develop, implement, and maintain reasonable security measures.
    6.3. To the extent Contractor is to carry out one or more of the DHHS' obligations under Subpart E of 45 CFR Part 164, comply with the requirements of Subpart E that apply to DHHS in the performance of such obligations. Contractor may not use or disclosure Protected Health Information in a manner that would violate Subpart E of 45 CFR Part 164 if done by DHHS.
    6.4. In accordance with 45 CFR §§ 164.502(E)(1)(ii) and 164.308(b)(2), if applicable, ensure that any agents and subcontractors that create, receive, maintain, or transmit Protected Health Information received from DHHS, or created by or received from the Contractor on behalf of DHHS, agree in writing to the same restrictions, conditions, and requirements relating to the confidentiality, care, custody, and minimum use of Protected Health Information that apply to the Contractor with respect to such information.
    6.5. Obtain reasonable assurances from the person to whom the information is disclosed that the information will remain confidential and used or further disclosed only as required by law or for the purposes for which it was disclosed to the person, and the person notifies the Contractor of any instances of which it is aware that the confidentiality of the information has been breached.
    6.6. Contractor shall maintain and make available within fifteen (15) days in a commonly used electronic format:
        6.6.1. Protected Health Information to DHHS as necessary to satisfy DHHS' obligations under 45 CFR § 164.524;
        6.6.2. Any amendment(s) to Protected Health Information as directed or agreed to by DHHS pursuant to 45 CFR § 164.526, or take other measures as necessary to satisfy DHHS' obligations under 45 CFR § 164.526;
        6.6.3. The information required to provide an accounting of disclosures to DHHS as necessary to satisfy DHHS' obligations under 45 CFR § 164.528.
    6.7. Make its internal practices, books, and records relating to the use and disclosure of Protected Heath Information received from, or created or received by the Contractor on behalf of the DHHS available to the Secretary or DHHS for purposes of determining compliance with the HIPAA rules. Contractor shall

provide DHHS with copies of the information it has made available to the Secretary at the same time as it was made available to the Secretary.

6.8. Report to DHHS within fifteen (15) days of which the Contractor becomes aware, any unauthorized use or disclosure of Protected Health Information made in violation of this Contract, or the HIPAA rules, including any security incident that may put electronic Protected Health Information at risk. Contractor shall, as instructed by DHHS, take immediate steps to mitigate any harmful effect of such unauthorized disclosure of Protected Health Information pursuant to the conditions of this Contract through the preparation and completion of a written Corrective Action Plan subject to the review and approval by DHHS. The Contractor shall be responsible for all breach notifications in accordance with HIPAA rules and regulations and all costs associated with security incident investigations and breach notification procedures.

6.9. Business Associate shall indemnify, defend, and hold harmless DHHS for any financial loss as a result of claims brought by third parties and which are caused by the failure of Contractor, its officers, directors, agents or subcontractors to comply with the terms of this Contract or for penalties imposed by the HHS Office of Civil Rights for any violations of the HIPAA rules caused by Contractor, its officers, directors, agents or subcontractors. Additionally, Contractor shall indemnify DHHS for any time and expenses it may incur from breach notifications that are necessary under the HIPAA Breach Notification Rule, which are caused by a failure of Contractor, its officers, directors, agents or subcontractors to comply with the terms of this Contract.

7. <u>TERMINATION</u>.

7.1. DHHS may immediately terminate this Contract and any and all associated contracts if DHHS determines that the Contractor has violated a material term of this Contract.

7.2. Within thirty (30) days of expiration or termination of this Contract, or as agreed, unless Contractor requests and DHHS authorizes a longer period of time, Contractor shall return or at the written direction of DHHS destroy all Protected Health Information received from DHHS (or created or received by Contractor on behalf of DHHS) that Contractor still maintains in any form and retain no copies of such Protected Health Information. Contractor shall provide a written certification to DHHS that all such Protected Health Information has been returned or destroyed (if so instructed), whichever is deemed appropriate. If such return or destruction is determined by DHHS to be infeasible, Contractor shall use such Protected Health Information only for purposes that makes such return or destruction infeasible and the provisions of this Contract shall survive with respect to such Protected Health Information.

7.3. The obligations of the Contractor under the Termination Section shall survive the termination of this Contract.