

Project Investment Justification

HEAplus SR1028-SR1029 REST/JSON/XML

Services Phased Approach

HC22017

Arizona Health Care Cost Containment System

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1. GENERAL INFORMATION

PIJ ID: HC22017

PIJ Name: HEAplus SR1028-SR1029 REST/JSON/XML Services Phased Approach

Account: Arizona Health Care Cost Containment System

Business Unit Requesting: DMPS

Sponsor: Joni Shipman

Sponsor Title: Assistant Director, DMPS

Sponsor Email: joni.shipman@azahcccs.gov

Sponsor Phone: (602) 417-7631

2. MEETING PRE-WORK

2.1 What is the operational issue or business need that the Agency is trying to solve? (i.e....current process is manual, which increases resource time/costs to the State/Agency, and leads to errors...):

CMS has announced in the MAPS-271 REST/JSON /XML Hub Implementation presentation (ATTACHED) that all Federal Hub services are being updated from Simple Object Access Protocol (SOAP)/Extensible Markup Language (XML) to Representational state transfer (REST)/ JavaScript Object Notation (JSON).

This project is to complete updates required by CMS Federal data service hubs. The project is a phased approach and SRs will be submitted over time as CMS releases details of each phase. A high-level timeline has been established by CMS and the State. The State will begin with two initial SR requests and provide updates as new requests are created. The project is not expected to exceed \$800,000.00 total costs for DDI, with no additional costs for ongoing M&O of the system updates.

The entire project is estimated to be completed by 12/31/2023.

2.2 How will solving this issue or addressing this need benefit the State or the Agency?

CMS requires all States to complete interface updates to match the new REST/JSON architecture changes to the Federal data service hubs. States that fail to update to the matching architecture changes will lose hub connectivity and the verifications they provide on 3/2024.

2.3 Describe the proposed solution to this business need.

Our vendor will complete each required design change from XML/SOAP to REST/JSON. This includes creating new updates to .net Objects from JSON schema files, Service Call changes, validating Error Handling and complete Test Data setup for CMS testing. Additional details including technical flow diagrams, XML service call layouts and new request Schemas can be found in the Interface design documents attached.

2.4 Has the existing technology environment, into which the proposed solution will be implemented, been documented?

Yes

2.4a Please describe the existing technology environment into which the proposed solution will be implemented.

2.5 Have the business requirements been gathered, along with any technology requirements that have been identified?

Yes

2.5a Please explain below why the requirements are not available.

3. PRE-PIJ/ASSESSMENT

3.1 Are you submitting this as a Pre-PIJ in order to issue a Request for Proposal (RFP) to evaluate options and select a solution that meets the project requirements?

No

3.1a Is the final Statement of Work (SOW) for the RFP available for review?

3.2 Will you be completing an assessment/Pilot/RFP phase, i.e. an evaluation by a vendor, 3rd party or your agency, of the current state, needs, & desired future state, in order to determine the cost, effort, approach and/or feasibility of a project?

No

3.2a Describe the reason for completing the assessment/pilot/RFP and the expected deliverables.

3.2b Provide the estimated cost, if any, to conduct the assessment phase and/or Pilot and/or RFP/solicitation process.

3.2e Based on research to date, provide a high-level cost estimate to implement the final solution.

4. PROJECT

4.1 Does your agency have a formal project methodology in place?

Yes

4.2 Describe the high level makeup and roles/responsibilities of the Agency, Vendor(s) and other third parties (i.e. agency will do...vendor will do...third party will do).

The HEAplus Vendor will be responsible for the Design Sessions- HEAplus vendor internal design meetings

The HEAplus Vendor will be responsible for the Development/QA- HEAplus vendor internal QA testing in DEV/QA environments

DES and AHCCCS will be responsible for SR UAT- User acceptance testing in the SR UAT environment

DES and AHCCCS will be responsible for M&O UAT- User acceptance regression testing in the M&O environment

The HEAplus Vendor will be responsible for M&O Pre prod- HEAplus vendor internal regression testing in the pre prod environment

The HEAplus Vendor will be responsible for Design Sessions- HEAplus vendor internal design meetings

4.3 Will a PM be assigned to manage the project, regardless of whether internal or vendor provided?

Yes

4.3a If the PM is credentialed, e.g., PMP, CPM, State certification etc., please provide certification information.

