

2.1 General Information					
Agency or State Entity Name:					
Employment Development Department					
Organization Code:					
7100					
Proposal Name:					
Benefit Systems Modernization					
Department of Technology Project Number:	7100-222				
2.2 Preliminary Submittal Information					
Contact Information:					
Contact First Name:	Contact Last Name:				
Brandon	Rutschmann				
Contact Email:	Contact Phone:				
Brandon.Rutschmann@edd.ca.gov	916-255-2993				
Preliminary Submission Date:	insmittal:				
01/27/2017 (Include transmittal as an at submission.)			ur email		
2.3 Stage 2 Preliminary Assessment					
2.3.1 Impact Assessment					
		Yes	No		
1. Has the Agency/state entity identified and committed se all business sponsors and key stakeholders?	ubject matter experts from	$\boxtimes$			
2. Are all current baseline systems that will be impacted by	y this proposal documented		$\boxtimes$		
and current (e.g., data classification and data exchange	agreements, privacy impact				
assessments, design documents, data flow diagram, dat	a dictionary, application				
3. Does the Agency/state entity anticipate needing suppor	t from the California		$\boxtimes$		
Department of Technology (CDT) Statewide Technology					
market research for this proposal (Market Survey, Request for Information)?					
4. Does the Agency/state entity anticipate submitting a bu	$\boxtimes$				
procurement activities of this proposal?					
support activities included in Financial Information Syste					
(e.g., financial accounting, asset management, human re					
procurement/ordering, inventory management, facilitie	s management)?				
6. Does the Agency/state entity have a designated Chief A	rchitect or Enterprise	$\boxtimes$			
Architect to lead the development of baseline and alter	native solutions architecture				
uescriptions:					



7. Will the Agency/state entity's Information Security Officer be involved in the development and review of any security related requirements?						$\boxtimes$		
8. Does the Agency/state entity anticipate performing a business-based procurement to have vendors propose a solution?					ement	$\boxtimes$		
2.3	2.3.2 Business Complexity Assessment							
Bus	siness Complexity:	2.5	Business Complexity Zone:	🗌 High	🛛 Medi	ium 🗌	Low	

Attachment A 2.3.2 BSM Complexity identifies the business and technical complexity scores for the BSM Project.



Attachment A 2.3.2 BSM Complexity.pdf



2.4 Sub	omittal Information		
Contact I	Information:		
Conta	ct First Name:		Contact Last Name:
Brand	on	1	Rutschmann
Conta	ct Email:		Contact Phone:
Brand	on.Rutschmann@edd.ca.gov	Q	916-255-2993
Submissi	ion Date:		Project Approval Executive Transmittal:
6/7/2018	3	(	Include transmittal as an attachment to your email
0,7,2010	_	9	submission.)
Submissi	on Type:		
New S	Submission	Upd	ated Submission (Post-Approval)
		Rea	ason: Select
		If "	Other," specify:
r			
Section	ns Updated (For Updated Submissions Only) – (check all 1	that a	pply)
□ 2.	1 General Information		2.10.6 Implementation Approach
□ 2.	2 Preliminary Submittal Information		2.10.7 Architecture Information
□ 2.	3 Stage 2 Preliminary Assessment		2.11 Recommended Solution
	2.3.1 Impact Assessment		2.11.1 Rationale for Selection
	2.3.2 Business Complexity Assessment		2.11.2 Technical/Initial IT Project Oversight Framework Complexity Assessment
□ <b>2</b> .	4 Submittal Information		$\square$ 2 11 3 Procurement and Staffing Strategy
$\square$ 2	5 Baseline Processes and Systems		$\square$ 2 11 4 Enterprise Architecture Alignment
	2.5.1 Description		$\square$ 2 11 5 Project Phases
	2.5.2 Business Process Workflow		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	2.5.2 Dusiness Frocess Workhow		$\square$ 2.11.7 Cost Summary
	2.5.4 Current Architecture Diagram		2 12 Staffing Plan
	2.5.4 Current Architecture Diagram		2.12 Statning Flat
	6 Mid Level Solution Requirements		
	7 Assumptions and Constraints		$\Box$ 2.12.2 Dusiness Program
	Market Research		2.12.4 Testing
	2 0.1 Market Research Mathedalagies /Timeframes		
	2.9.1 Market Research Methodologies/Timeframes		2.12.6 Training and Organizational Change Management     2.42.7 Because Consists (Chills (Kennels days for Steep 2 Colution)
	2.9.2 Results of Market Research		2.12.7 Resource Capacity/Skills/Knowledge for Stage 3 Solution
	10 Alternative Solutions		
	2.10.1 Solution Type)		□ 2.12.8 Project Management
	Recommended		□ 2.12.8.1 Project Management Maturity Assessment
_			2.12.8.2 Project Management Planning
	2.10.2 Name	_	□ 2.12.9 Organization Charts
		a	2.13 Data Conversion/Migration
			2.14 Financial Analysis Worksheets
	2.10.5 Assumptions and Constraints		
Summar	y of Changes:		



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Project Approval Executive Transmittal:		Attach transmittal to email submission.		
Condition(s) from Previous Stage(s):				
Condition #				
Condition Category	Select			
Other, specify				
Condition Sub-category	Select			
Other, specify	••••			
Condition				
Assessment	Select			
Other, specify				
Agency/state Entity Response				
Status	Select			
Other, specify				
Select + to add conditions				

#### 2.5 Baseline Processes and Systems

#### 2.5.1 Description

The Employment Development Department (EDD) administers several multi-billion dollar benefit programs, including the Unemployment Insurance (UI) and State Disability Insurance (SDI) programs that provide financial stability to workers and communities.

The UI Branch (UIB) administers the employer funded UI program, a short-term wage replacement program for unemployed individuals. The mission of the UIB is to provide comprehensive UI services to California's workers and employers. These services sustain economic prosperity in California communities, provide income replacement, and assist in the reemployment of workers.

The Disability Insurance Branch (DIB) administers the SDI program which provides partial wage replacement benefits to California workers. The SDI program is comprised of the following components: Disability Insurance (DI), Paid Family leave (PFL), Voluntary Plan (VP), Non-Industrial Disability Insurance (NDI), and Disability Insurance Elective Coverage (DIEC).

The DI provides temporary, partial wage replacement to eligible workers of California who suffer a loss of wages when they are unable to perform their regular or customary work due to mental or physical illness or injury. The PFL provides benefits for bonding with a new child or to care for a seriously-ill family member. The VP is a private short-term DI coverage that an employer may offer to its California employees as a legal alternative to the mandatory state plan coverage. The NDI provides short-term DI benefits for select State employees and retirees. The DIEC Program is an optional program for business owners and self-employed individuals who are not required to pay into the SDI, but want to be covered by the DI and PFL.

The EDD's Tax Branch will also be impacted by the BSM Project as many of its programs are tightly integrated with the EDD's benefit programs. The Tax Branch is one of the largest tax collection entities in the United States. The Branch handles the customer service, education, administrative, and enforcement functions for the collection, accounting, and audit of UI and Employment Training Tax (ETT) contributions, and DI and Personal Income Tax (PIT) withholdings. In addition, the Tax Branch is responsible for the collection of UI and DI benefit overpayments.

The Tax Branch establishes employer accounts, maintains tax, wage, and monetary information, and determines employer tax rates. The Tax Branch also ensures that employers promptly and accurately report data and pay revenues necessary to support services and benefits provided by the UI, SDI, ETT, and PIT withholding programs.



The Tax Branch also houses the Department's Document and Information Management Center which digitally scans and stores employer wage detail, claim forms, employer electronic responses (SIDES), and related correspondence for the Tax, SDI and UI programs.

The following are the high-level UI, DI, and Tax branch processes:

- Ability to serve customers throughout California by providing: Claim filing, Claim processing, Benefit payments, Eligibility determinations, Recomputations, Appeals, Overpayment resolution, Identity verification, Fraud prevention, stakeholder communication, policy development, performance management, required State and Federal reporting, and benefit accounting and auditing.
- Provide VP, NDI, PFL, and DIEC administration.
- Administer the Federal Disaster Unemployment Assistance, State Special School Benefits, Federal Trade Adjustment Assistance, Trade Readjustment Allowances, California Training Benefits, Work Sharing, and Federal Trade Act UI Programs, including the Health Care Tax Credit.
- Administer interagency offset programs with the Franchise Tax Board, the California Lottery, the Internal Revenue Service, and the Department of Child Support Services.
- Determining employers' liability of benefit charges.

Please note that the EDD successfully replaced the Tax Branch legacy systems with a modernized Commercial Off the Shelf system the Accounting and Compliance Enterprise System (ACES) in January 2011. The ACES system will remain in place and interface where necessary with the BSM solution.

#### 2.5.2 Business Process Workflow

The BSM Project team identified 715 existing system processes from UI, DI, and Tax Branch that are within scope of the BSM project. Attachment B 2.5.2 groups the processes into 10 distinct high level functions. These high level functions have been mapped to the mid-level requirements and will be mapped to the detailed business requirements as part of Stage 3 Solution Development.



Attachment B 2.5.2 High Level Functions

Attachment C 2.5.2 contains the Acronym and Glossary list associated with the existing UI, DI, and Tax Branch processes.



Glossary.pdf

Attachment D 2.5.2 contains the BSM data dictionary.





The below links include the various state and federal policies associated with the UI and SDI programs that dictate the need for the business processes above:

Code of Federal Regulations (CFR) – Title 20 https://www.dol.gov/general/cfr/title\_20

California Unemployment Insurance Code <u>https://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=UIC</u>

California Code of Regulations EDD

https://govt.westlaw.com/calregs/Browse/Home/California/CaliforniaCodeofRegulations?guid=I6F582E80D4B611DE 8879F88E8B0DAAAE&originationContext=documenttoc&transitionType=Default&contextData=(sc.Default)

2.5.3 Current Arc	.5.3 Current Architecture Information						
Business Function	/Process(es)	Attachment E 2.5.3 identifies all required information for this section by benefit system.					
Application, Syste	m or Component						
COTS, MOTS or Cu	istom	Select					
Name/Pri	mary Technology:						
Runtime Environment	Cloud Computing Used?	🗆 Yes 🗆 No	If "Yes," specify:	Select			
	Server/Device Function						
	Hardware						
	Operating System						
	System Software						
		Select + to add system software					
System Interfaces							
Data Center Locat	ion Other, specify	Select					
Security	Access	Public Internal State Staff External State Staff					
	(check all that apply)	□ Other, specify:					
	Type of Information	Personal 🗆 Health 🗆 Tax 🗆 Financial 🗆 Legal					
	(check all that apply)	□ Confidential □ Other, specify:					
	Protective Measures	Technical Security I Identity Authorization and Authentication					
	(check all that apply)	Physical Security Backup and Recovery					
		□ Other, specify:					
Data Management	Data Owner	Name:					
		Title:					
		Business Program:					



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Data Custodian		Name:				
		Title:				
		Business Program:				
<b>Business Function</b>	/Process(es)					
Application, Syste	m or Component					
COTS, MOTS or Cu	istom					
Name/Prir	mary Technology:					
Runtime Environment	Cloud Computing Used?	🗆 Yes 🛛 No	If "Yes," specify:			
	Server/Device Function					
	Hardware					
	Operating System					
	System Software					
		Select + to add system software				
System Interfaces						
Data Center Locat	ion					
	Other, specify	Click here to ent	ter text.			
Security	Access	Public Internal State Staff External State Staff				
	(check all that apply)	Other, specify:				
	Type of Information	🗆 Personal 🗆 Health 🗆 Tax 🗆 Financial 🗆 Legal				
	(check all that apply)	Confidential      Other, specify:				
	Protective Measures	Technical Security I Identity Authorization and Authentication				
	(check all that apply)	Physical Secu	irity 🛛 Backup and	Recovery		
		🗆 Other, specif	y:			
Data Management	Data Owner	Name:				
		Title:				
		<b>Business Progra</b>	m:			
Data Custodian		Name:				
		Title:				
		Business Program:				

Select + to add business functions/processes 2.5.4 Current Architecture Diagram

Attachment F 2.5.4 provides a visual understanding of the relationships between the benefit systems, primary users, business processes, information, applications, technology, and system interfaces.



