

APHL Request for Proposals

Technical Support and Services to Public Health Stakeholders

Informational Teleconference for Potential Applicants



Analysis. Answers. Action.

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Agenda

- RFP Schedule review
- General Information and 5m Q&A session
- Scope One: Advancement of eCR at PHAs- Overview and 10m Q&A session
- Scope Two: Informatics Expertise and Technical Assistance Support for Core APHL Informatics Initiatives- Overview and 10m Q&A session



Schedule

October 1, 2021	RFP Issued
October 12, 2021	Informational Teleconference (Q&A)
October 14, 2021	Required Letter of Intent Due to APHL – <i>indicate the scope area(s)</i>
October 27, 2021	Final Questions or Clarifications Due
November 1, 2021	RFP Responses Due
November 2 – 10, 2021	Proposal Review and Evaluation (follow-up interviews if needed)
November 16, 2021	Final review completed, and awardees selected



RFP Scope Areas

1. Advancement of Electronic Case Reporting (eCR) at Public Health Agencies (PHAs)
2. Informatics Expertise and Technical Assistance Support for Core APHL Informatics Initiatives

APHL will evaluate and award each scope area separately



General Information

- Initial Budget period – from contract signing through June 30, 2022.
- Project period through June 2025
- Multiple awards are expected under each scope area.



Communications

- All updates and daily Q&As posted here:
<https://www.aphl.org/rfp/Pages/Informatics-TSS.aspx>
- In addition, APHL will communicate any important updates or information to the primary POCs identified in the letter of intent.

Proposal Submission guidance

For each scope area:

- 10 pages of narrative and corresponding visuals
- font size of 11 points or larger
- page margins of at least 0.5 inches
- Resumes, cost proposal/staffing matrix and past experience documentation can be submitted as appendices and will not count against the page limit.



Any Questions

5 minute Q&A session



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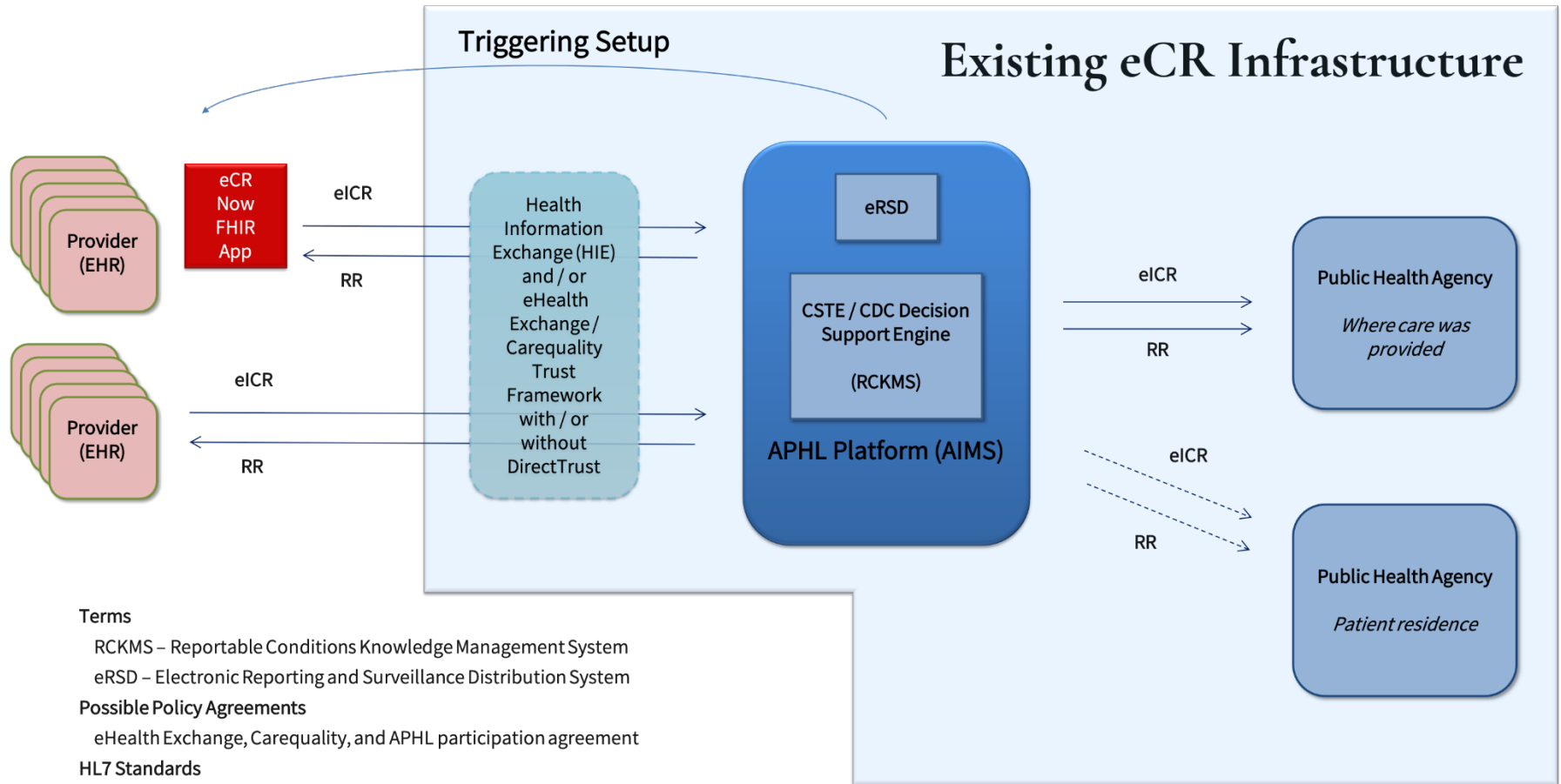
Scope of Work One: Advancement of Electronic Case Reporting (eCR) at Public Health Agencies (PHAs)