4.4 Is the proposed procurement the result of an RFP solicitation process?

No

4.5 Is this project referenced in your agency's Strategic IT Plan?

Yes

5. SCHEDULE

5.1 Is a project plan available that reflects the estimated Start Date and End Date of the project, and the supporting Milestones of the project?

Yes

5.2 Provide an estimated start and finish date for implementing the proposed solution.

Est. Implementation Start Date

Est. Implementation End Date

6/20/2022 12:00:00 AM

12/31/2022 12:00:00 AM

5.3 How were the start and end dates determined?

Based on project plan

5.3a List the expected high level project tasks/milestones of the project, e.g., acquire new web server, develop software interfaces, deploy new application, production go live, and estimate start/finish dates for each, if known.

Milestone / Task	Estimated Start Date	Estimated Finish Date
PIJ Approval	06/10/22	06/20/22
SR1028 Development, Test and Deploy	06/20/22	09/08/22
SR1029 Development, Test and Deploy	09/05/22	11/25/22
SR 1028 Payment (100%)	09/15/22	09/15/22
Phase 3 Submit CR to ADOA	12/02/22	12/02/22
SR 1029 Payment (100%)	12/15/22	12/15/22
Phase 3 Development, Test and Deploy	12/26/22	03/16/23
Phase 4 Submit CR to ADOA	03/04/23	03/04/23
Phase 4 Development, Test and Deploy	03/20/23	06/08/23
Phase 3 Payment (100%)	04/15/23	04/15/23
Phase 5 and 6 Submit CR to ADOA	06/02/23	06/02/23
Phase 5 and 6 Development, Test and Deploy	06/12/23	08/31/23
Phase 4 Payment (100%)	06/15/23	06/15/23

Phase 7 Submit CR to ADOA	08/25/23	08/25/23
Phase 7 Development, Test and Deploy	09/04/23	11/23/23
Phase 5 and 6 Payment (100%)	09/15/23	09/15/23
Phase 7 Payment (100%)	12/15/23	12/15/23
Close Project	12/16/23	12/31/23

5.4 Have steps needed to roll-out to all impacted parties been incorporated, e.g. communications, planned outages, deployment plan?

No

5.5 Will any physical infrastructure improvements be required prior to the implementation of the proposed solution. e.g., building reconstruction, cabling, etc.?

No

5.5a Does the PIJ include the facilities costs associated with construction?

5.5b Does the project plan reflect the timeline associated with completing the construction?

6. IMPACT

6.1 Are there any known resource availability conflicts that could impact the project?

No

6.1a Have the identified conflicts been taken into account in the project plan?

6.2 Does your schedule have dependencies on any other projects or procurements?

No

6.2a Please identify the projects or procurements.

6.3 Will the implementation involve major end user view or functionality changes?

No

6.4 Will the proposed solution result in a change to a public-facing application or system?

No

7. BUDGET

7.1 Is a detailed project budget reflecting all of the up-front/startup costs to implement the project available, e.g, hardware, initial software licenses, training, taxes, P&OS, etc.?

Yes

7.2 Have the ongoing support costs for sustaining the proposed solution over a 5-year lifecycle, once the project is complete, been determined, e.g., ongoing vendor hosting costs, annual maintenance and support not acquired upfront, etc.?

Yes

7.3 Have all required funding sources for the project and ongoing support costs been identified?

Yes

7.4 Will the funding for this project expire on a specific date, regardless of project timelines?

No

7.5 Will the funding allocated for this project include any contingency, in the event of cost over-runs or potential changes in scope?

No

8. TECHNOLOGY

8.1 Please indicate whether a statewide enterprise solution will be used or select the primary reason for not choosing an enterprise solution.

The project is using a statewide enterprise solution

8.2 Will the technology and all required services be acquired off existing State contract(s)?

Yes

8.3 Will any software be acquired through the current State value-added reseller contract?

No

8.3a Describe how the software was selected below:

8.4 Does the project involve technology that is new and/or unfamiliar to your agency, e.g., software tool never used before, virtualized server environment?