Attachment F 2.5.4 Architecture Diagram

#### 2.5.5 Security Categorization Impact Table

Attachment G 2.5.5 categorizes and classifies the EDD assets by benefit system.





Attachment G 2.5.5 Security Categorizat

SECURITY CATEGORIZATION IMPACT TABLE SUMMARY						
SECURITY OBJECTIVE	LOW	MODERATE	HIGH			
Confidentiality		$\boxtimes$				
Integrity		$\boxtimes$				
Availability		$\boxtimes$				

#### 2.6 Mid-Level Solution Requirements

Attachment H 2.6 provides the mid-level requirements, which were included in the Request for Information (RFI)



Attachment H 2.6 Midlevel Solution Re

2.7 Assumptions and Constraints	
Assumptions/Constraints	Description/Potential Impact
The EDD will assign qualified dedicated resources to the project.	The Project could be delayed and product quality could be impacted if dedicated resources are not made available.
The Benefit Systems Modernization (BSM) Executive Steering Committee (ESC) will continue to provide governance support and commitment throughout the project.	Insufficient sponsorship and commitment could impact project success.
Project executives will actively participate in the project and complete reviews and make decisions in a timely fashion.	The Project could be delayed and/or require rework due to lack of timely direction from Project executives.
Internal EDD and the Labor and Workforce Development Agency review and approvals will be completed in a timely fashion.	The Project could be delayed if approvals are not received in a timely fashion.
Control agencies will complete review and approval of Project Approval Lifecycle (PAL) and budget related requests in a timely fashion.	The Project could be delayed if approvals are not received in a timely fashion.
The Legislature will review and approve budget related requests and Legislative notifications in a timely fashion.	The Project could be delayed if Legislative approvals are not received in a timely fashion.
The business will drive the functional requirements for all business processes and	The Project could be delayed and/or require rework due to misstated or missed business requirements.



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actively provide additional Subject Matter	
Expert (SME) input whenever required.	
The ITB is responsible for all technology	
processes and will provide program support. ITB	The Project could be delayed and/or require rework
will provide additional technical Subject Matter	due to misstated or missed technical requirements.
Expert input whenever required.	
BSM will require modification and/or creation of	Without supporting, efficient business processes,
new business processes.	project objectives may not be met.
In order to realize full system potential, program	
areas will accept and support process	Lack of timely adoption of process changes could result
improvements (changes) necessitated by project	in delayed realization of project goals.
implementation.	
The Organizational Change Management (OCM)	Lack of offective OCM could result in delayed
efforts will be sufficient to support successful	realization of project goals
project implementation.	
The project objectives will be reassessed as the	As Project planning progresses through the PAL
project progresses to ensure alignment with the	process, the Project may need to adapt project
overall BSM solution and Department needs.	objectives to new or unanticipated project changes.
System requirements and System Integrator	
contract will address scalability to anticipate any	The solution may not be able to address business needs
new legislative mandates that impact the	then current at the time of implementation.
project.	

2.8 Dependencies					
Elen	nent	Description			
Project Funding Project Funding project system.		Addition impleme project li system.	Iditional project funding for project planning and plementation activities will be needed throughout the oject lifecycle in order to successfully implement the new stem.		
Expert Program and Technical Staff must be secured on an ongoing basis to support the development of functional and non-functional system requirements, business rule extraction and discovery, data quality analysis, and system implementation support.			m and Technical Staff must be secured on an to support the development of functional and I system requirements, business rule extraction data quality analysis, and system on support.		
2.9 Market Research					
2.9.1 Market Research Methodologies/Timeframes					
Met	hodologies Used To Perform Market Researc	h (chec	k all t	hat apply):	
$\boxtimes$	Request for Information (RFI)			Trade shows	
$\boxtimes$	☑ Internet Research		$\boxtimes$	Published Literature	
$\boxtimes$	Vendor Forums/Presentation			Leveraged Agreements	
$\boxtimes$	Collaboration with other Agencies/state entities or governmental entities			Other, specify:	
Tim	Time spent conducting market research: Over 1 Year				



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Date market research was started:	2/8/2016
Date all market research was completed:	1/31/2018
2.9.2 Results of Market Research	

#### Initial Market Research

The Department began early Market Research efforts for the BSM project in February 2016. The Department's early efforts included surveying eleven states and one three-state consortium, all of which had recent implementations of new unemployment insurance benefit systems. From the initial state surveys, the Department learned of various Modifiable Commercial Off the Shelf (MOTS) solutions available in the benefits administration space that had the potential to meet the EDD's business needs. The Department invited a sampling of vendors to provide informal demonstrations of their products and discuss features that may be needed in a benefits system for the EDD. This initial market research was used in the development of the BSM Stage 1 Business Analysis deliverable.

#### **Survey of other States**

The EDD is also a member agency of the National Association of State Workforce Agencies (NASWA). The NASWA establishes and maintains workgroups amongst the 53 workforce agencies of the United States, Puerto Rico, and Guam to enable cross-pollination of approaches, implementing lessons learned, and leveraging project artifacts for benefit system modernization efforts across the country. Through NASWA's membership, the Department has direct access to the most current information on developments in the state workforce system, including emerging challenges and issues facing state workforce agencies and their local partners. The NASWA operates as the unique national clearinghouse of technical information and knowledge repository for UI agencies across the country, to limit risks and increase Information Technology (IT) compatibility among states. The Department analyzed the NASWA's data on other workforce agency's legacy system modernization projects in order to determine solution alternatives that would offer the greatest opportunity for success, based on recent efforts. The following charts summarize the Department's findings that clearly demonstrate MOTS solutions as the preferred alternative for benefit system modernization projects:







		Distribution by	Distribution by
Row Labels	-	States (%)	States (count)
Completed		58.06%	18
Terminated		6.45%	2
Withdrew		3.23%	1
In Progress		32.26%	10
Grand Total		100.00%	31



#### **Request For Information**

The EDD released an RFI in December 2017 to survey the vendor community with EDD-specific business needs. The RFI identified vendors that have experience in workforce benefit agencies and compiled information regarding vendor experience, methods, capability, and tools, which assisted the EDD in identifying products and methods that can meet its business needs. The RFI included the mid-level requirements developed as part of Stage 2 with an evaluation matrix to determine if vendor products were a good fit for the EDD and could meet the EDD's needs "out-of-the-box" or would require customization. In addition, the respondents were asked to self-assess their capacity to meet the EDD's high-level requirements. The RFI included a vendor questionnaire to gather Rough Order of Magnitude platform and implementation costs, project team composition, infrastructure requirements, and implementation options.

A total of seven vendors responded to the RFI, six of which included viable solution options, all of which were based on MOTS solution platforms. The vendor responses indicated a high degree of alignment between their "out-of-the" box products and the EDD's mid-level solution requirements, and that an appropriate level of customization would be needed to meet the remainder of the EDD's needs. The EDD will require a higher level of customization than a typical MOTS implementation, perhaps as high as 30%, due to the uniqueness of California's size and complexity, and the combination of three benefit programs into one system. The vendors' Rough Order of Magnitude costs covered a wide range and each included a number of assumptions that will impact their final cost numbers all of which will need to be fleshed out as the project progresses in Stage 3.

	_	_		_	_	_
	Vendor 1	Vendor 2	Vendor 3	Vendor 4	Vendor 5	Vendor 6
Vendor Implementation Costs	\$ 57,536,000	\$ 108,064,500	\$ 96,150,000	\$ 84,500,000	\$ 59,312,749	**
Vendor Implementation Staff	75	50	**	75	80	**
Proposed Implementation Timeframe (Months)	24	42	42	36	32	**
1-Year Vendor M&O Costs	\$ 11,314,000	\$ 11,150,000	\$ 11,300,000	\$ 10,700,000	\$ 11,680,621	**

**RFI Results Summary** 

\*\*Vendor did not provide requested information

#### **Industry Best Practices**

The EDD also utilized its Gartner subscription and found Gartner's Pace Layers framework that is used to guide application delivery options. Gartner frames applications into three broad categories as follows: Systems of record – Usually found in business capabilities with a clear focus on standardization and/or operational efficiency (i.e. Government); Systems of differentiation – Typically related to business capabilities that enable unique or industryspecific capabilities that sustain a company's competitive advantage; and Systems of innovation – New applications and products that are built on an ad hoc basis to address emerging business requirements, business opportunities or even new business models. The EDD fits the Systems of record category because the business rate of change is low as the processes are well established and subject to regulatory requirements and laws. The EDD also has a clear focus on business capabilities for BSM that focus on standardization and operational efficiency. Gartner prescribes delivery options relevant to each of the above application categories. In the Systems of record space (Government Sector), which the EDD falls into, Gartner places a high relevance (high alignment) on applications that provide a buy (on-prem) or subscribe (cloud) and configure (MOTS) model.

#### Conclusion

The collective market research activities for the BSM Project have confirmed that mature MOTS workforce/benefit systems are in use throughout other jurisdictions and support a wide range of benefit types and business processes. Most all MOTS vendors possess a significant amount of state or industry experience and have installed their products in government workforce agencies, with proven results. These vendors have also worked with systems integrators to provide software implementation and support services. These findings have confirmed that the Department's proposed solution approach to acquire a MOTS system will meet the BSM Project objectives.

#### **2.10 Alternative Solutions**



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#### 2.10.1 Solution Type

#### ⊠ Recommended

#### 2.10.2 Name

MOTS Implementation – Incremental Business Value Delivery

#### 2.10.3 Description

The **recommended solution** will replace the EDD's UI, DI, and PFL systems with one fully integrated MOTS solution. This recommended implementation approach will deliver incremental business value as the various components of the MOTS solution are developed and released into production. This approach will provide the Department early and frequent opportunities to assess vendor and solution performance to ensure the State's investment remains sound. This alternative will implement the UI, DI, and PFL functionality simultaneously in the final release due to their tight integration needs, which avoids the risks, costs, and timeline associated with building single-use piecemeal integration components during the transition.

The EDD is planning to pair an iterative system development methodology with the incremental business value delivery approach to streamline the project schedule and delivery. Some benefits of using an iterative system development methodology include:

- Cycle time reduction between design and testing resulting in higher system quality
- Earlier and continuous delivery of product with business value
- Prompt and frequent viability assessment of the vendor and solution
- Early issue identification to implement course corrections
- Facilitation of better team work, collaboration, and communication which will result in higher quality

The EDD has developed the following proposed implementation plan that will provide incremental business value at reduced cost drivers and with a reduced amount of risk. The EDD will work with the vendor community through Stage 3 Solution Development to confirm and/or revise this plan as needed to achieve maximum value and efficiency:

#### Release 1 – Infrastructure and Core Data Model

Building on lessons learned from other large-scale California legacy system replacement projects, the EDD envisions the first release to include the complete solution hardware infrastructure design, installation, and configuration, including disaster recovery. In this release, all necessary solution, database, and server software will be installed in all required environments (development, conversion, test, training, performance, production) with a base configuration and core data model. Any infrastructure and application monitoring tools will also be setup and tested for providing base functionality for use in the following releases. As part of this initial installation, the vendor will also establish and prove solution DevOps tasks such as configuration management tools, build and deploy processes, and server patching.

In this release, the interface and batch processing architecture will also be established and tested for base connectivity and functionality.

Through establishing and proving the solution infrastructure early in the project, the EDD will also be able to establish and prove basic integration with EDD's enterprise architecture components that will continue as a part of the BSM solution (e.g. Oracle Identity Management, etc.).

#### **Release 2– Non-Automated Tasks/Processes**

The EDD is fortunate in that it currently has several completely manual and/or paper based benefits programs that provide an opportunity to develop and test the new system's functionality without impact to the existing benefit systems. This release will include the automation of these functions. The MOTS product will be configured and/or modified to meet EDD business requirements which will exercise the solution's and contractor's capabilities.



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While these processes are manual and paper based today, they will still benefit from the use of some core legacy system data such as basic customer information and lookup data. This provides the Department an early opportunity to develop and test data conversion processes and an initial assessment of conversion performance. Release 2 also allows the EDD to prove out the solution's core interface functionality. Additionally, this release will create the first training material for internal staff and customers creating a valuable training base to be leveraged going forward. From an organizational change management perspective, this release will be used to market system functionality to later releases to promote enhanced acceptance of the new system.