Agenda

- eCR Overview
- Overview of eCR PHA support RFP
 - Goals/Objectives
 - Scope
 - Process
- Q&A

eCR Flow



Terms

RCKMS – Reportable Conditions Knowledge Management System

eRSD – Electronic Reporting and Surveillance Distribution System

Possible Policy Agreements

eHealth Exchange, Carequality, and APHL participation agreement

HL7 Standards

eICR – Electronic Initial Case Report CDA v1.1

RR – Reportability Response CDA v1.0

Goals and Objectives of eCR Scope:

- Support PHAs to use eCR data including locals, integration into surveillance and other system(s)
 - Short and longer term support models
- Documentation to assist PHAs in using eCR data
 - eICR and developer experts, led by eCR team
- Develop robust model implementation(s), guidelines, roadmap(s)
 - Re-useable and updatable methods

Scope:

1. eCR consultancy - current state and planning

- a. Evaluation of PHA current state as preparation for planning eCR data integration implementations
- b. Common information model uses to integrate eCR content with ELR and other data sources

2. eCR payload receipt and accession

- a. technical integration needed to consume eCR payloads including multiple eCRs, content validation and tool development,
- b. Analysis and/or development to assist decision-making about pre-processing and surveillance system integrations
- c. Accession eCR payloads by a variety of metrics and manage data considered highly sensitive by PHA policy will be supported.

3. Make eCR and related content available to local PHAs

- a. short and long-term options for local PHAs to access eCR data including a variety of planning and strategy roadmaps, security and information models, set-up and configuration, integrations into surveillance system(s), and database and mapping assistance

Scope:

4. Consume eICRs and RRs into surveillance systems, registries, and databases

- a. Technical, integration engine, and development resources to implement surveillance system integration projects
- b. documentation for PHA developer(s) to maintain, modify, and extend routes, functionality, mapping, and for reporting
- c. CDA XML and FHIR XML/JSON as well as FHIR API support, preference for currently-implemented solution expertise.

5. Data integration and support services

- a. Mapping, filtering and other functions needed to use eCR data including databases and planning integrations with ELR and other data within variety of surveillance systems (NBS, Maven, EpiTrax, Sunquest, and others), registries, and databases
- b. Dashboard and other tool development for analytics and tracking

6. Training, education, communication

- a. eCR playbook/roadmap development
- b. Training materials, support databases, knowledge artifacts and others to be developed for a variety of uses
- c. Various communication and educational materials and formats such as Confluence, cohorts, training classes, etc.



Process:

- Knowledge acquisition
 - Iterative development
 - Led by eCR leadership
- SOPs, reference content repository for troubleshooting, common questions, others
- shared approaches and materials
- eCR playbook
- educational content
- technical reference documentation
- other/future needs

Evaluation

- General Areas of Evaluation
 - Management Approach
 - Technical Approach
 - Organizational Experience and Past Performance
 - Transition/Startup
- eCR Scope-specific
 - Submitter profile
 - Experience in assessment and planning, education, content development, and implementation in key areas including public health practice and surveillance systems, integration engines and content and educational artifact development
 - Potential technical approaches
 - Management Plan
 - Staffing Plan





Any Questions

10 minute Q&A session



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Scope of Work Two: Informatics Expertise and Technical Assistance Support for Core APHL Informatics Initiatives



Purpose

Identify organizations who have the organizational and technical skills to support APHL/CDC cooperative agreement funded informatics projects and initiatives through June 2025.