No

8.5 Does your agency have experience with the vendor (if known)?

Yes

8.6 Does the vendor (if known) have professional experience with similar projects?

Yes

8.7 Does the project involve any coordination across multiple vendors?

No

8.8 Does this project require multiple system interfaces, e.g., APIs, data exchange with other external application systems/agencies or other internal systems/divisions?

No

8.9 Have any compatibility issues been identified between the proposed solution and the existing environment, e.g., upgrade to server needed before new COTS solution can be installed?

No

8.9a Describe below the issues that were identified and how they have been/will be resolved, or whether an ADOA-ASET representative should contact you.

8.10 Will a migration/conversion step be required, i.e., data extract, transformation and load?

No

8.11 Is this replacing an existing solution?

No

8.11a Indicate below when the solution being replaced was originally acquired.

8.11b Describe the planned disposition of the existing technology below, e.g., surplus, retired, used as backup, used for another purpose:

8.12 Describe how the agency determined the quantities reflected in the PIJ, e.g., number of hours of P&OS, disk capacity required, number of licenses, etc. for the proposed solution?

No quantities are involved.

8.13 Does the proposed solution and associated costs reflect any assumptions regarding projected growth, e.g., more users over time, increases in the amount of data to be stored over 5 years?

No

8.14 Does the proposed solution and associated costs include failover and disaster recovery contingencies?

Yes

8.14a Please select why failover and disaster recovery is not included in the proposed solution.

8.15 Will the vendor need to configure the proposed solution for use by your agency?

No

8.15a Are the costs associated with that configuration included in the PIJ financials?

8.16 Will any app dev or customization of the proposed solution be required for the agency to use the project in the current/planned tech environment, e.g. a COTS app that will req custom programming, an agency app that will be entirely custom developed?

No

8.16a Will the customizations inhibit the ability to implement regular product updates, or to move to future versions?

8.16b Describe who will be customizing the solution below:

8.16c Do the resources that will be customizing the application have experience with the technology platform being used, e.g., .NET, Java, Drupal?

8.16d Please select the application development methodology that will be used:

8.16e Provide an estimate of the amount of customized development required, e.g., 25% for a COTS application, 100% for pure custom development, and describe how that estimate was determined below:

8.16f Are any/all Professional & Outside Services costs associated with the customized development included in the PIJ financials?

8.17 Have you determined that this project is in compliance with all applicable statutes, regulations, policies, standards & procedures, incl. those for network, security, platform, software/application &/or data/info found at aset.az.gov/resources/psp?

Yes

8.17a Describe below the compliance issues that were identified and how they have been/will be resolved, or whether an ADOA-ASET representative should contact you:

8.18 Are there other high risk project issues that have not been identified as part of this PIJ?

No

8.18a Please explain all unidentified high risk project issues below:

9. SECURITY

9.1 Will the proposed solution be vendor-hosted?

No

9.1a Please select from the following vendor-hosted options:

9.1b Describe the rationale for selecting the vendor-hosted option below:

9.1c Has the agency been able to confirm the long-term viability of the vendor hosted environment?

9.1d Has the agency addressed contract termination contingencies, e.g., solution ownership, data ownership, application portability, migration plans upon contract/support termination?

9.1e Has a Conceptual Design/Network Diagram been provided and reviewed by ASET-SPR?

9.1f Has the spreadsheet located at <https://aset.az.gov/arizona-baseline-security-controls-excel> already been completed by the vendor and approved by ASET-SPR?

9.2 Will the proposed solution be hosted on-premise in a state agency?

No

9.2a Where will the on-premise solution be located:

9.2b Were vendor-hosted options available and reviewed?

9.2c Describe the rationale for selecting an on-premise option below:

9.2d Will any data be transmitted into or out of the agency's on-premise environment or the State Data Center?

9.3 Will any PII, PHI, CGIS, or other Protected Information as defined in the 8110 Statewide Data Classification Policy be transmitted, stored, or processed with this project?