#### **Release 3 - Non-Core Systems**

This release is envisioned to include an array of Non-Core system functionality such as Fraud, Collections, Security and Audit capabilities features which are stand-alone functions and will be replaced by configuring and/or modifying the MOTS product's equivalent features and capabilities. This release will further test the vendor's data conversion and system performance by bringing in additional legacy system data as needed to support this expanded functionality. At this stage, the existing legacy applications performing these functions might be retired or could run in parallel to prove system performance. Full decommissioning will occur after successful implementation of all programs.

#### Release 4 – Web and Mobility platform Read only functions

This release is envisioned to include the capability for customers to view read only data via Web and Mobility platforms. In order to support the expanded functionality, the database will need to be further populated with additional legacy data continuing to test and expand the data conversion process in preparation for full conversion. This will provide business value by assisting customers in providing read only access to customers' wage information, employer information, past claim data, current claim information and benefits which will assist in reducing the number of questions and phone calls the EDD receives. The advance release of the mobility platform will help validate the solution's mobility capability early in the effort prior to full system functionality being deployed. It will also provide an early opportunity to conduct mobility performance and load testing ahead of the full release. The EDD will gain valuable Usability Experience data from the end users based on actual usage.

#### Release 5 – UI, DI, and PFL system functionality

This final release will complete the replacement of the existing UI, DI, and PFL systems with the new MOTS solution. This release will leverage lessons learned from the prior releases to significantly reduce implementation risks. This release will include a complete cutover and data conversion from the respective legacy systems to the new solution. The existing legacy applications performing these functions will be fully retired as well following successful implementation and stabilization of the new MOTS solution post go-live.

#### Approach (Check all that apply):

	Increase staff – new or existing capabilities
$\boxtimes$	Modify the existing business process or create a new business process
	Reduce the services or level of services provided
$\boxtimes$	Utilize new or increased contracted services
	Enhance the existing IT system
$\boxtimes$	Create a new IT system
$\boxtimes$	Perform a business-based procurement to have vendors propose a solution
	Other, specify:
2.10.4 B	enefit Analysis
Benefits	/Advantages

- Delivers business value incrementally.
- Allows the EDD multiple contract off-ramps to better manage the contract and detect any vendor or solution performance issues early and often.
- Releases solution in smaller components to allow the EDD to collect and apply lessons learned to future phases of the project.



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- Provides for multiple contractor and solution assessment checkpoints in the system integrator contract, which will provide the EDD visibility and tools to take corrective contract actions when required.
- Reduces risk of data conversion as conversion will occur in smaller segments early on to test conversion processes and performance and allow for corrections prior to full system cutover.
- Eliminates the need to build costly, risky, throwaway system and data bridges between the new and legacy systems, which may cause system stability and synchronization issues, and reduce program quality.
- Reduces impact to program staff during system transition. Staff will not need to toggle work between the old and new systems which could introduce data synchronization and data quality issues between systems.
- Lessens training required as major programs are moved into the new solution at the same time, eliminating the need for updating training materials and retraining as would be needed if programs were progressively added into the new system.
- Reduces overall organizational change impact as staff will have less disruption than in other models.
- Provides the least amount of system design, development and implementation risk compared to the other alternatives by a factor of three at a minimum.
- Allows the EDD to retire and decommission its multiple legacy systems earlier, quickly eliminating the ongoing legacy system support costs.

Select + to add benefits/advantages

#### Disadvantages

- Volume of post go-live issues following the simultaneous implementation could be higher which may require increased staffing to support it in the short term.
- Converting three customer groups at the same time may complicate EDD customer support efforts upon full roll out.
- Will require staff training and OCM for three program areas at the same time.

Select + to add disadvantages

	Anticipated Time to Achieve Objectives After Project Go-Live				
		Objective T	Timeframe		
Objective Number	Within 1 Year	2 Years	3 Years	4 Years	Over 4 Years
1.1	$\boxtimes$				
1.2		$\boxtimes$			
1.3		$\boxtimes$			
2.1		$\boxtimes$			
3.1		$\boxtimes$			
4.1	$\boxtimes$				
4.2	$\boxtimes$				
4.3	$\boxtimes$				
4.4	$\boxtimes$				
4.5	$\boxtimes$				
Select + to add ob	jectives				
	Anticipated Ti	me to Achieve Finan	cial Benefits After P	roject Go-Live	
Financial Benefit	Within 1 Year	2 Years	3 Years	4 Years	Over 4 Years
Increased Revenue	es 🗌				
Cost Saving	gs 🗌	$\boxtimes$			
Cost Avoidanc	e 🗌	$\boxtimes$			



#### Alternatives Analysis -

Ś		ge z Alter	natives And	aiysis		
	"Wh of TEC"			California Departmer	nt of Technology, SIMM 19	B, Revision 9/29/2017
	Cost Recovery					
2.10	).5 Assumptions a	nd Constraints				
The	Incremental Busin	iess Value deliver	ables the EDD has p	roposed will be refine	ed as the to-be busine	ess processes are
dev	eloped and the De	partment partner	rs with potential bid	ders throughout the p	procurement process	
Sele	ct + to add assum	ptions/constraint	S			
2.10	0.6 Implementatio	n Approach ( <i>defe</i>	erred to Stage 4)			
Ide	ntify the type of e	existing IT system	enhancement or no	ew system proposed	(check all that apply):	:
	Enhance the curr	ent system				
	Purchase a Com	nercial off-the-Sh	elf (COTS) system			
	Purchase or obta	in a system from	another governmer	nt agency (Transfer)		
	Subscribe to a So	ftware as a Servi	ce (SaaS) system			
	Other, specify:					
Ide	ntify cloud service	es to be leverage	<b>d</b> (check all that app	ly):		
	Software as a Ser	rvice (SaaS) provi	ded by OTech			
	Software as a Ser	rvice (SaaS) provi	ded by commercial	vendor		
	Platform as a Ser	vice (PaaS) provid	led by OTech			
	Platform as a Ser	vice (PaaS) provid	ded by commercial v	vendor		
	Infrastructure as	a Service (laaS) p	rovided by OTech			
	No cloud service	a service (laas) p	d by this alternative	Provide a descriptio	n of why cloud servic	es are not being
	leveraged:	s will be levelage	u by this alternative		IT OF WHY CIOUU SERVIC	es are not being
Ide	ntify who will mo	dify the existing s	system or create th	e new system (check a	all that apply):	
	Agency/state ent	tity IT staff				
	A vendor will be	contracted				
	Inter-agency agro	eement will be es	tablished with anot	her governmental age	ncy. Specify Agency	name(s):
	Other specify:					
	ntify the impleme	ntation stratogy				
	All requirements	will be addressed	d in this proposed p	roiect in a single imple	ementation.	
	Requirements wi	II be addressed in	incremental imple	mentations in this pro	posed project.	
	Some requireme	nts will be addres	sed in this propose	, d project. The remaini	ng requirements will	be addressed at a
	later date.					
	Specify the year	when the remain	ing requirements wi	ill be addressed:		
	The technology i	logy for the prop	osed project will be	e mission critical and	public facing:	ublic facing
	The technology I					
2.10	0.7 Architecture In	formation				
Busi	ness Function/Pro	cess(es)	The EDD is	proposing a business	based procurement a	and per the
			California l	Department of Techno	NOGY (CDT) Preparation	on Instructions

	this section is deferred until Stage 4 Project Readiness and Approval.
Application, System or Component	
COTS, MOTS or Custom	Select
Name/Primary Technology:	



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Runtime Environment	Cloud Computing Used?	🗆 Yes 🗌 No	If "Yes," specify:	Select		
	Server/Device Function					
	Hardware					
	Operating System					
	System Software					
	S	elect + to add sys	stem software			
System Interfaces						
Data Center Location		Select				
Other, specify						
Security	Access	🗆 Public 🛛 In	ternal State Staff	External State Staff		
	(check all that apply)	🗆 Other, specif	y:			
	Type of Information	🗆 Personal 🗆 Health 🔲 Tax 🔲 Financial 🗌 Legal				
	(check all that apply)	□ Confidential □ Other, specify:				
	Protective Measures	□ Technical Security □ Identity Authorization and Authentication				
	(check all that apply)	Physical Security      Backup and Recovery				
		🗌 Other, specif	y:			
Data Management	Data Owner	Name:				
		Title:				
		<b>Business Progra</b>	m:			
Data Custodian		Name:				
		Title:				
		<b>Business Progra</b>	m:			

#### Select + to add business functions/processes

#### 2.10.1 Solution Type

#### ⊠ Alternative

#### 2.10.2 Name

MOTS Implementation – Phased Implementation by Program

#### 2.10.3 Description

The **alternative solution #1** will replace the EDD's UI, DI, and PFL systems with one fully integrated MOTS solution. This alternative approach will also deliver incremental business value as the various components of the MOTS solution are developed and released into production, while also providing the Department early and frequent opportunities to assess vendor and solution performance to ensure the State's investment remains sound. This alternative differs from the recommended alternative in that this alternative will implement the UI, DI, and PFL functionality in separate releases. The primary disadvantage of this approach is that due to the UI, DI, and PFL program's tight integration needs, this approach will add the risks, costs, and timeline associated with building single-use piecemeal integration components (i.e. technology "bridges") during the transitions.

This approach will also pair an iterative system development methodology with the incremental business value delivery approach to streamline the project schedule and delivery.

The proposed solution implementation plan follows the plan outlined in the recommended alternative for Releases 1 through 4. Release 5 has been modified to include only one benefit program, while Releases 6 and 7 have been added to implement the remaining benefit programs.

Releases 1 – 4 (Unchanged from recommended alternative)



#### Release 5 – PFL program functionality

This release will replace the majority of the existing PFL systems with the new MOTS solution. It will include the first development and implementation of the single-use "bridge" architecture to ensure the PFL program remains tightly integrated with the DI and UI programs. This release will include partial data conversion from the respective legacy systems to the new solution as some program data is expected to need to remain on legacy systems to support the single-use integration bridge. Data synchronization processes will also need to be developed to ensure the converted data remains in sync with remaining legacy data to support future conversion activities. The existing legacy applications performing PFL functions will largely not be able to be retired until full implementation and stabilization of the new MOTS solution. The partial data conversion, synchronization and the development and maintenance of the legacy bridges will significantly increase risks to the project.

#### Release 6 – DI program functionality

This release will replace the majority of the existing DI systems with the new MOTS solution. This release will include modification and re-implementation of the single-use "bridge" architecture to ensure the PFL and now DI program remains tightly integrated with the remaining UI program. This addition will add significant risk in this release. This release will include more partial data conversion from the respective legacy systems to the new solution as some program data is expected to need to remain on legacy systems to support the single-use integration bridge. Data synchronization processes will also need to be modified to ensure the additional converted data remains in sync with remaining data to support future conversion activities. The existing legacy applications performing PFL and DI functions will largely not be able to be retired as well until full implementation and stabilization of the new MOTS solution. With this release, the training that was developed as part of the prior release will also have to include changes for the PFL program as a result of adding the DI program to the new solution. This release will also introduce training covering use of the integration bridges. Training will not only have to occur for the new DI users, but for PFL retraining on the changes as well.

#### Release 7 – UI program functionality

This release will replace the UI systems with the new MOTS solution, as well as fully replace the remaining PFL and DI functionality. This release will include decommissioning of the single-use "bridge" architecture. This release will include the final data conversion from the respective legacy systems to the new solution, and will require remediation of any synchronization issues that were introduced as part of the prior two releases. With this release, the existing legacy applications performing PFL, DI, and UI functions will finally be able to be retired with the full implementation and stabilization of the new MOTS solution. With this release, the training that was developed as part of the prior release will again have to be significantly modified to accommodate UI training needs, while factoring in the changes introduced for the PFL and DI programs as a result of adding the UI program to the new solution, as well as retirement of the single-use integration bridges. Training again will not only have to occur for the new UI users, but for PFL and DI retraining due to the retirement of the single-use integration bridges.

