



Stage 3 Solution Development (Part A)

Department of Technology, SIMM 19C, Revision 9/8/2016

3.4 General Information

Agency or State Entity Name:

California Public Utilities Commission

Organization Code:

8660

Proposal Name:

RSSIMS Bulk Record Update Project

Department of Technology Project Number: 8660-073

3.5 Part A Submittal Information

Contact Information:

Contact First Name:

Dennis

Contact Last Name:

Hong

Contact Email:

dennis.hong@cpuc.ca.gov

Contact Phone Number:

(415) 703-1724

Part A Submission Date:

3/05/2021

Part A Submission Type:

New Submission

Updated Submission (Post-Approval)

Updated Submission (Pre-Approval)

Withdraw Submission

Reason: Select...

If "Other," specify:

Part A Sections Updated (For Updated Submissions only, check all that apply)

- 3.4 General Information
- 3.5 Part A Submittal Information
- 3.6 Procurement Profile
 - 3.6.1 Solicitation Identifier
 - 3.6.2 Solicitation Method
 - 3.6.3 Procurement Scope Statement
 - 3.6.4 Solicitation Contact
 - 3.6.5 Anticipated Length of Contract
 - 3.6.6 Anticipated Solicitation Key Action Dates
- 3.7 Stage 3 Solution Requirements
 - 3.7.1 Stage 3 Solution Requirements Template
 - 3.7.2 Stage 3 Requirements Count
 - 3.7.3 Stage 2 Mid-Level Solution Requirement Changes
 - 3.7.4 To-Be Business Process Workflow
- 3.8 Statement of Work (SOW)
 - 3.8.1 Completed SOW Sections
 - 3.8.2 SOW Security Attributes
- 3.9 Proposed Procurement Planning and Development Dates
- 3.10 Procurement Risk Assessments and Dependencies
- 3.11 Procurement Administrative Compliance Checklist
- 3.12 Solicitation Readiness

Part A Summary of Changes:

Made updates according to the Comment Log provided by CDT PAL Manager. Please see Comment Log for reference of the specific changes.

- Added requirement to include Disaster Recovery and Data Retention.
- Made changes to key action dates and submission dates.
- Updated the sections of the SOW.
- Refined some of the requirements on the RTM.

Part A Project Approval Executive Transmittal



RSSIMS Stage 3 Part
A & B Project Approv

Attachment:

Condition(s) from Previous Stage(s):

Condition

Condition Category

Select...

If "Other," specify:

Condition Sub-Category

Select...

If "Other," specify:

Condition

Assessment

Select...

If "Other," specify:

Agency/state Entity Response

Status

Select...

If "Other," specify:

Insert Condition

3.6 Procurement Profile

3.6.1 Solicitation Identifier

Primary Ancillary No Procurement

Department of General Services (DGS) Delegated Purchasing Authority:

Over Under

Solicitation Title: RSSIMS Bulk Record Update Project

3.6.2 Solicitation Method

Solicitation Method

Formal Competitive Solicitation

If "Other," specify:

Anticipated Amount

\$3,000,000

Conducted By

Department of Technology

If "Other," specify:

Development Status

In Progress

Solicitation Number

1120-001

3.6.3 Procurement Scope Statement

The current database is reaching the end of its life and cannot be modified to support the changing business process needs. The most significant change is the addition of bulk processing features where Rail Safety Division (RSD) staff can update data on multiple records within a record type, create multiple new records in batch process, run formulas across multiple records in a single action, or upload multiple attachments in one process step. This has been identified in order to significantly reduce the time spent on data entry and processing in the database. Improvements to the user interface and work flow will also make the system more user friendly and enhance staff productivity.

CPUC seeks a completely new system, built to modern industry standards that is reliable, efficient, and meets our business needs. The new system needs to replicate and enhance on functions of the current system to continue RSD's important safety work.

The procurement scope is to acquire services for an implementation contractor to develop a new solution that include:

- Building a new database system for RSD following current Industry Standards and Best Practices.
- Providing enhanced functionality without replicating the Legacy System's problems.
- Allowing users to more efficiently manage large sets of records and attachments. This shall allow bulk operations for record creation and update, upload and download of multiple attachments or images, and running complex calculations on many records.
- Improving the User Interface to make it more intuitive and efficient for users.
- Improving performance and reliability.
- Providing flexible and easy access for remote users.
- Meeting RSD's current business processes and needs.