No

9.3a Describe below what security infrastructure/controls are/will be put in place to safeguard this data:

10. AREAS OF IMPACT

Application Systems

Database Systems

Software

Hardware

Hosted Solution (Cloud Implementation)

Security

Telecommunications

Enterprise Solutions

Contract Services/Procurements

11. FINANCIALS

Description	PIJ Category	Cost Type	Fiscal Year Spend	Quantity	Unit Cost	Extended Cost	Tax Rate	Tax	Total Cost
SR 1028 Development	Professional & Outside Services	Development	2	1	\$97,716	\$97,716	0.00 %	\$0	\$97,716
SR 1029 Development	Professional & Outside Services	Development	2	1	\$94,563	\$94,563	0.00 %	\$0	\$94,563

Base Budget (Available)	Base Budget (To Be Req)	Base Budget % of Project
\$77,271	\$0	40%
APF (Available)	APF (To Be Req)	APF % of Project
\$0	\$0	0%
Other Appropriated (Available)	Other Appropriated (To Be Req)	Other Appropriated % of Project
\$0	\$0	0%
Federal (Available)	Federal (To Be Req)	Federal % of Project
\$115,008	\$0	60%
Other Non-Appropriated (Available)	Other Non-Appropriated (To Be Req)	Other Non-Appropriated % of Project
\$0	\$0	0%

Total Budget Available	Total Development Cost
\$192,279	\$192,279
Total Budget To Be Req	Total Operational Cost
\$0	\$0
Total Budget	Total Cost
\$192,279	\$192,279

12. PROJECT SUCCESS

Please specify what performance indicator(s) will be referenced in determining the success of the proposed project (e.g. increased productivity, improved customer service, etc.)? (A minimum of one performance indicator must be specified)

Please provide the performance objective as a quantifiable metric for each performance indicator specified.

Note: The performance objective should provide the current performance level, the performance goal, and the time period within which that performance goal is intended to be achieved. You should have an auditable means to measure and take corrective action to address any deviations.

Example: Within 6 months of project completion, the agency would hope to increase "Neighborhood Beautification" program registration by 20% (3,986 registrants) from the current registration count of 19,930 active participants.

Performance Indicators

Upon completion of each one of the phases for this project, HEAplus will successfully pass an acceptance test defined specifically for each phase to demonstrate that HEAplus has maintained successful communication over the interfaces with new protocols published by the Centers for Medicare & Medicaid Services (CMS). All acceptance tests shall be written per the specifications published by CMS for each of the REST/JSON/XML services that HEAplus utilizes.

13. CONDITIONS

Conditions for Approval

Should development costs exceed the approved estimates by 10% or more, or should there be significant changes to the proposed technology scope of work or implementation schedule, the Agency must amend the PIJ to reflect the changes and submit it to ADOA-ASET, and ITAC if required, for review and approval prior to further expenditure of funds.

Quarterly reporting on the project status is due to ADOA-ASET no later than the 15th day, following the end of the quarter, after the start of the project. Failure to comply with timely project status reporting will affect the overall project health. The first status report for this project is due on October 15, 2022.

14. OVERSIGHT SUMMARY

Project Background

The Arizona Health Care Cost Containment System (AHCCCS) is Arizona's Medicaid program, a federal health care program jointly funded by the federal and state governments for individuals and families who qualify based on income level. The Division of Member and Provider Services (DMPS) is responsible for accurately determining Medicaid eligibility, enrolling members into health plans, overseeing Medicaid eligibility completed by the Department of Economic Security (DES) and maintaining member data integrity. DMPS has primary responsibility for communicating with AHCCCS members and enrolling providers in the AHCCCS network.

This project is a part of AHCCCS's ongoing HEAplus (Health-e-Arizona Plus) program, which offers the most accurate, credible, real-time eligibility determinations for public assistance programs such as Medicaid, Cash Assistance and Food Stamps. With a series of enhancements, AHCCCS will streamline the eligibility process, resulting in better, faster services to members and the organizations that serve them. This project lies within the existing five year maintenance and operations contract with the vendor, Accenture, entered into June 26, 2020.

AHCCCS currently has existing data exchanges with Centers for Medicare & Medicaid Services (CMS) under the original requirements of the Affordable Care Act (ACA/Obamacare). CMS notified states that connections need to be replaced with better ones and provided a schedule for the required data exchanges.