Please note, regardless of the program order in Releases 5, 6, and 7, the same implementation complexities will exist. **Approach** (Check all that apply):

•••	
	Increase staff – new or existing capabilities
$\boxtimes$	Modify the existing business process or create a new business process
	Reduce the services or level of services provided
$\boxtimes$	Utilize new or increased contracted services
	Enhance the existing IT system
$\boxtimes$	Create a new IT system
$\boxtimes$	Perform a business-based procurement to have vendors propose a solution
	Other, specify:



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#### 2.10.4 Benefit Analysis

#### Benefits/Advantages

- Business value will be delivered incrementally.
- Reduces risk by applying lessons learned from each release.
- Initially releasing solution to a smaller customer base will allow the EDD to apply lessons learned and further configure the system during full roll out.
- Utilizing the incremental business value approach will allow the EDD to better manage the contract and detect any vendor performance issues early and often.
- Multiple off-ramps will be included in the system integrator contract, which will allow the EDD to take the necessary action when required.
- This option allows for the implementation and configuration of data with the MOTS product upfront.

#### Select + to add benefits/advantages

#### Disadvantages

- Data bridges including interfaces will need to be developed and maintained between the existing legacy systems and MOTS solution.
- Data synchronization between the legacy systems specific to the Benefits area and the MOTS system depending on the roll out schedule can cause major issues and can seriously impact customer data.
- Legacy systems are not cloud enabled, if the MOTS solution implementation approach is cloud based, it will seriously impact performance between the data bridges and synchronization of the legacy and MOTS systems.
- Customers will not benefit from streamlined and consolidated processes common across the three programs until all programs are implemented.
- Benefits of using redesigned dynamic and streamlined forms and letters cannot be fully leveraged until all programs are implemented. In the interim existence of both new and old forms and letters can cause process and data issues.
- Staff will have to use multiple separate applications and numerous screens to perform day-to-day work that will cause inefficiencies and induce errors.
- Imaging work flows will have to be updated to support program specific information and will increase complexity and risk.
- Enterprise reporting system will have to do multiple efforts to update their data maps to produce program specific federal and State reports and could cause implementation and roll out delays.
- Data model for the final combined system will be suboptimal as we will have to factor in support for legacy data fields to support program specific roll out approach.
- Once the solution is fully implemented data bridges, synchronization, and interfaces will need to be decommissioned increasing the overall project costs.
- These bridges, interfaces, and synchronizations will require additional staff and vendor costs that are "throw away" costs.
- Maintenance of existing systems will be required for a longer duration (Estimated 2 years)
- Legacy systems cannot be fully decommissioned until all programs have been implemented.
- Loss of leverage on vendor for later release quality vendor will gain leverage once state is in production on its system.
- State will incur additional costs to run dual systems until full BSM implementation.

Select + to add disadvantages

Anticipated Time to Achieve Objectives After Project Go-Live					
Objective Timeframe					
Objective	Within 1 Year	2 Years	3 Years	4 Years	Over 4 Years



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1.1	$\boxtimes$			
1.2		$\boxtimes$		
1.3		$\boxtimes$		
2.1		$\boxtimes$		
3.1		$\boxtimes$		
4.1	$\boxtimes$			
4.2	$\boxtimes$			
4.3	$\boxtimes$			
4.4	$\boxtimes$			
4.5	$\boxtimes$			

#### Select + to add objectives

Anticipated Time to Achieve Financial Benefits After Project Go-Live					
<b>Financial Benefit</b>	Within 1 Year	2 Years	3 Years	4 Years	Over 4 Years
Increased Revenues					
Cost Savings		$\boxtimes$			
Cost Avoidance		$\boxtimes$			
Cost Recovery					

#### 2.10.5 Assumptions and Constraints

#### Select + to add assumptions/constraints

#### 2.10.6 Implementation Approach (deferred to Stage 4)

#### Identify the type of existing IT system enhancement or new system proposed (check all that apply):

- Enhance the current system
- Develop a new custom solution
- Purchase a Commercial off-the-Shelf (COTS) system
- □ Purchase or obtain a system from another government agency (Transfer)
- □ Subscribe to a Software as a Service (SaaS) system
- □ Other, specify:

#### Identify cloud services to be leveraged (check all that apply):

- □ Software as a Service (SaaS) provided by OTech
- □ Software as a Service (SaaS) provided by commercial vendor
- □ Platform as a Service (PaaS) provided by OTech
- □ Platform as a Service (PaaS) provided by commercial vendor
- □ Infrastructure as a Service (IaaS) provided by OTech
- □ Infrastructure as a Service (IaaS) provided by commercial vendor
- □ No cloud services will be leveraged by this alternative. Provide a description of why cloud services are not being leveraged:

#### Identify who will modify the existing system or create the new system (check all that apply):

- □ Agency/state entity IT staff
- $\Box$  A vendor will be contracted
- □ Inter-agency agreement will be established with another governmental agency. Specify Agency name(s):



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🗌 Otl	her, specif	y:				
Identify	y the impl	ementation strategy:				
All  Rec  Sor  late Specent	requirement quirement me require er date. ecify the y	ents will be addressed in this ts will be addressed in increr ements will be addressed in ear when the remaining req	s proposed project mental implemen this proposed pro uirements will be	ct in a single implen tations in this prop pject. The remainin addressed:	nentation. osed project. g requirements will be addressed at a	
Identify	y if the teo	hnology for the proposed p	oroject will be mis	ssion critical and p	ublic facing:	
🗌 The	e technolo	pgy implemented for this pro	posed project wi	Il be considered mi	ssion critical and public facing.	
2.10.7 A	Architectu	re Information				
Business Function/Process(es)		The EDD is prop CDT Preparation Project Readine	osing a business bo n Instructions this s ss and Approval.	ased procurement and per the section is deferred until Stage 4		
Applicatio	on, System	n or Component				
COTS, MC	OTS or Cus	tom	Select			
1	Name/Prir	mary Technology:				
Runtime Environm	nent	Cloud Computing Used?	∐ Yes ∐ No	If "Yes," specify:	Select	
		Server/Device Function				
		Hardware				
		Operating System				
		System Software				
System In	torfacos	3	select + to add system software			
Data Cent	ter Locatio	าท	Select			
Data cem		Other, specify	Select			
Security		Access	Public Int	ternal State Staff	□ External State Staff	
		(check all that apply)	🗌 Other, specify	y:		
		Type of Information	Personal	Health 🗆 Tax 🗆	Financial 🗆 Legal	
		(check all that apply)	$\Box$ Confidential	□ Other, specify:		
		Protective Measures	$\Box$ Technical Sec	curity 🛛 Identity A	Authorization and Authentication	
		(check all that apply)	<ul> <li>Physical Secu</li> <li>Other, specify</li> </ul>	rity	l Recovery	
Data Managem	nent	Data Owner	Name:			
			Title:			
			<b>Business Progra</b>	m:		
Data Cust	todian		Name:			
			Title:			
			Business Prograi	m:		
Select -	+ to add b	usiness functions/processes				
2.10.1 S	olution Ty	vpe				
🛛 Altei	rnative					
2.10.2 N	lame					
MOTS In	mplementa	ation – Big Bang				



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#### 2.10.3 Description

The **alternative solution #2** will replace the EDD's UI, DI, and PFL systems with one fully integrated MOTS solution. With this alternative, the MOTS solution will be released into production as one release encompassing all BSM required functionality.

This approach will pair the traditional waterfall system development life cycle methodology with a single implementation delivery approach (i.e. "big bang").

The following implementation plan follows the traditional approach to technology projects with a waterfall System Development Life Cycle (SDLC) and "big-bang" delivery approach. In the waterfall model, all phases are sequential and must be closed out before proceeding to the next phase:

#### **Requirements Analysis**

All contract requirements are analyzed to ensure a common understanding between the contractor and the State. Any clarifying edits that impact contractor effort must be handled via contract change order. The final updated requirements matrix must then be routed for review and approval prior to proceeding to the Design phase.

#### System Design

All requirement specifications from the first phase are studied in this phase and the complete system design is prepared. This system design may identify new hardware and system requirements and helps in refining the overall system architecture design. The final System Design is then routed for review and approval prior to proceeding to the Build phase.

#### Solution Infrastructure

Typically once the System Design is signed off, the System Integrator can move forward with finalizing the solution infrastructure, which is typically done on a "just in time" basis for each of the remaining project phases. This just in time approach does not allow for thorough testing and provides little to no time for rework without incurring schedule delays.

#### Build

Based entirely on the System Design, and once the system build infrastructure is ready, the System Integrator will then develop the solution and perform system and module integration testing prior to entering the Test phase.

#### **Data Conversion**

Typically once an initial system build has been completed, the System Integrator can then begin building data conversion programs between the legacy data sources and the target system. As data conversion in a legacy system replacement project is typically fraught with inherent risks, beginning true data conversion activities this late in the overall project precipitates project delays as implementation approaches.

#### Test

Once the build phase is complete, the completed system is first "system tested" against the approved System Design artifacts for conformance. System Test is typically a very elementary test event that confirms requirements function as they read in the design, and does not necessarily test for end-to-end business processing efficiency. Once system test is complete, User Acceptance Test (UAT) can begin. System users are now charged with applying a System Design, which was approved up to two years ago, to the system before them that they have never before seen. As expected, users are often not the same users that developed the System Design, and remaining users often forget the original intention of the Design.



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In the best case, converted data is ready to be populated in the UAT environment; however, many times in a waterfall approach, converted data is not available due to the late start in developing conversion programs. As UAT proceeds only with new data, issues with converted data remain undiscovered until much later in the UAT cycle.

#### **Performance Test**

Once UAT has achieved a significant pass rate and a sufficient amount of converted legacy data has made it into the system, performance and load testing can begin. At this late stage, infrastructure changes to address poor performance, or application tuning, are difficult and costly at best.

#### Go-Live

Once all testing is satisfactory, and all workarounds have been developed for items that were discovered too late to be addressed in the approved schedule, the product with a lesser percentage of requirements satisfied is deployed into production. In this model, the project must retain ongoing System Integrator support to remediate all of the latent issues for much longer than originally anticipated.

#### Approach (Check all that apply):

	Increase staff – new or existing capabilities
$\boxtimes$	Modify the existing business process or create a new business process
	Reduce the services or level of services provided
$\boxtimes$	Utilize new or increased contracted services
	Enhance the existing IT system
$\boxtimes$	Create a new IT system
$\boxtimes$	Perform a business-based procurement to have vendors propose a solution
	Other, specify:
2.10.4 Be	enefit Analysis

#### Benefits/Advantages

- All new business process and procedures for all the benefits system operations will be implemented at the same time and users will not have to toggle back and forth between new and non-optimized process and procedures on the legacy systems
- Reduces risk of data conversion synchronization as all the data will be populated one time to the new platform and establish a single system of record for the data.
- Daily batch job processing will be simpler compared to trying to sequence the jobs across multiple systems.
- Does not require bridges to existing legacy systems.
- Potential cost savings from early legacy system shutoff and decommissioning.

Select + to add benefits/advantages

#### Disadvantages

- All SDLC phases are sequential and must be fully closed out before proceeding to the next phase.
- No incremental business value delivered ahead of full production go-live should contractor replacement be required.
- Reduced contract off-ramps will make it more difficult to assess the system integrator performance.
- Late establishment of complete solution infrastructure.
- Long lag time between design and user acceptance testing generates rework and missed expectations.
- Late start to data conversion programming prolongs overall project duration and prevents application of converted data early in testing phases.
- Delayed performance testing start reduces time to correct application or infrastructure capacity issues and complicates corrective actions.
- Converting three customer groups at the same time may increase EDD call volumes after full roll out.
- Will require staff training and OCM for three program areas at the same time.