3.6.4 Solicitation Contact

Contact First Name:

Raymond

Contact Last Name:

Estey

Contact Email:

Raymond.estey@state.ca.gov

Contact Phone Number:

(916) 431-3638

3.6.5 Anticipated Length of Contract

Contract Start Date: 7/27/2021

Contract End Date: 7/26/2024

Optional Years: 4

Contract Start Date: 7/27/2024

Contract End Date: 7/12/2028

3.6.6 Anticipated Solicitation Key Action Dates

Activity:	Release of Solicitation	If "Other," specify:
Start Date:	2/26/2021		
End Date:			
Number of Business Days:			
Activity:	Last day to submit written questions for clarification of solicitation for Bidder's Conference	If "Other," specify:	Click here to enter text.
Start Date:	3/12/2021		
End Date:			
Number of Business Days:			
Activity:	Bidder's Conference	If "Other," specify:	Click here to enter text.
Start Date:	3/19/2021		

End Date:			
Number of Business Days:			
Activity:	Last day to submit Exhibit 2: Intent to Bid and Exhibit 3: Confidentiality Statement (signed)	If "Other," specify:	Click here to enter text.
Start Date:	3/26/2021		
End Date:			
Number of Business Days:			
Activity:	Last day to submit written questions to and request a meeting with OTech	If "Other," specify:	Click here to enter text.
Start Date:	4/09/2021		
End Date:			
Number of Business Days:			
Activity:	State's response to bidder's questions, bidder's request for changes to the requirements and release of potential addendum (after written questions)	If "Other," specify:	Click here to enter text.
Start Date:	4/30/2021		
End Date:			
Number of Business Days:			
Activity:	Last day to submit Final Proposals	If "Other," specify:	Click here to enter text.
Start Date:	5/17/2021		
End Date:			
Number of Business Days:			
Activity:	Evaluation Period	If "Other," specify:	Click here to enter text.
Start Date:	5/18/2021		
End Date:	6/04/2021		
Number of Business Days:			
Activity:	Confidential Discussions with individual bidders	If "Other," specify:	Click here to enter text.
Start Date:	6/14/2021		
End Date:	6/18/2021		
Number of Business Days:			
Activity:	Other	If "Other," specify:	Best and Final Offer Submission
Start Date:	6/28/2021		
End Date:			
Number of Business Days:			
Activity:	Notification of Intent to Award	If "Other," specify:	Click here to enter text.
Start Date:	7/06/2021		
End Date:			
Number of Business Days:			

Activity:	Contract Execution	If "Other," specify:	Click here to enter text.
Start Date:	7/13/2021		
End Date:			
Number of Business Days:			
Activity:	Other	If "Other," specify:	Project Start Date
Start Date:	7/27/2021		
End Date:			
Number of Business Days:			
Insert Solicitation Key Action Date			
Insert Solicitation			

3.7 Stage 3 Solution Requirements

3.7.1 Stage 3 Solution Requirements Template



Exhibit A - RSSIMS
RTM for RFP v1.5.xlsx

Attachment:

3.7.2 Stage 3 Requirements Count

Total Detailed Functional Requirements:	95
Total Detailed Non-Functional Requirements:	105
Total Detailed Project/Transition Requirements:	15
Detailed Requirements Grand Total:	215

3.7.3 Stage 2 Mid-Level Solution Requirement Changes

	Yes	No
1. Since approval of the Stage 2 Alternatives Analysis, has the Agency/state entity developed any new solution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Since approval of the Stage 2 Alternatives Analysis, has the Agency/state entity modified (changed or deleted)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If question 1 or 2 above is "Yes":

- Enter the percentage of change in the space provided
- Describe below the nature and scope of the change(s), impact(s) to the recommended solution, and how requirements align with the business objectives established in the Stage 1 Business Analysis:

Percentage of Change:
12 %

Fifteen (15) Transitional Requirements were added. These requirements will help set guidelines for how development, data migration, and deployment are conducted. Seven (7) Functional Requirements were added to improve search capabilities, designate format of report outputs, and the handling of attachment(s) on reports capabilities. Three (3) Non-Functional Requirements were added to define the formats of reports produced by the application.