CMS announced that all Hub services are being updated from Simple Object Access Protocol (SOAP) / Extensible Markup Language (XML) to Representational State Transfer (REST) / JavaScript Object Notation (JSON). This project will complete the updates required for the "Verify Non-ESI MEC" service moving from H31 to RJ31. The change is required in order to maintain a successful connection with the Hub. The data fields and values available on the interface will need to remain the same. The HEAplus changes required for this update are purely technical and there will be no update to the functionality, logic to trigger these interfaces is needed. No update to the functional logic to process the response is needed, no impacts to other systems are expected and it is expected that the vendor will complete informal and formal testing with CMS.

Business Justification

SR1028 A web service call is made when a user clicks next on the Heaplus Household Summary Page, when a user clicks Re-run HUB Check button on the verification page, and/or when the user auto processes a batch job is run. Additionally, The web service retrieves the SSN, Citizenship status and Qualifying Quarters data from SSA for use by Heaplus in evaluating eligibility. When Heaplus calls this interface, Heeaplus is required to provide the specific fields. Heaplus will then get a response interface that describes the interaction between Heaplus and Federal Hub using the Hub SSA, composite REST JSON Service. Heaplus will call this web service from Federal Hub to request.

The SR1029 interface between Heaplus and Federal Hub using the Hub Verify NonESIMEC REST JSON Service. Heaplus will call this web service from Federal Hub to request information such as medicare verification details. The web service retrieves the medicare verification data from Verify NonESIMEC for use by Heaplus in evaluating

eligibility. When Heaplus calls this interface. Heaplus is required to provide specific fields and will then receive a response and will store the response in the State_Data_Hub database.

Implementation Plan

The HEAplus Vendor will be responsible for the internal design session meetings, internal testing in the development/QA environments, and internal regression testing in the pre prod environment. DES and AHCCCS will be responsible for user acceptance testing in the SR UAT environment, and user acceptance testing in the M&O environment.

It is determined by the Arizona Department of Administration (ADOA) and the Arizona Department of Homeland Security (ADOSH) that this PIJ does not involve the exchange of state data and no AZRamp is required.

Vendor Selection

Per contract YH21-0001 with Accenture, for scopes of work over \$100,000, we pay 25% at the start of work, 50% at completion of the development phase, and 25% at implementation. For scopes below \$100,000, all fees are paid upon delivery to production. No other competing quotes are required as YH21-0001 has awarded this work to Accenture over the next 5 years.

The RFP was published January 17, 2020 and by March 24, 2020, AHCCCS received offers from Accenture, Deloitte Consulting LLP, OptumInsight Inc., and The Center to Promote Healthcare Access dba Alluma. Accenture was awarded the contract June 26, 2020. The initial contract period is three (3) years, from October 1, 2020 through September 30, 2023 with two one (1)-year options to extend, not to exceed a total contracting period of five (5) years. The total 5 year contract award was \$121,341,615 which includes the Best and Final Offer (BAFO) proposed price as well as additional funding for development Service Requests (SRs) and infrastructure costs that are included in the RFP but were carved out of the cost proposal pursuant to instructions. While these additional fees are used on an as needed basis, these caps represent the expected expenditures in these categories based on averages over the past fiscal years.

Budget or Funding Considerations

Funding for this project will consist of 40% base budget and 60% federal budget.

No operational costs are included in the PIJ due to No ongoing support costs are associated. Per the contract YH21-0001 with Accenture, the agency pays 25% at the start of work, 50% at completion of the development phase, and 25% at implementation. Funding for this effort is 90% Federal funds and 10% base budget funds. There is no expiration date on the funding.

On all PIJs associated with the HEAplus system, only design, development, and implementation (DDI) modification costs are included. These system enhancements will not come with maintenance and operations (M&O) costs and the standard five years tracking requirement of the PIJ is waived. The agency is entering into any new contracts, and the existing M&O contract covers all current and future M&O costs.

15. PIJ REVIEW CHECKLIST

Agency Project Sponsor

Joni Shipman

Agency CIO (or Designee)

Dan Lippert

Agency ISO (or designee)

Anthony Flot

OSPB Representative

ASET Engagement Manager

ASET SPR Representative

Agency SPO Representative

Agency CFO
Jeff Tegen