Multiple defects deferred to post-production will require extended and costly System Integrator support contracts. Select + to add disadvantages

Anticipated Time to Achieve Objectives After Project Go-Live						
Objective Timeframe						
Objective Number	Within 1 Year	2 Years	3 Years	4 Years	Over 4 Years	
1.1	$\boxtimes$					
1.2		$\boxtimes$				
1.3		$\boxtimes$				
2.1		$\boxtimes$				
3.1		$\boxtimes$				
4.1	$\boxtimes$					
4.2	$\boxtimes$					
4.3	$\boxtimes$					
4.4	$\boxtimes$					
4.5	$\boxtimes$					
Select + to add objectives						
	Anticipated Time to Achieve Financial Benefits After Project Go-Live					

Anticipated Time to Achieve Financial Benefits After Project Go-Live					
<b>Financial Benefit</b>	Within 1 Year	2 Years	3 Years	4 Years	Over 4 Years
Increased Revenues					
Cost Savings		$\boxtimes$			
Cost Avoidance		$\boxtimes$			
Cost Recovery					

2.10.5 Assumptions and Constraints

Select + to add assumptions/constraints

#### 2.10.6 Implementation Approach (deferred to Stage 4)

Identify the type of existing IT system enhancement or new system proposed (check all that apply):

#### Enhance the current system

- Develop a new custom solution
- Purchase a Commercial off-the-Shelf (COTS) system
- Purchase or obtain a system from another government agency (Transfer)
- □ Subscribe to a Software as a Service (SaaS) system
- □ Other, specify:

#### Identify cloud services to be leveraged (check all that apply):

- □ Software as a Service (SaaS) provided by OTech
- Software as a Service (SaaS) provided by commercial vendor
- □ Platform as a Service (PaaS) provided by OTech
- Platform as a Service (PaaS) provided by commercial vendor
- □ Infrastructure as a Service (IaaS) provided by OTech
- □ Infrastructure as a Service (IaaS) provided by commercial vendor



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	No cloud services will be leveraged by this alternative. Provide a description of why cloud services are not being leveraged: The EDD is proposing a business based procurement and per the CDT Preparation Instructions this section is							
	deferred until Stage 4 Project Readiness and Approval							
Ide	dentify who will modify the existing system or create the new system (check all that apply):							
	Agency/state	e entity IT staff						
	A vendor wil	l be contracted						
	Inter-agency agreement will be established with another governmental agency. Specify Agency name(s):							
	Other, specify:							
Ide	ntify the impl	ementation strategy:						
	All requirem	ents will be addressed in thi	s proposed proje	ct in a single implen	nentation.			
	Requirement	ts will be addressed in increi	mental implemen	tations in this prop	osed project.			
	Some require	ements will be addressed in	this proposed pro	oject. The remaining	g requirements will be addressed at a			
	Snecify the v	ear when the remaining req	uirements will he	addressed.				
Ide	ntify if the tec	chnology for the proposed p	project will be mi	ssion critical and pu	ublic facing:			
	The technolo	ogy implemented for this pro	posed project wi	ill be considered mi	ssion critical and public facing.			
2 10	7 Architectu	e Information						
Busin	ess Function/	Process(es)	The EDD is prop	osina a business bas	sed procurement and per the CDT			
Basin			Preparation Inst	tructions this section	n is deferred until Stage 4 Project			
			Readiness and Approval.					
Applic	cation, System	n or Component						
COTS,	MOTS or Cus	tom	Select					
	Name/Prir	nary Technology:						
Runti Enviro	me onment	Cloud Computing Used?	🗆 Yes 🗆 No	If "Yes," specify:	Select			
		Server/Device Function						
		Hardware						
		Operating System						
		System Software						
System	m Interfaces	3	elect + to add sys	stem software				
Data	Center Locatio	าท	Select					
2 4 4 4		Other, specify						
Secur	ity	Access	🗆 Public 🗆 In	ternal State Staff	☐ External State Staff			
		(check all that apply)	$\Box$ Other, specify:					
		Type of Information	Personal	Health 🗌 Tax 🗌	Financial 🗌 Legal			
		(check all that apply)	Confidential	$\Box$ Other, specify:				
		Protective Measures	Technical Sec	curity 🛛 Identity A	uthorization and Authentication			
		(check all that apply)	Physical Secu	ırity 🛛 Backup and	Recovery			
			🗌 Other, specif	y:				
Data Mana	gement	Data Owner	Name:					
			Title:					
			<b>Business</b> Progra	m:				
Data	Custodian		Name:					
Page 2	4							



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Title: Business Program:

Select + to add business functions/processes

#### 2.11 Recommended Solution

#### 2.11.1 Rationale for Selection

In identifying the recommended alternative, the Department evaluated the following criteria as its rationale for selection: 1) Does the approach align with other State workforce agencies?, 2) Does the approach lower risk?, 3) Does the approach reduce costs?, 4) Does the approach provide incremental business value?, and 5) Does the approach reduce program disruption and promote organizational buy-in?

1) The Department's market research has shown that the recommended alternative's software approach has proven successful for the majority of **other State workforce agencies**. This finding aligns with current Gartner research for government agencies with mature lines of business where systems of record are required. Additionally, the EDD has had past prior successes with MOTS product implementations with its ACES and CalJOBS systems which further supports the Department's direction with BSM.

2) The Department's recommended alternative **lowers risk** by a number of means such as releasing the solution in smaller components to allow the EDD to collect and apply lessons learned to future phases of the project; providing for multiple contractor and solution assessment checkpoints throughout the contract, which will provide the EDD visibility and tools to take corrective contract actions when required; and by reducing data conversion risk as conversion will occur in smaller segments early on to test conversion processes and performance and allow for corrections prior to full system cutover.

3) The Department's recommended alternative **reduces costs** by eliminating the need to build costly, risky, throwaway system and data "bridges" between the new and legacy systems, which may cause system stability and synchronization issues, and reduce program quality. The recommended alternative reduces training costs as major programs are moved into the new solution at the same time, eliminating the need for updating training materials and retraining as would be needed if programs were progressively added into the new system. The recommended alternative will also allow the EDD to retire and decommission its multiple legacy systems earlier, quickly eliminating the ongoing legacy system support costs.

4) The Department's recommended alternative has laid out a proposed approach that will provide for the **delivery of incremental business value** throughout the project. The EDD will work with the vendor community through Stage 3 Solution Development to confirm and/or revise this plan as needed to achieve maximum value and efficiency.

5) The Department's recommended alternative greatly **reduces program disruption** and **promotes organizational buyin** by reducing impact to program staff during system transition. The recommended alternative eliminates the need to toggle work between the old and new systems, which would frustrate staff, elongate work processes, require staff rework as errors between systems are discovered, and greatly reduce confidence and buy-in in the new system. The recommended alternative also significantly reduces staff time required for training as major programs are moved into the new solution at the same time. In total, the recommended alternative reduces the overall organizational change impact as staff disruption will have been minimized.

Due to the high-degree of alignment between the recommended alternative and the Department's alternative selection criteria, the EDD proposes that the BSM project procure a MOTS solution to be delivered iteratively while providing incremental business value.

Attach file

2.11.2 Technical/Initial CA-PMM Complexity Assessment

Complexity



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Technical Complexity Score:	r <b>e:</b> 2.8		Zone I	Low Criticality/Risk
		$\boxtimes$	Zone II/III	Medium Criticality/Risk
			Zone IV	High Criticality/Risk
2 11 3 Procurement and Staffing Strategy				

#### 2.11.3 Procurement and Staffing Strategy Activity

**Requirements Elicitation** 

		Cost Estimate
Responsible	When Needed	Verification
(check all that apply)	(check all that apply)	(check all that apply)
⊠ Agency/state entity	⊠ Stage 3 Solution	Market research conducted (MR)
staff	Development	⊠ Cost estimate provided (CE)
□ STP staff	🖾 Stage 4 Project	□ CDT CE
CDT Project Approvals	Readiness and	🗆 DGS CE
and Oversight staff	Approval	$\Box$ Request for Information (RFI) conducted
CA-PMO staff	After project is	Comparable vendor services have been used on previous
□ DGS staff	approved (after Stage 4	contracts (CV)
⊠ Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)
$\Box$ Other, specify:	Approval)	

Complete Only if Contractor Responsible for Activity					
Procurement Vehicle	Other	Contract Type	Fixed Price (FP)		
If "Other," specify:	RFO and subsequent NCB (Amendment)	If "Other," specify:			

Solicitation Development

			Cost Estimate
Responsible	When Needed	Verification	
(check all that apply)	(check all that apply)		(check all that apply)
⊠ Agency/state entity	⊠ Stage 3 Solution	$\Box$ Market research c	onducted (MR)
staff	Development	Cost estimate prov	vided (CE)
□ STP staff	🖾 Stage 4 Project	🗆 CDT CE	
□ CDT Project Approvals	Readiness and	🗆 DGS CE	
and Oversight staff	Approval	Request for Inform	nation (RFI) conducted
CA-PMO staff	□ After project is	🛛 Comparable vendo	or services have been used on previous
□ DGS staff	approved (after Stage 4	contracts (CV)	
🛛 Contractor	Project Readiness and	⊠ Leveraged Pr	ocurement Agreement (LPA)
□ Other, specify:	Approval)		
Complete Only if Contract	tor Responsible for Activity		
F	Request for		
Procurement Vehicle	Offer/Information	Contract Type	Eixed Price (EP)
	echnology Consulting	contract rype	
S	ervices (ITMSA)		
If "Other," specify:	lick here to enter text.	If "Other," specify:	Click here to enter text.
Cost Estimating			