3.7.4 To-Be Business Process Workflow

Attachment: (File Attachment)

If a to-be business process workflow is not attached, explain why below:



RSSIMS To-Be
Process Flows.zip

3.8 Statement of Work (SOW)

Attachment: (File Attachment)



RSSIMS RFP
Statement of Work 20

3.8.1 Completed SOW Sections

- Completed SOW Section: 1. Background and Purpose
- Completed SOW Section: 2. Description of Proposed New System or Service
- Completed SOW Section: 3. Term of the Contract
- Completed SOW Section: 4. Contract Contacts
- Completed SOW Section: 5. Solution Requirements
- Completed SOW Section: 6. State Data Center or Contractor Hosted Facility Environment
- Completed SOW Section: 7. State's Roles and Responsibilities
- Completed SOW Section: 8. Contractor's Roles and Responsibilities
- Completed SOW Section: 9. Key Staff Qualifications and Skills
- Completed SOW Section: 10. Key Personnel Changes
- Completed SOW Section: 11. Escalation Process
- Completed SOW Section: 12. Change Control Procedures
- Completed SOW Section: 13. Project (Contractor) Tasks and Deliverable Requirements
- Completed SOW Section: 14. Deliverable Acceptance/Rejection Process
- Completed SOW Section: 15. Data Handling and Ownership
- Completed SOW Section: 16. Reporting
- Completed SOW Section: 17. Security
- Completed SOW Section: 18. Disaster Recovery
- Completed SOW Section: 19. Delivery (Hardware and Software)
- Completed SOW Section: 20. Hardware and Software Needs
- Completed SOW Section: 21. Escrow Source Code
- Completed SOW Section: 22. Compatibility and Interface
- Completed SOW Section: 23. System Installation
- Completed SOW Section: 24. System Implementation or Integration
- Completed SOW Section: 25. Technology Refresh
- Completed SOW Section: 26. System Testing and Acceptance Procedures
- Completed SOW Section: 27. Transition of Operation to New Contractor or to State
- Completed SOW Section: 28. Knowledge Transfer and/or Training
- Completed SOW Section: 29. Maintenance and Operations (M&O)
- Completed SOW Section: 30. Help Desk/Call Center
- Completed SOW Section: 31. Insurance Requirements
- Completed SOW Section: 32. Warranty
- Completed SOW Section: 33. Service Level Agreements (SLAs)
- Completed SOW Section: 34. Liquidated Damages
- Completed SOW Section: 35. Unanticipated Tasks
- Completed SOW Section: 36. Budget Detail and Payment Provisions
- Completed SOW Section: 37. GSPD-401IT General Provisions - Information Technology
- Completed SOW Section: 38. Miscellaneous
- Completed SOW Section: 39. Glossary of Terms

Completed SOW Section:	14. Deliverable Acceptance/Rejection Process
SOW Component Detail: (See SIMM Section 180 SOW Guidelines for specific information)	Refer to the RSSIMS SOW Section 15 – Deliverable Acceptance/Rejection Process
Responsible:	Both
Performance Deliverable:	<input checked="" type="checkbox"/>
Requirement Number(s):	N/A
Methodology/Approach:	Agency/state entity model language used If “Other,” specify:
Solicitation Number: (If applicable)	RFP 1120-001
Completed SOW Section:	15. Data Handling and Ownership
SOW Component Detail:	Refer to RSSIMS SOW Section 16 – Data Handling and Ownership
Responsible:	Contractor
Performance Deliverable:	<input checked="" type="checkbox"/>
Requirement Number(s):	T-1, T-2, T-3, T-13, T-14, T-15
Methodology/Approach:	Agency/state entity model language used If “Other,” specify:
Solicitation Number: (If applicable)	RFP 1120-001
Completed SOW Section:	17. Security
SOW Component Detail:	Refer to RSSIMS SOW Section 18 - Security
Responsible:	Contractor
Performance Deliverable:	<input checked="" type="checkbox"/>
Requirement Number(s):	N-7, N-90, N-91, N-92, N-93, N-94, N-95, N-96, F-52, F-88
Methodology/Approach:	Agency/state entity model language used If “Other,” specify:
Solicitation Number: (If applicable)	RFP 1120-001
Completed SOW Section:	18. Disaster Recovery
SOW Component Detail:	Refer to RSSIMS SOW Section 19 – Disaster Recovery
Responsible:	Both
Performance Deliverable:	<input checked="" type="checkbox"/>
Requirement Number(s):	N/A
Methodology/Approach:	Agency/state entity model language used If “Other,” specify:
Solicitation Number: (If applicable)	RFP 1120-001
Completed SOW Section:	20. Hardware and Software Needs
SOW Component Detail:	Refer to RSSIMS SOW Section 20 – Hardware and Software Needs

