



## County of Los Angeles CHIEF EXECUTIVE OFFICE OPERATIONS CLUSTER

FESIA A. DAVENPORT  
Chief Executive Officer

**DATE:** October 27, 2021  
**TIME:** 2:00 p.m. – 4:00 p.m.  
**LOCATION:** **TELECONFERENCE CALL-IN NUMBER: 1(323)776-6996**  
**TELECONFERENCE ID: 605696861#**

To join via phone, dial 1(323)776-6996, then press 605696861#.

**YOU CAN ALSO JOIN THIS MEETING BY CLICKING ON THE FOLLOWING LINK:**

[Click here to join the meeting](#)

**THIS MEETING WILL CONTINUE TO BE CONDUCTED VIRTUALLY TO ENSURE  
THE SAFETY OF MEMBERS OF THE PUBLIC AND EMPLOYEES AS PERMITTED  
UNDER STATE LAW**

### **AGENDA**

Members of the Public may address the Operations Cluster on any agenda  
item after all Informational Items are presented.  
Two (2) minutes are allowed for each item.

1. **Call to order – Tamela Omoto-Frias/Anthony Baker**

2. **INFORMATIONAL ITEM(S):**  
**(5 minutes)**

A) Board Letter:

AUTHORIZATION FOR THE ASSESSOR TO AMEND SOLE SOURCE  
AGREEMENTS WITH ORACLE AMERICA, INC. (ORACLE) TO  
PROVIDE EXTENDED SUPPORT FOR THE DEVELOPMENT OF  
ASSESSOR'S MODERNIZATION PROJECT (AMP) PHASE IV AND  
APPLICATION MANAGEMENT SUPPORT SERVICES (AMSS) FOR  
AMP

ASSESSOR – Steven Hernandez, Assistant Assessor

**CONTINUED ON PAGE 2**

- B) Board Letter:  
FACILITY REINVESTMENT PROGRAM- APPROVE CAPITAL AND  
EXTRAORDINARY MAINTENANCE PROJECTS AND BUDGETS;  
APPROPRIATION ADJUSTMENT; AND INCREASE USE OF LEASE  
REVENUE OBLIGATION NOTES FINANCING  
CEO/CP – Amir Alam, CEO Manager and Richard Beltran, Principal  
Analyst, CEO

3. **PRESENTATION/DISCUSSION ITEMS:**

- A) FACILITY REINVESTMENT PROGRAM -FOURTH QUARTER OF  
FISCAL YEAR 2020-21  
CEO/CP – Amir Alam, CEO Manager

4. **Public Comment**  
(2 minutes each speaker)

5. **Adjournment**

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**FUTURE AGENDA TOPICS**

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**CALENDAR LOOKAHEAD:**

- A) DCFS – AMENDMENT NUMBER SEVEN TO CONTRACT NUMBER  
11 -012-01 WITH EVIDENT CHANGE FOR SAFEMEASURES®  
SUBSCRIPTION AND STRUCTURED DECISION MAKING® SUPPORT  
SERVICES
- B) ISD – ACCEPT A ONE-TIME GRANT AWARD FROM THE  
CALIFORNIA ENERGY COMMISSION FOR THE ELECTRIC VEHICLE  
READY COMMUNITIES CHALLENGE PHASE II – BLUEPRINT  
IMPLEMENTATION GRANT AND APPROVE AN APPROPRIATION  
ADJUSTMENT
- C) BOS/EO – FISH AND WILDLIFE PROPAGATION FUND GRANT  
AWARDS- LOS ANGELES COUNTY CHICANO EMPLOYEES  
ASSOCIATION (LACCEA) SCHOLARSHIP FOUNDATION LITTLE  
FISHERMAN PROGRAM
- D) BOS/EO – APPROVAL TO AWARD GRANT FUNDS FROM THE  
LOS ANGELES COUNTY FISH AND WILDLIFE COMMISSION  
PROPAGATION FUND TO THE ANIMAL TRACKS, INC. (AT), DURING  
THE CALENDAR YEAR 2021
- E) ISD – AWARD 22 JOB ORDER CONTRACTS FOR MAINTENANCE,  
REPAIR, REMODELING, AND REFURBISHMENT OF COUNTY  
INFRASTRUCTURE AND FACILITIES