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<b>Responsible</b> (check all that apply)	When Needed (check all that apply)		Cost Estimate Verification (check all that apply)	
⊠ Agency/state entity	⊠ Stage 3 Solution	🗆 Market research c	onducted (MR)	
staff	Development	Cost estimate prov	vided (CE)	
$\Box$ STP staff	🖾 Stage 4 Project	🗆 CDT CE		
CDT Project Approva	s Readiness and	🗆 DGS CE		
and Oversight staff	Approval	🗆 Request for Inform	nation (RFI) conducted	
CA-PMO staff	After project is	Comparable vende	or services have been used on previous	
DGS staff	approved (after Stage 4	contracts (CV)		
Contractor	Project Readiness and	Leveraged Procure	ment Agreement (LPA)	
$\Box$ Other, specify:	Approval)			
Complete Only if Contra	ctor Responsible for Activity			
Procurement Vehicle	None	Contract Type		
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.	
Business Analysis				
			Cost Estimate	
(check all that apply)	(check all that apply)	(check all that apply)		
Agency/state entity	Stage 2 Solution	Market research conducted (MR)		
			$\boxtimes$ Cost estimate provided (CE)	
staff	Development	$\boxtimes$ Cost estimate prov	vided (CE)	
staff	Development	$\square$ Cost estimate prov $\square$ CDT CE	vided (CE)	
staff STP staff CDT Project Approva	Development Stage 4 Project s Readiness and	<ul> <li>☑ Cost estimate prov</li> <li>☑ CDT CE</li> <li>☑ DGS CE</li> </ul>	vided (CE)	
staff STP staff CDT Project Approva and Oversight staff	Stage 3 Solution Development Stage 4 Project Readiness and Approval	<ul> <li>☑ Cost estimate prov</li> <li>☑ CDT CE</li> <li>☑ DGS CE</li> <li>☑ Request for Inform</li> </ul>	vided (CE) nation (RFI) conducted	
<ul> <li>staff</li> <li>STP staff</li> <li>CDT Project Approval and Oversight staff</li> <li>CA-PMO staff</li> </ul>	<ul> <li>Stage 3 Solution</li> <li>Development</li> <li>⊠ Stage 4 Project</li> <li>s Readiness and</li> <li>Approval</li> <li>□ After project is</li> </ul>	<ul> <li>☑ Cost estimate prov</li> <li>☑ CDT CE</li> <li>☑ DGS CE</li> <li>☑ Request for Inform</li> <li>☑ Comparable vendo</li> </ul>	vided (CE) nation (RFI) conducted or services have been used on previous	
<ul> <li>staff</li> <li>STP staff</li> <li>CDT Project Approval and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> </ul>	<ul> <li>Stage 3 Solution</li> <li>Development</li> <li>Stage 4 Project</li> <li>Readiness and</li> <li>Approval</li> <li>After project is</li> <li>approved (after Stage 4</li> </ul>	<ul> <li>Cost estimate prov</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Inform</li> <li>Comparable vendo contracts (CV)</li> </ul>	vided (CE) nation (RFI) conducted or services have been used on previous	
<ul> <li>staff</li> <li>STP staff</li> <li>CDT Project Approva and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> </ul>	<ul> <li>Stage 3 Solution</li> <li>Development</li> <li>Stage 4 Project</li> <li>Readiness and</li> <li>Approval</li> <li>After project is</li> <li>approved (after Stage 4</li> <li>Project Readiness and</li> </ul>	<ul> <li>Cost estimate prov</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Inform</li> <li>Comparable vendo contracts (CV)</li> <li>Leveraged Procure</li> </ul>	vided (CE) nation (RFI) conducted or services have been used on previous ement Agreement (LPA)	
<ul> <li>staff</li> <li>STP staff</li> <li>CDT Project Approva and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul>	<ul> <li>Stage 3 Solution</li> <li>Development</li> <li>Stage 4 Project</li> <li>Readiness and</li> <li>Approval</li> <li>After project is</li> <li>approved (after Stage 4</li> <li>Project Readiness and</li> <li>Approval)</li> </ul>	<ul> <li>Cost estimate prov</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Inform</li> <li>Comparable vendo contracts (CV)</li> <li>Leveraged Procure</li> </ul>	vided (CE) nation (RFI) conducted or services have been used on previous ement Agreement (LPA)	
<ul> <li>staff</li> <li>STP staff</li> <li>CDT Project Approva and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul>	<ul> <li>⇒ Stage 3 Solution</li> <li>Development</li> <li>Stage 4 Project</li> <li>Readiness and</li> <li>Approval</li> <li>□ After project is</li> <li>approved (after Stage 4</li> <li>Project Readiness and</li> <li>Approval)</li> </ul>	<ul> <li>Cost estimate prov</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Inform</li> <li>Comparable vendo contracts (CV)</li> <li>Leveraged Procure</li> </ul>	vided (CE) nation (RFI) conducted or services have been used on previous ement Agreement (LPA)	
<ul> <li>staff</li> <li>STP staff</li> <li>CDT Project Approval and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> <li>Complete Only if Contractor</li> <li>Procurement Vehicle</li> </ul>	<ul> <li>⇒ Stage's Solution</li> <li>Development</li> <li>Stage 4 Project</li> <li>Readiness and</li> <li>Approval</li> <li>After project is</li> <li>approved (after Stage 4</li> <li>Project Readiness and</li> <li>Approval)</li> </ul>	Contract Type	vided (CE) nation (RFI) conducted or services have been used on previous ement Agreement (LPA) Fixed Price (FP)	
<ul> <li>staff</li> <li>STP staff</li> <li>CDT Project Approva and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul> Complete Only if Contract Procurement Vehicle If "Other," specify:	<ul> <li>Stage 3 Solution</li> <li>Development</li> <li>Stage 4 Project</li> <li>Readiness and</li> <li>Approval</li> <li>After project is</li> <li>approved (after Stage 4</li> <li>Project Readiness and</li> <li>Approval)</li> <li>Approval)</li> </ul>	Cost estimate prov CDT CE DGS CE Request for Inform Comparable vendo contracts (CV) Leveraged Procure If "Other," specify:	rided (CE) nation (RFI) conducted or services have been used on previous ement Agreement (LPA) Fixed Price (FP) Click here to enter text.	
<ul> <li>staff</li> <li>STP staff</li> <li>CDT Project Approva and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul> Complete Only if Contration of the state of the specify: Technical Analysis	<ul> <li>Stage 3 Solution Development</li> <li>Stage 4 Project</li> <li>Readiness and Approval</li> <li>After project is approved (after Stage 4 Project Readiness and Approval)</li> <li>Approval</li> <li>Approval</li> <li>After project Readiness and Approval</li> <li>Approval</li> <li>Contemposible for Activity</li> <li>Other</li> <li>RFO and subsequent NCB (Amendment)</li> </ul>	Cost estimate prov CDT CE DGS CE Request for Inform Comparable vendo contracts (CV) Leveraged Procure If "Other," specify:	rided (CE) nation (RFI) conducted or services have been used on previous ement Agreement (LPA) Fixed Price (FP) Click here to enter text.	
<ul> <li>Agentory state entity staff</li> <li>STP staff</li> <li>CDT Project Approval and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul> Complete Only if Contrate Procurement Vehicle If "Other," specify: Technical Analysis	<ul> <li>Stage 3 Solution Development</li> <li>Stage 4 Project Readiness and Approval</li> <li>□ After project is approved (after Stage 4 Project Readiness and Approval)</li> <li>Approval</li> <li>Conter Responsible for Activity Other</li> <li>RFO and subsequent NCB (Amendment)</li> </ul>	Cost estimate prov CDT CE DGS CE Request for Inform Comparable vendo contracts (CV) Leveraged Procure If "Other," specify:	vided (CE) nation (RFI) conducted or services have been used on previous ement Agreement (LPA) Fixed Price (FP) Click here to enter text.	
<ul> <li>Agentory state childy staff</li> <li>STP staff</li> <li>CDT Project Approva and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul> Complete Only if Contration of the state of t	Stage 3 Solution         Development         Stage 4 Project         Readiness and         Approval         After project is         approved (after Stage 4         Project Readiness and         Approval)         Intertor Responsible for Activity         Other         RFO and subsequent NCB         (Amendment)	Cost estimate prov CDT CE DGS CE Request for Inform Comparable vendo contracts (CV) Leveraged Procure If "Other," specify:	rided (CE) nation (RFI) conducted or services have been used on previous ement Agreement (LPA) Fixed Price (FP) Click here to enter text.	

Responsible	When Needed	Verification
(check all that apply)	(check all that apply)	(check all that apply)
⊠ Agency/state entity	Stage 3 Solution	Market research conducted (MR)
staff	Development	⊠ Cost estimate provided (CE)
□ STP staff	🖾 Stage 4 Project	□ CDT CE
□ CDT Project Approvals	Readiness and	🗆 DGS CE
and Oversight staff	Approval	$\Box$ Request for Information (RFI) conducted
CA-PMO staff	After project is	Comparable vendor services have been used on previous
□ DGS staff	approved (after Stage 4	contracts (CV)
🖂 Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)
$\Box$ Other, specify:	Approval)	



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Complete Only if Contractor Responsible for Activity					
Procurement Vehicle	Request for Offer/Information Technology Consulting Services (ITMSA)	Contract Type	Fixed Price (FP)		
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.		

**Project Management** 

		Cost Estimate
Responsible	When Needed	Verification
(check all that apply)	(check all that apply)	(check all that apply)
⊠ Agency/state entity	⊠ Stage 3 Solution	Market research conducted (MR)
staff	Development	⊠ Cost estimate provided (CE)
□ STP staff	🖾 Stage 4 Project	□ CDT CE
CDT Project Approvals	Readiness and	□ DGS CE
and Oversight staff	Approval	$\Box$ Request for Information (RFI) conducted
CA-PMO staff	After project is	$\Box$ Comparable vendor services have been used on previous
DGS staff	approved (after Stage 4	contracts (CV)
⊠ Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)
$\Box$ Other, specify:	Approval)	

Complete Only if Contra	actor Responsible for Activity		
Procurement Vehicle	Request for Offer/Information Technology Consulting Services (ITMSA)	Contract Type	Fixed Price (FP)
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

**Conduct Procurement** 

(check all that apply)

		Cost Estimate
Responsible	When Needed	Verification
(check all that apply)	(check all that apply)	(check all that apply)
⊠ Agency/state entity	⊠ Stage 3 Solution	Market research conducted (MR)
staff	Development	□ Cost estimate provided (CE)
STP staff	🖾 Stage 4 Project	🖾 CDT CE
CDT Project Approvals	Readiness and	□ DGS CE
and Oversight staff	Approval	Request for Information (RFI) conducted
CA-PMO staff	After project is	$\Box$ Comparable vendor services have been used on previous
□ DGS staff	approved (after Stage 4	contracts (CV)
□ Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)
$\Box$ Other, specify:	Approval)	

Complete Only if Contractor Responsible for Activity				
Procurement Vehicle	None	Contract Type		
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.	
Independent Verification and Validation (IV&V)				
Responsible	When Needed	Cost Estimate Verification		

(check all that apply)

(check all that apply)



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□ Agency/state entity	Stage 3 Solution	Market research c	onducted (MR)	
staff	Development	Cost estimate prov	vided (CE)	
□ STP staff	🖾 Stage 4 Project	🗆 CDT CE		
□ CDT Project Approvals	Readiness and	🗆 DGS CE		
and Oversight staff	Approval	🗆 Request for Inform	nation (RFI) conducted	
□ CA-PMO staff	□ After project is	⊠ Comparable vendor services have been used on previous		
DGS staff	approved (after Stage 4	contracts (CV)		
⊠ Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)		
$\Box$ Other, specify:	Approval)			
Complete Only if Control	tor Deenensible for Activity			
complete Only II Contrac	tor Responsible for Activity			
	Request for			
Procurement Vehicle	Offer/Information	Contract Type	Fixed Price (FD)	
	Technology Consulting	contract type	Fixed Flice (FF)	
	Services (ITMSA)			
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.	

Project Oversight

Responsible	When Needed	Cost Estimate Verification
(check all that apply)	(check all that apply)	(cneck all that apply)
Agency/state entity	Stage 3 Solution	Market research conducted (MR)
staff	Development	$\Box$ Cost estimate provided (CE)
□ STP staff	🖾 Stage 4 Project	🖾 CDT CE
⊠ CDT Project Approvals	Readiness and	🗆 DGS CE
and Oversight staff	Approval	$\Box$ Request for Information (RFI) conducted
CA-PMO staff	After project is	Comparable vendor services have been used on previous
□ DGS staff	approved (after Stage 4	contracts (CV)
Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)
$\Box$ Other, specify:	Approval)	

Complete Only if Contractor Responsible for Activity			
Procurement Vehicle	None	Contract Type	
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

Organizational Change Management

<b>Responsible</b> (check all that apply)	When Needed (check all that apply)	Cost Estimate Verification (check all that apply)
<ul> <li>Agency/state entity staff</li> <li>STP staff</li> <li>CDT Project Approvals and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul>	<ul> <li>Stage 3 Solution Development</li> <li>Stage 4 Project Readiness and Approval</li> <li>After project is approved (after Stage 4 Project Readiness and Approval)</li> </ul>	<ul> <li>Market research conducted (MR)</li> <li>Cost estimate provided (CE)</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Information (RFI) conducted</li> <li>Comparable vendor services have been used on previous contracts (CV)</li> <li>Leveraged Procurement Agreement (LPA)</li> </ul>

Complete Only if Contractor Responsible for Activity



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Procurement Vehicle	None	Contract Type	
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

#### Testing

<b>Responsible</b> (check all that apply)	When Needed (check all that apply)		Cost Estimate Verification (check all that apply)	
🛛 Agency/state entity	□ Stage 3 Solution	Market research c	onducted (MR)	
staff	Development	🖾 Cost estimate prov	vided (CE)	
□ STP staff	Stage 4 Project	🗆 CDT CE		
□ CDT Project Approvals	Readiness and	🗆 DGS CE		
and Oversight staff	Approval	🗆 Request for Inform	nation (RFI) conducted	
CA-PMO staff	After project is	$\Box$ Comparable vendo	or services have been used on previous	
DGS staff	approved (after Stage 4	contracts (CV)		
⊠ Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)		
□ Other, specify:	Approval)			
Complete Only if Contract	or Responsible for Activity			
Procurement Vehicle F	ormal Solicitation (IFB/ RFP)	Contract Type Fixed Price (FP)		
If "Other," specify:	lick here to enter text.	If "Other," specify: Click here to enter text.		
Design				
			Cost Estimate	
Responsible	When Needed		Verification	
		Markat rasaarch a	anducted (MP)	
ctaff				
	Stare 4 Project			
CDT Project Approvals				
and Oversight staff	Annroval			
		Request for information (RFI) conducted		
$\Box$ CA-PMO staff	$\boxtimes$ After project is		ation (Kill) conducted	

□ Other, specify:	Approval)		
<b>Complete Only if Contra</b>	ctor Responsible for Activity		
Procurement Vehicle	Formal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)
If "Other." specify:	Click here to enter text.	If "Other." specify:	Click here to enter text.