Approach

- APHL expects to select multiple awardees as part of this RFP process.
- APHL will make initial awards to vendors across one or more of the subject matter expertise areas discussed in the Scope of Work section
- Task orders beyond the initial award will be managed either through a closed (and accelerated) RFP process or through a call for specific human resources; restricted to awardees of this RFP.
- Awarded vendors will comprise the APHL Informatics TA resource pool, using an IDIQ contracting model.



Areas of Expertise

- Project Management and Coordination
- Business Analysis
- Vocabulary, Terminology and Coding
- Architecture
- Data and Systems Integration
- Back-end Development, Administration and Modeling



Guidance

- Applicants should submit a response that addresses all expertise areas
- Applicants may choose to highlight the areas where they have the most interest or expertise



Work themes

Discovery and Project ramp up: support for a new project with set goals, milestones and a defined end point.

Project based Technical Assistance: new or current informatics project with a concentrated TA component that involves one or more of the following models:

- Independent Implementation
- Guided Implementation
- Cohort Implementation
- Hands-on Implementation

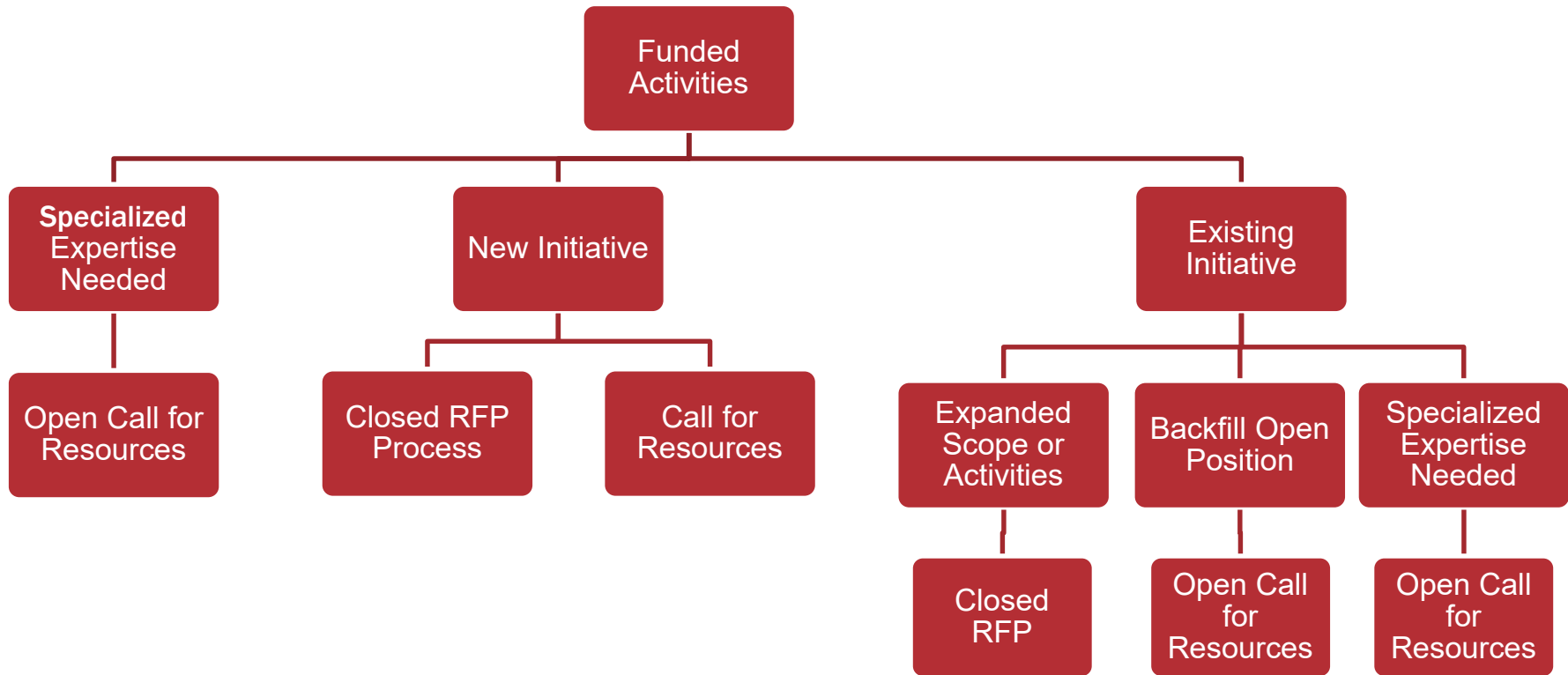
General or Direct Technical Assistance:

- Targeted Assistance: Scope-limited assistance available by stakeholder request; focused on a defined technical challenge or needed area of expertise.