Responsible:	Both	
Performance Deliverable:	<input checked="" type="checkbox"/>	
Requirement Number(s):	T-11	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:
Solicitation Number: (If applicable)	RFP 1120-001	
Completed SOW Section:	24. System Installation	
SOW Component Detail:	Refer to RSSIMS SOW Section 20 – System Installation for all system installation procedures.	
Responsible:	Both	
Performance Deliverable:	<input checked="" type="checkbox"/>	
Requirement Number(s):	N/A	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:
Solicitation Number: (If applicable)	RFP 1120-001	
Completed SOW Section:	25. System Implementation or Integration	
SOW Component Detail:	Refer to RSSIMS SOW Section 25 – System Implementation or Integration	
Responsible:	Both	
Performance Deliverable:	<input checked="" type="checkbox"/>	
Requirement Number(s):	N/A	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:
Solicitation Number: (If applicable)	RFP 1120-001	
Completed SOW Section:	26. System Testing and Acceptance Procedures	
SOW Component Detail:	Refer to RSSIMS SOW Section 27 – System Testing and Acceptance Procedures	
Responsible:	Both	
Performance Deliverable:	<input checked="" type="checkbox"/>	
Requirement Number(s):	N/A	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:
Solicitation Number: (If applicable)	RFP 1120-001	
Completed SOW Section:	27. Transition of Operation to New Contractor or to State	
SOW Component Detail:	Refer to RSSIMS SOW Section 28 – Transition of Operation to New Contractor or to State	
Responsible:	Both	
Performance Deliverable:	<input type="checkbox"/>	

Requirement Number(s):	N/A	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:
Solicitation Number: (If applicable)	RFP 1120-001	
Completed SOW Section:	29. Knowledge Transfer and/or Training	
SOW Component Detail:	Refer to RSSIMS SOW Section 29 – Knowledge Transfer and/or Training	
Responsible:	Both	
Performance Deliverable:	<input checked="" type="checkbox"/>	
Requirement Number(s):	N/A	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:
Solicitation Number: (If applicable)	RFP 1120-001	
Completed SOW Section:	30. Maintenance and Operations (M&O)	
SOW Component Detail:	Refer to RSSIMS SOW Section 30 – Maintenance and Operations	
Responsible:	Contractor	
Performance Deliverable:	<input checked="" type="checkbox"/>	
Requirement Number(s):	N/A	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:
Solicitation Number: (If applicable)	RFP 1120-001	
Completed SOW Section:	32. Warranty	
SOW Component Detail:	Refer to RSSIMS SOW Section 33 – Warranty	
Responsible:	Contractor	
Performance Deliverable:	<input checked="" type="checkbox"/>	
Requirement Number(s):	N/A	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:
Solicitation Number: (If applicable)	RFP 1120-001	
Completed SOW Section:	33. Service Level Agreements (SLAs)	
SOW Component Detail:	Refer to RSSIMS SOW Section 34 – Service Level Agreements	
Responsible:	Both	
Performance Deliverable:	<input checked="" type="checkbox"/>	
Requirement Number(s):	N/A	
Methodology/Approach:	Agency/state entity model language used	If "Other," specify:

Solicitation Number: (If applicable)	RFP 1120-001
Completed SOW Section:	34. Liquidated Damages
SOW Component Detail:	Refer to RSSIMS SOW Section 34 – Service Level Agreements
Responsible:	Contractor
Performance Deliverable:	<input type="checkbox"/>
Requirement Number(s):	N/A
Methodology/Approach:	Agency/state entity model language used If "Other," specify:
Solicitation Number:	RFP 1120-001

3.8.2 SOW Security Attributes	Yes	No
1. Does the SOW provide details on the information security and privacy controls that are required (based on	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Does the SOW define how the information security and privacy controls will be procured and implemented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Does the SOW include provisions for creating the System Security Plan (SSP)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3.9 Proposed Procurement Planning and Development Dates

Activity	Planning and Development Phase - Mature Mid-Level Requirements
Start Date	11/02/2020
End Date	1/06/2021
Number of Business Days	43
Activity	Solicitation Development Phase
Start Date	9/08/2020
End Date	2/26/2021
Number of Business Days	123
Activity	Procurement Phase
Start Date	2/26/2021
End Date	7/05/2021
Number of Business Days	85
Activity	Negotiations
Start Date	6/14/2021
End Date	6/28/2021
Number of Business Days	10
Activity	Post Award Activities
Start Date	7/06/2021
End Date	7/27/2021