□ Leveraged Procurement Agreement (LPA)

Project Readiness and

#### Data Cleansing

⊠ Contractor

		Cost Estimate
Responsible	When Needed	Verification
(check all that apply)	(check all that apply)	(check all that apply)



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<ul> <li>Agency/state entity staff</li> <li>STP staff</li> <li>CDT Project Approvals and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul>	<ul> <li>Stage 3 Solution         <ul> <li>Development</li> <li>Stage 4 Project</li></ul></li></ul>	<ul> <li>Market research conducted (MR)</li> <li>Cost estimate provided (CE)</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Information (RFI) conducted</li> <li>Comparable vendor services have been used on previous contracts (CV)</li> <li>Leveraged Procurement Agreement (LPA)</li> </ul>		
Complete Only if Contract	or Responsible for Activity	• · · •		
Procurement Vehicle F	ormal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)	
If "Other," specify:	lick here to enter text.	If "Other," specify: Click here to enter text.		
Data Validation				
Responsible (check all that apply)	When Needed (check all that apply)	Cost Estimate Verification (check all that apply)		
Agency/state entity	□ Stage 3 Solution	$\boxtimes$ Market research co	onducted (MR)	
staff	Development	Cost estimate prov	vided (CE)	
□ STP staff	□ Stage 4 Project	🗆 CDT CE		
□ CDT Project Approvals	Readiness and	□ DGS CE		
and Oversight staff	Approval	Request for Information (RFI) conducted		
CA-PMO staff	After project is	Comparable vendo	or services have been used on previous	
□ DGS staff	approved (after Stage 4	contracts (CV)		
⊠ Contractor	Project Readiness and	Leveraged Procure	ment Agreement (LPA)	
$\Box$ Other, specify:	Approval)			

Complete Only if Contractor Responsible for Activity			
Procurement Vehicle	Formal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

Data Conversion

<b>Responsible</b> (check all that apply)	When Needed (check all that apply)	Cost Estimate Verification (check all that apply)	
<ul> <li>Agency/state entity staff</li> <li>STP staff</li> <li>CDT Project Approvals and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul>	<ul> <li>Stage 3 Solution Development</li> <li>Stage 4 Project Readiness and Approval</li> <li>After project is approved (after Stage 4 Project Readiness and Approval)</li> </ul>	<ul> <li>Market research conducted (MR)</li> <li>Cost estimate provided (CE)</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Information (RFI) conducted</li> <li>Comparable vendor services have been used on previous contracts (CV)</li> <li>Leveraged Procurement Agreement (LPA)</li> </ul>	
Complete Only if Contractor Responsible for Activity			

Complete Only if Contractor Responsible for Activity			
Procurement Vehicle	Formal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.



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<b>Responsible</b> (check all that apply)	When Needed (check all that apply)	Cost Estimate Verification (check all that apply)		
⊠ Agency/state entity	□ Stage 3 Solution	Market research c	onducted (MR)	
staff	Development	□ Cost estimate prov	vided (CE)	
□ STP staff	🗆 Stage 4 Project	🗆 CDT CE		
□ CDT Project Approvals	Readiness and	🗆 DGS CE		
and Oversight staff	Approval	🛛 Request for Inform	nation (RFI) conducted	
CA-PMO staff	🛛 After project is	Comparable vendo	or services have been used on previous	
□ DGS staff	approved (after Stage 4	contracts (CV)		
⊠ Contractor	Project Readiness and	Leveraged Procure	ement Agreement (LPA)	
$\Box$ Other, specify:	Approval)	-	•	
Complete Only if Contract	or Responsible for Activity			
Procurement Vehicle F	ormal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)	
If "Other," specify:	lick here to enter text.	If "Other," specify:	Click here to enter text.	
Training				
		Cost Estimate		
Responsible	When Needed	Verification		
		Markat rasaarah a	and ustod (MR)	
staff		☑ Market research conducted (MR)		
$\Box$ STD staff	Stars 4 Project		nded (CE)	
CDT Project Approvals				
and Oversight staff				
$\Box \cap O = O = O = O = O = O = O = O = O = O$	Approval		hation (RFI) conducted	
	approved (after Stage A		or services have been used on previous	
$\Box$ DGS stall	Project Readiness and	contracts (CV)		
	Approval)	Leveraged Procure	ement Agreement (LPA)	
Uther, specify:				
<b>Complete Only if Contract</b>	or Responsible for Activity			
Procurement Vehicle F	ormal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)	
If "Other," specify:	lick here to enter text.	If "Other," specify:	Click here to enter text.	
Integration/Developmen	t			
			Cost Estimate	
Responsible	When Needed		Verification	
(check all that apply)	(check all that apply)		(check all that apply)	
Agency/state entity	□ Stage 3 Solution	⊠ Market research c	onducted (MR)	
staff	Development	□ Cost estimate prov	vided (CE)	
□ STP staff	🗆 Stage 4 Project	🗆 CDT CE		

### Data Migration

		Cost Estimate
Responsible	When Needed	Verification
(check all that apply)	(check all that apply)	(check all that apply)
⊠ Agency/state entity	□ Stage 3 Solution	☑ Market research conducted (MR)
staff	Development	Cost estimate provided (CE)
□ STP staff	🗆 Stage 4 Project	□ CDT CE
□ CDT Project Approvals	Readiness and	🗆 DGS CE
and Oversight staff	Approval	Request for Information (RFI) conducted
CA-PMO staff	After project is	Comparable vendor services have been used on previous
□ DGS staff	approved (after Stage 4	contracts (CV)
⊠ Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)
$\Box$ Other, specify:	Approval)	



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Complete Only if Contractor Responsible for Activity			
Procurement Vehicle	Formal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

#### **Contract Management**

<b>Responsible</b> (check all that apply)	When Needed (check all that apply)	Cost Estimate Verification (check all that apply)
<ul> <li>Agency/state entity staff</li> <li>STP staff</li> <li>CDT Project Approvals and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other specify:</li> </ul>	<ul> <li>Stage 3 Solution         <ul> <li>Development</li> <li>Stage 4 Project</li> <li>Readiness and</li> <li>Approval</li> <li>After project is                 approved (after Stage 4                 Project Readiness and                 Approval)</li> </ul> </li> </ul>	<ul> <li>Market research conducted (MR)</li> <li>Cost estimate provided (CE)</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Information (RFI) conducted</li> <li>Comparable vendor services have been used on previous contracts (CV)</li> <li>Leveraged Procurement Agreement (LPA)</li> </ul>
	11 /	

Complete Only if Contractor Responsible for Activity			
Procurement Vehicle	None	Contract Type	
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

#### Enterprise Architecture

Responsible	When Needed	Cost Estimate Verification
(check all that apply)	(check all that apply)	(check all that apply)
⊠ Agency/state entity	⊠ Stage 3 Solution	Market research conducted (MR)
staff	Development	⊠ Cost estimate provided (CE)
□ STP staff	🖾 Stage 4 Project	□ CDT CE
CDT Project Approvals	Readiness and	□ DGS CE
and Oversight staff	Approval	Request for Information (RFI) conducted
CA-PMO staff	After project is	$\Box$ Comparable vendor services have been used on previous
DGS staff	approved (after Stage 4	contracts (CV)
Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)
$\Box$ Other, specify:	Approval)	

Complete Only if Contractor Responsible for Activity			
Procurement Vehicle	None	Contract Type	
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

#### Quality Assurance

		Cost Estimate
Responsible	When Needed	Verification
(check all that apply)	(check all that apply)	(check all that apply)



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⊠ Agency/state entity	□ Stage 3 Solution	Market research conducted (MR)		
staff	Development	⊠ Cost estimate provided (CE)		
□ STP staff	🗆 Stage 4 Project	🗆 CDT CE		
CDT Project Approvals	Readiness and	🗆 DGS CE		
and Oversight staff	Approval	Request for Information (RFI) conducted		
CA-PMO staff	🛛 After project is	Comparable vendor services have been used on previous		
DGS staff	approved (after Stage 4	contracts (CV)		
⊠ Contractor	Project Readiness and	Leveraged Procurement Agreement (LPA)		
$\Box$ Other, specify:	Approval)			
<b>Complete Only if Contra</b>	ctor Responsible for Activity			
Procurement Vehicle	Request for Offer/Information	Contract Type	Fived Price (FP)	

Flocurement venicie	Technology Consulting Services (ITMSA)	contract rype	Thed Thee (TT)
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

Technical Installation of Hardware

<b>Responsible</b> (check all that apply)	When Needed (check all that apply)	Cost Estimate Verification (check all that apply)
<ul> <li>Agency/state entity staff</li> <li>STP staff</li> <li>CDT Project Approvals and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul>	<ul> <li>Stage 3 Solution Development</li> <li>Stage 4 Project Readiness and Approval</li> <li>After project is approved (after Stage 4 Project Readiness and Approval)</li> </ul>	<ul> <li>Market research conducted (MR)</li> <li>Cost estimate provided (CE)</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Information (RFI) conducted</li> <li>Comparable vendor services have been used on previous contracts (CV)</li> <li>Leveraged Procurement Agreement (LPA)</li> </ul>

Complete Only if Contractor Responsible for Activity			
Procurement Vehicle	Formal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

Technical Installation of Software

<b>Responsible</b> (check all that apply)	When Needed (check all that apply)	Cost Estimate Verification (check all that apply)
<ul> <li>Agency/state entity staff</li> <li>STP staff</li> <li>CDT Project Approvals and Oversight staff</li> <li>CA-PMO staff</li> <li>DGS staff</li> <li>Contractor</li> <li>Other, specify:</li> </ul>	<ul> <li>Stage 3 Solution Development</li> <li>Stage 4 Project Readiness and Approval</li> <li>After project is approved (after Stage 4 Project Readiness and Approval)</li> </ul>	<ul> <li>Market research conducted (MR)</li> <li>Cost estimate provided (CE)</li> <li>CDT CE</li> <li>DGS CE</li> <li>Request for Information (RFI) conducted</li> <li>Comparable vendor services have been used on previous contracts (CV)</li> <li>Leveraged Procurement Agreement (LPA)</li> </ul>

Complete Only if Contractor Responsible for Activity



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Procurement Vehicle	Formal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)
If "Other," specify:	Click here to enter text.	If "Other," specify:	Click here to enter text.

Maintenance

Responsible (check all that apply)☑ Agency/state entity staff☑ STP staff☑ CDT Project Approvals and Oversight staff☑ CA-PMO staff☑ DGS staff☑ Contractor☑ Other, specify:	When Needed (check all that apply) Stage 3 Solution Development Stage 4 Project Readiness and Approval After project is approved (after Stage 4 Project Readiness and Approval)	<ul> <li>Market research compares to the second second</li></ul>	Cost Estimate Verification (check all that apply) onducted (MR) vided (CE) nation (RFI) conducte or services have been ement Agreement (LP	d used on pre A)	vious
Complete Only if Contractor Responsible for Activity					
Procurement Vehicle F	ormal Solicitation (IFB/ RFP)	Contract Type	Fixed Price (FP)		
If "Other," specify:	lick here to enter text.	If "Other," specify:	Click here to enter	<sup>-</sup> text.	
Select + to add activities					
				Yes	No

Will any of the activities identified above result in a competitive or non-competitive solicitation that will be over the Agency/state entity's DGS delegated purchasing authority?

#### 2.11.4 Enterprise Architecture Alignment

Attachment I 2.11.4 identifies existing EDD enterprise capabilities that will be leveraged for the BSM Project.



Information Technology Capability Table			
Information Technology Capability	Existing Enterprise Capability to be Leveraged	New Enterprise Capability Needed	
Public or Internal Portal/Website		$\boxtimes$	
Public or Internal Mobile Application		$\boxtimes$	
Enterprise Service Bus		$\boxtimes$	
Identity and Access Management	$\boxtimes$		
Enterprise Content Management (including document scanning and eForms capabilities)	$\boxtimes$		
Business Intelligence and Data Warehousing	$\boxtimes$		
Master Data Management		$\boxtimes$	



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Big Data Analytics			
2.11.5 Project Phases			
Phase 1			
Description	Phase Deliverable		
Infrastructure and Core Data Model	<ul> <li>Complete solution hardware infrastructure design, installation, and configuration, including disaster recovery.</li> <li>All necessary solution, database, and server software will be installed in all required environments (development, conversion, test, training, performance, production) with a base configuration and core data model.</li> <li>Any infrastructure and application monitoring tools will also be setup and tested for providing base functionality for use in future phases</li> <li>The vendor will also establish and prove solution DevOps tasks such as configuration management tools, build and deploy processes, and server patching.</li> <li>In this release, the interface and batch processing architecture will also be established and tested for base connectivity and functionality.</li> </ul>		
Phase 2			
Description	Phase Deliverable		
Non-Automated Tasks/Processes	<ul> <li>Automation of paper based functions will be configured using the COTS software / and or Modified to meet EDD business requirements.</li> <li>User Acceptance Testing, Training, Knowledge Transfer Activities and OCM related to the scope of the Phase will be conducted.</li> </ul>		
Phase 3			
Description	Phase Deliverable		
Non–Core Systems	<ul> <li>Non-Core Systems like FRAUD, Collections, Security and Audit capabilities features which are stand alone functions of the COTS product will be implemented to meet EDD business requirements.</li> <li>The existing legacy applications doing these functions will be retired and decommissioned.</li> <li>User Acceptance Testing, Training, Knowledge Transfer Activities and OCM related to the scope of the Phase will be conducted.</li> </ul>		
Phase 4			
Description	Phase Deliverable		
Web and Mobility platform Read only functions	<ul> <li>Read only functions and features will be implemented using Web and Mobility platforms. This</li> </ul>		



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will tremendously help with data accuracy and
decrease the number of customer calls.