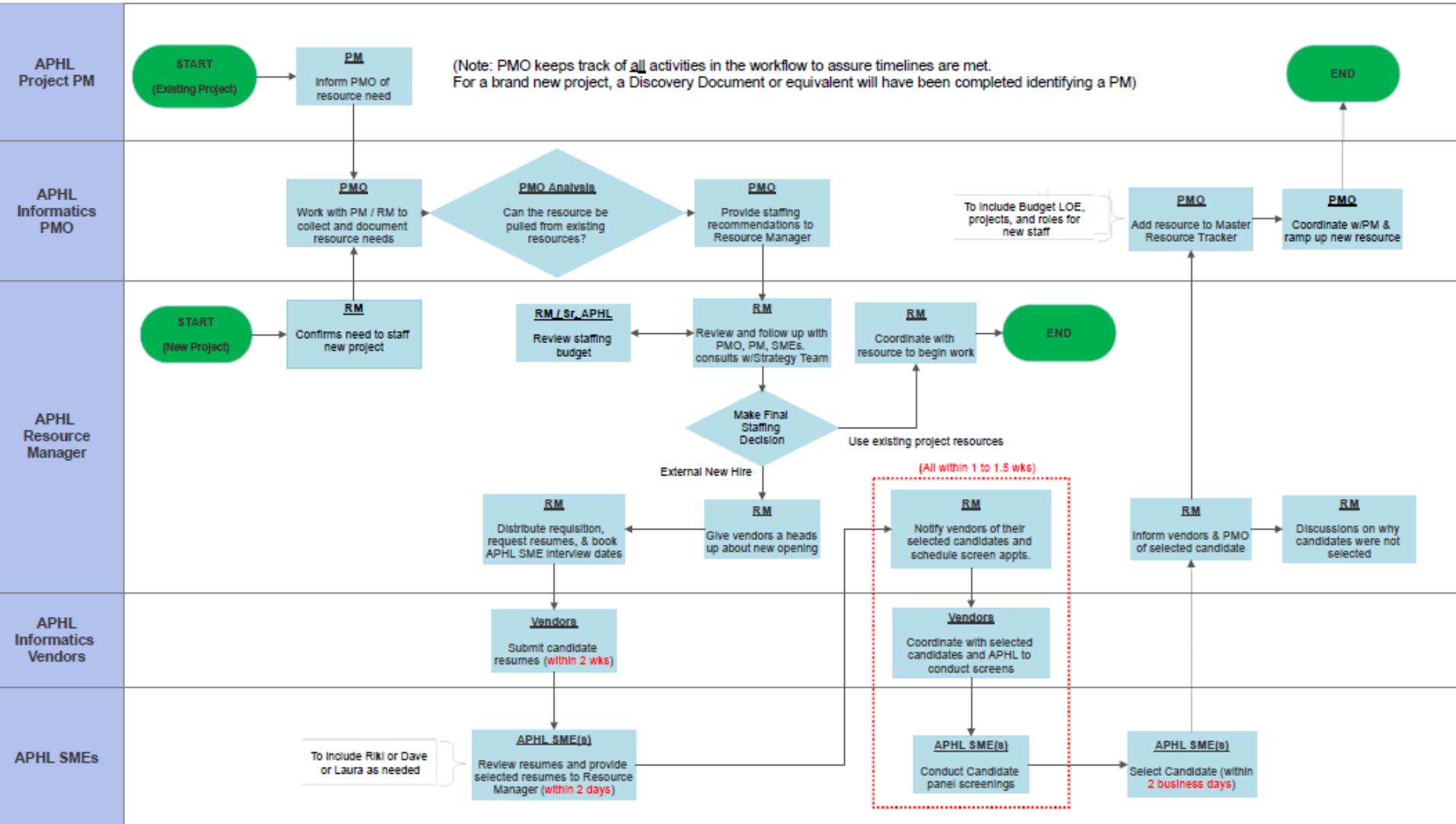
Targeted Short-Term Expertise or Process Development



Potential Engagement



Open Call Process



Expectations

- Project teams will work under the direction of APHL staff and will adhere to PMO guidance and processes.
- Teams may be blended, with expertise coming from multiple vendors, or fully awarded to one vendor based on their approach.
- Resources will collaborate and communicate with other project teams and internal SME groups to share best practices and approaches.





Any Questions

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