Insert Activity

3.10 Procurement Risk Assessments and Dependencies

	Yes	No	N/A
1. Has the Agency/state entity identified procurement-related external dependencies (e.g., supplier viability, stakeholder/customer legal constraints, ancillary contracts, other state or federal legislation)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If "Yes," describe dependencies below:			
RSSIMS IV&V			
2. Has the Agency/state entity completed the State Contracting Manual Volume 3, Chapter 4, Section 4.B2.13 Risk Criteria Guidelines and incorporated financial protection measures for the primary solicitation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Does the Agency/state entity intend to maintain ownership of any source code developed for this solution?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If "Yes," describe below how ownership will be obtained, maintained, and upgraded:			
We will be maintaining it by requiring periodical check-in of all source code into CPUC's GitHub.			
4. Will this transaction be financed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If "Yes," attach the approved State Financial Marketplace Compliance Certification form and			
Attachment: (File Attachment)			

3.11 Procurement Administrative Compliance Checklist

(Questions may not be all-inclusive)	Yes	No	N/A
1. Has the Agency/state entity obtained approval from Department of General Services Procurement Division (DGS/PD) or Statewide Technology Procurement Division (STPD) to use an alternative evaluation model other than a 50/50 cost split? If "Yes," attach approval below.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Attachment: (File Attachment)			
If "Yes" or "No," below provide a brief description of the evaluation criteria proposed:			
2. Has the Agency/state entity received signed confidentiality statements from all project participants	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3. Has the Agency/state entity received signed conflict of interest statements from all project participants (internal and external)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Has the Agency/state entity obtained an exemption from the Disabled Veteran Business Enterprise (DVBE) participation requirements and/or the DVBE participation incentive through an approved DVBE Waiver? If "Yes," attach the waiver below:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Attachment: (File Attachment)			
If "No," provide a brief explanation below:			
5. Does the Agency/state entity's solution requirements ensure compliance with the Information Technology Accessibility Policy (SAM Section 4833)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. Has the Agency/state entity completed and received approval of the SIMM Section 71 Certification of Compliance with IT Policies? If "Yes," attach the approved certification below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



SIMM-71B-Certificat
ion 4-2020 - RSSIMS

Attachment:

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| 7. Has the Agency/state entity completed and received approval of a personal services contracts justification (Government Code Section 19130)? If "Yes," attach the approved justification below. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|-------------------------------------|--------------------------|--------------------------|



CPUC GC19130 CIO
Inquiry - RSSIMS Imp

Attachment:

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 8. Will the Agency/state entity's solicitation ensure compliance with productive use requirements? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|--------------------------|

3.12 Solicitation Readiness

	Yes	No	N/A
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- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| 1. Has the Agency/state entity started development of a Bidder's Library? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|-------------------------------------|--------------------------|--------------------------|

- | | | | |
|---|------------------------|--|--|
| 2. What evaluation methodology was selected for the primary solicitation? | Value Effective | | |
|---|------------------------|--|--|

Explain the rationale for selection below: Restricted by a fixed budget and a due date of when funding as to be used by lead us to evaluating with priority of cost.

- | | | | |
|---|-------------------------------------|--------------------------|--|
| 3. Has the Agency/state entity started development of the evaluation (and selection) criteria for the primary solicitation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
|---|-------------------------------------|--------------------------|--|

- | | | | |
|---|-------------------------------------|--------------------------|--|
| 4. Has the Agency/state entity started development of the cost worksheets as part of the evaluation for the solicitation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
|---|-------------------------------------|--------------------------|--|

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| 5. Has the Agency/state entity started development of the bidder and key staff qualifications as part of the evaluation for the solicitation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|-------------------------------------|--------------------------|--------------------------|

If "N/A," briefly explain below why bidder and key staff qualifications will not be included in the evaluation for the solicitation:

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| 6. Has the Agency/state entity started development of the bidder and key staff references as part of the evaluation for the solicitation? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|-------------------------------------|--------------------------|--------------------------|

If "N/A," briefly explain below why bidder and key staff references will not be included in the evaluation for the solicitation:

Stage 3 Solution Development (Part A) – Department of Technology Use Only

Original "New Submission" Date	2/19/2021
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Form Received Date	3/05/2021
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Form Accepted Date	3/05/2021
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Form Status	Completed
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Form Status Date	4/22/2021
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