- The existing legacy applications doing these functions will be retired and decommissioned.
- User Acceptance Testing, Training, Knowledge Transfer Activities and OCM related to the scope of the Phase will be conducted.

Phase

5

Phase Deliverable
<ul> <li>UI, DI, and PFL systems will be replaced by the new COTS product, this will include complete cutover from legacy systems to the new solution.</li> <li>The existing legacy apps doing these functions will be retired and decommissioned.</li> <li>User Acceptance Testing, Training, Knowledge Transfer Activities and OCM related to the scope of the Phase will be conducted</li> </ul>

#### Select + to add project phases

2.11.6 High Level Proposed Project Schedule				
Proposed Project Planning 1,	/1/2017	Proposed Projec	t 7/30/202	1
Start Date:		Planning End Da	le:	
Proposed Project Start 8	/3/2021	Proposed Projec	t End Date pick	er
Date:		Date:		
Activity Name			Start Date	End Date
Stage 3 Solution Development			7/2/2018	12/31/2019
Solicitation Development			7/2/2018	4/5/2019
Solicitation Package Review			4/8/2019	9/30/2019
Pre-solicitation for Industry Comments			10/1/2019	12/31/2019
Solicitation Release			1/2/2020	1/26/2021
Stage 4 Project Readiness and Approval			1/2/2020	6/30/2021
Solicitation Negotiations			2/23/2021	4/19/2021
Solicitation Award			4/21/2021	7/30/2021

#### Select + to add activities

2.11.7 Cost Summary	
Total Proposed Planning Cost:	\$47,342,979
Total Proposed Project Cost:	TBD prior to Stage 4 submission
Total Proposed Future Operations IT Staff & OE&E Costs (Continuing):	TBD prior to Stage 4 submission
Total Proposed Annual Future Operations IT Costs (M&O):	TBD prior to Stage 4 submission



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#### 2.12 Staffing Plan 2.12.1 Administrative

The EDD's Administration Branch includes:

- Business Operations, Planning, and Support Division (BOPSD) which administers EDD facilities, procurements, and contracts.
- Fiscal Programs Division (FPD) provides a wide range of fiscal services including accounting and budgetary services.
- Human Resources Services Division which administers EDD's hiring, and staff training.

The BSM Project will utilize existing Administration Branch State staff for facility services, procurements, contracts, budgetary, accounting, and HR related services. The EDD has identified SMEs from each of these areas to assist the BSM project. While not a permanent part of the Project team, they will respond to specific requests as needed.

The Administration Branch Deputy Director is a member of the BSM ESC.

#### 2.12.2 Business Program

The BSM Project has identified and established Business Program Leads and SMEs from UI, DI, and Tax that are dedicated to the BSM Project. The UI, DI, and Tax Deputy Directors are members of the BSM ESC.

The Project will use State staff to the extent the necessary skillsets exist and are available. Some positions will be established and funded through the annual Budget Change Proposal (BCP) process. These BCP positions will be filled via the State's existing hiring process and procedures. Others will be loaned from the EDD program areas. Loaned staff will be appointed by the respective management teams from UI, SDI, and Tax program areas based on their knowledge, experience and skills.

Additional Program area staff will serve as SMEs. While not a permanent part of the Project team, they will respond to specific requests as needed.

#### 2.12.3 Information Technology (IT)

The BSM Project has identified and established the BSM Project Director, Project Management Office (PMO) and the Technical Project Management Team within the EDD's IT Branch. The IT Branch Deputy Director, EDD Chief Information Officer, is a member of the ESC.

The Project will use State staff to the extent the necessary skillsets exist and are available. Some positions will be established and funded through the annual BCP process. These BCP positions will be filled via the State's existing hiring process and procedures. Others will be loaned from the various divisions within the Information Technology Branch (ITB). Loaned staff will be appointed by the respective management teams from the ITB based on their knowledge, experience and skills.

Additional ITB staff will serve as SMEs. While not a permanent part of the Project team, they will respond to specific requests as needed.

Contractors will be utilized on the project when State staff do not possess the necessary skills or the roles are of a temporary nature. The project will follow standard EDD procurement processes in compliance with applicable laws and regulations.

#### 2.12.4 Testing

The EDD will utilize a combination of ITB, Program, and vendor resources for the overall testing effort. The Project will use State staff to the extent the necessary skillsets exist and are available. Some positions will be established and funded through the annual BCP process. These BCP positions will be filled via the State's existing hiring process and procedures. Others will be loaned from the various divisions within the ITB and program areas. Loaned staff will be appointed by the respective management teams based on their knowledge, experience and



skills. The BSM Testing team will include a Test Manager to provide guidance for the overall testing. Responsibilities for the Test Manager and testing team will include the development, review and approval of the test plan, test scope, test approach, defect management plan, defect severity classification, pass/fail criteria for test cases, identifying and raising any risks related to testing throughout the effort and monitoring all test phases (Unit, Integration, System, Performance, etc.) and types of testing (e.g. – Black Box, White Box, Regression, Stress, etc.) throughout the BSM effort. The EDD has an established Enterprise Testing Office that it can leverage existing resources when necessary. The EDD may supplement the state staff with expert vendor resources and testing software.

#### 2.12.5 Data Conversion/Migration

The BSM Project will require the conversion/migration of existing data from the UI, DI, and PFL systems. Data migration activities will begin during the PAL and continue throughout the design, development, and implementation (DDI) activities. Data conversion/migration activities will include:

- Design data conversion/migration infrastructure
- Procure and install the data conversion/migration infrastructure
- Procure a team of data conversion/migration SMEs (Vendor)
- Data mapping
- Data cleanup
- Develop a single common data model and repository
- Develop data conversion/migration test plans
- Execute data conversion/migration of the existing UI, DI, and PFL data to one common data platform
- Continually extract, transfer load, and test the existing UI, DI, and PFL systems data into the single repository

The Project will use State staff to the extent the necessary skillsets exist and are available. Some positions will be established and funded through the annual BCP process. These BCP positions will be filled via the State's existing hiring process and procedures. Others will be loaned from the various divisions within the ITB. Loaned staff will be appointed by the respective management teams from the ITB based on their knowledge, experience and skills. The EDD will enter into an agreement with a data conversion vendor to assist the EDD with the conversion/migration. Additional ITB staff will serve as SMEs. While not a permanent part of the Project team, they will respond to specific requests as needed.

#### 2.12.6 Training and Organizational Change Management

The EDD plans to prepare their stakeholders for the upcoming project by establishing the BSM OCM and Training teams. An OCM manager and OCM team will be established for the Project. In addition to the BSM OCM team, the Department has existing OCM teams in UI, DI, and Tax Branch that will be leveraged throughout the project lifecycle. The Department also plans to leverage consultant services for OCM support. The EDD has also reached out to other large State of California legacy system replacement projects (i.e. Franchise Tax Boards' Enterprise Data to Revenue) to gather their best practices for application to the BSM Project. The EDD will begin the OCM activities during the PAL and continue throughout the DDI phases of the project.

The Project will use State staff to the extent the necessary skillsets exist and are available. Some positions will be established and funded through the annual BCP process. These BCP positions will be filled via the State's existing hiring process and procedures. Others will be loaned from the various divisions within the ITB and program areas. Loaned staff will be appointed by the respective management teams based on their knowledge, experience and skills.

The BSM project will kick off the OCM activities with envisioning training sessions with EDD Executive management that will focus on the following:

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- Obtain guidance, direction and expectations from designated EDD Leadership regarding the future of EDD
  program delivery. This input will set the foundation for the creation of new business processes that are
  more efficient, improve results and enhance the customer experience.
- Guiding EDD Leadership through change and enable them to support program and project team staff during the development of the new benefits system "To-Be" processes and requirements.

The BSM OCM team will continually work with the stakeholders educating them about the changes, providing them the opportunity to buy in to the vision and structure of the change, and eventually adopt the change. The team will seek to prepare staff and the EDD organization to the new processes and technology through services that educate the staff about the change and how they will successfully perform their responsibilities in the new system. The formation of this team of state staff and consultants, along with leveraging existing OCM teams, prior project experiences, will ensure that the project's OCM activities are managed successfully through project completion.

#### 2.12.7 Resource Capacity/Skills/Knowledge for Stage 3 Solution Development

For Stage 3 Solution Development the EDD will utilize a combination of BSM dedicated resources, EDD SMEs, vendor resources, and CDT's Statewide Technology Procurement team for developing the System Integrator Request for Proposal (RFP). The Project will use State staff to the extent the necessary skillsets exist and are available. Some positions will be established and funded through the annual BCP process. These BCP positions will be filled via the State's existing hiring process and procedures. Others will be loaned from the various divisions within the EDD business and program areas. Loaned staff will be appointed by the respective management teams based on their knowledge, experience and skills.

The BSM ESC and the EDD legal counsel will participate in the review and approval of the BSM RFP.

2.12.8 Project Management	
2.12.8.1 Project Management Risk Assessme	ent
Project Management Risk Score:	1.4
Attach file to email submission.	Attachment J 2.12.8.1 Project Man
2.12.8.2 Project Management Planning	

Are the following project management plans or project artifacts complete, approved by the designated Agency/state entity authority, and available for Department of Technology review?

Project Charter	Yes	Completed
Scope Management Plan	No	In progress
Risk Management Plan	Yes	Completed
Issue and Action Item Management Plan	Yes	Completed
Communication Management Plan	No	In progress
Schedule Management Plan	No	In progress
Human Resource Management Plan	No	In progress
Staff Management Plan	No	In progress
Stakeholder Management Plan	No	In progress
Governance Plan	Yes	Completed



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#### 2.12.9 Organization Charts

Attachment K 2.12.9 provides a high level visual of the proposed BSM project team.



Attachment K 2.12.9 High Level Org Char

#### 2.13 Data Conversion/Migration

Identify the status of each of the following data conversion/migration activities:

Data Conversion/Migration Planning	In Progress	Data Quality Assessment	Not Started
Data Conversion/Migration			
Requirements	Not Started	Data Quality Business Rules	Not Started
Current Environment Analysis	Not Started	Data Dictionaries	In Progress
Data Profiling	Completed	Data Cleansing and Correction	Not Started

- As-Is data dictionary is attached above.
- Data Profiling activity will be completed prior to Stage 4 Project Readiness and Approval.
- Known legacy system data sources that will potentially be used for the data conversion activities have been identified.
- EDD's IT Branch is in the process of conducting a data archival and purge effort that is anticipated to complete by summer 2021, which will significantly reduce the volume of data stored by the EDD thereby reducing conversion complexity.
- The EDD is procuring the services of a data conversion/migration consultant to assist the Department in its data conversion planning efforts during the PAL timeframe.

Attachment: Attach files to email submission.

#### 2.14 Financial Analysis Worksheets

The attached Financial Analysis Worksheets (FAW) identify the existing system costs to operate the current UI and SDI programs, and the proposed project planning costs through SFY 20/21. The EDD met with representatives from the California Department of Technology and the Department of Finance, and an agreement was reached that the EDD will update the FAWs with full project costs at an appropriate future date based upon refined project data gathered through the Stage 3 Solution Development process.

Preliminary Assessment – Department of Technology Use Only		
Original "New Submission" Date	1/27/2017	
Form Received Date	6/7/2018	
Form Accepted Date	6/7/2018	
Form Status	Completed	
Form Status Date	10/15/2018	
Main Form – Department of Technology Use Only		
Original "New Submission" Date	6/7/2018	
Form Received Date	6/7/2018	
Form Accepted Date	6/7/2018	
Form Status	Completed	
Form Status Date	10/15/2018	



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Form Disposition	Approved
Form Disposition Date	10/15/2018