## BOARD LETTER/MEMO – FACT SHEET OPERATIONS CLUSTER

☒ Board Letter

☐ Board Memo

☐ Other

<b>OPS CLUSTER AGENDA REVIEW DATE</b>	10/27/2021	
<b>BOARD MEETING</b>	11/16/2021	
<b>DELEGATED AUTHORITY BOARD LETTER</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>SUPERVISORIAL DISTRICT AFFECTED</b>	ALL SUPERVISORIAL DISTRICTS	
<b>DEPARTMENT</b>	OFFICE OF THE ASSESSOR	
<b>SUBJECT</b>	AMEND SOLE SOURCE AGREEMENTS WITH ORACLE AMERICA, INC. (ORACLE) TO PROVIDE EXTENDED SUPPORT FOR THE DEVELOPMENT OF ASSESSOR'S MODERNIZATION PROJECT (AMP) PHASE IV AND APPLICATION MANAGEMENT SUPPORT SERVICES (AMSS) FOR AMP.	
<b>PROGRAM</b>		
<b>SOLE SOURCE CONTRACT</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please explain why: Both Sole Source Amendments are extensions of current Sole Source Agreements. Introducing a new vendor would introduce new risk and considerably disrupt development efforts and team chemistry of the project. Amending the Sole Source Agreements with Oracle 1) ensures continuation of AMP Phase IV to its new proposed target date of September 31, 2022, and 2) provides needed operational support for AMP's Oracle cloud environments.	
<b>DEADLINES/ TIME CONSTRAINTS</b>	AMP Phase IV was scheduled to end November 2021. The Sole Source Amendment would extend the Phase IV to September 2022.	
<b>COST &amp; FUNDING</b>	Total cost: <u>Sole Source Amendment Phase IV</u> Development: \$13,000,000 Time and Materials: \$500,000  <u>Sole Source Amendment AMSS</u> \$1,440,000	Funding source: FY 2020-21: \$10,500,000 (Dept. Savings) FY 2022-23: \$3,000,000 (Dept. Budget Process) Subtotal: \$13,500,000 FY 2021-22: \$1,440,000 (Dept. Savings – ISD Hosting) Subtotal: \$1,440,000
	TERMS (if applicable): Explanation: All previously negotiated terms and conditions of the existing Sole Source Agreements will remain in full effect. The AMP Phase IV SOW will be amended to add additional scope and schedule. The AMSS Agreement will be amended to add additional monthly services. Both Sole Source Amendments will require increased expenditures.	
<b>PURPOSE OF REQUEST</b>	AMP Phase IV requires extension due to the COVID pandemic and its impact on collaboration and resources, unanticipated scope increases related to technical complexities with mainframe (PDB), and California legislative changes (Proposition 19). The Phase IV Sole Source Amendment will cover the continued development of Phase IV (21.A Release) including: <ul style="list-style-type: none"> <li>- Required (additional) scope to produce the FY 2022-23 roll on AMP and decommissioning of PDB</li> <li>- Prop 19 AMP workflow to accommodate new legal requirements</li> <li>- Computer Assisted Mass Appraisal using Oracle data science and machine learning</li> <li>- Phase IV Cutover from mainframe to AMP (October 2022)</li> <li>- Production Support (November 2022)</li> </ul> The AMSS Sole Source Amendment includes: <ul style="list-style-type: none"> <li>- Extended services to include new environment support and additional services to support product upgrades, security and release management.</li> </ul>	
<b>BACKGROUND (include internal/external issues that may exist)</b>	In November 2019, the Assessor started Phase IV of AMP to decommission mainframe (PDB) by building new processes and functionalities on top of the foundational pieces successfully built in the prior phases. Several unplanned critical factors impacted the scope and schedule of the project, requiring the Assessor to request an extension of schedule and scope beyond its delegated authority.	
<b>DEPARTMENTAL AND OTHER CONTACTS</b>	Name, Title, Phone # & Email: • Steven Hernandez, Assistant Assessor 213-974-3123, <a href="mailto:SHernandez@assessor.lacounty.gov">SHernandez@assessor.lacounty.gov</a>	



JEFFREY PRANG  
Assessor

**OFFICE OF THE ASSESSOR  
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*Valuing People  
and Property*

November 16, 2021

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**AUTHORIZATION FOR THE ASSESSOR TO AMEND SOLE SOURCE  
AGREEMENTS WITH ORACLE AMERICA, INC. (ORACLE) TO PROVIDE  
EXTENDED SUPPORT FOR THE DEVELOPMENT OF ASSESSOR'S  
MODERNIZATION PROJECT (AMP) PHASE IV AND APPLICATION MANAGEMENT  
SUPPORT SERVICES (AMSS) FOR AMP  
(ALL SUPERVISORIAL DISTRICTS – 3 VOTES)**

**CIO RECOMMENDATION: APPROVE (X)**

**SUBJECT:**

Request to delegate authority to the Assessor, or his designee, to execute Sole Source Amendments to Sole Source Agreements with Oracle America, Inc. (Oracle) to (i) Provide extended scope and schedule for the continued development of AMP Phase IV, and (ii) Increase the Maximum Agreement Sum under the Application Management Support Services (AMSS) Agreement for extended services.

**IT IS RECOMMENDED THAT THE BOARD OF SUPERVISORS**

1. Authorize the Assessor, or his designee, to execute a Sole Source Amendment (Attachment I) to its AMP Phase IV Agreement with Oracle, effective upon execution, to: (i) extend the development schedule for an additional eleven (11) months, (ii) increase the scope for an additional \$13,000,000, and (iii) include \$500,000 for Time and Materials on an as-needed basis, for a new total agreement sum of \$51,104,000, with concurrence from the Chief Executive Office (CEO) and Chief Information Office (CIO), to provide extended support for AMP.
2. Authorize the Assessor, or his designee, to execute a Sole Source Amendment (Attachment II) to its AMSS Agreement with Oracle to increase the scope by an

additional \$1,440,000 for a new total agreement sum of \$3,240,000, effective December 1, 2021, with concurrence from CEO and CIO, to provide extended application management support for AMP. The term of the AMSS Agreement is not changed under this Sole Source Amendment, only the scope of work during the term. The AMSS Agreement began on May 27, 2021 and has a base term of thirty-six (36) months plus two (2) optional one (1) year extensions for a maximum term of five (5) years.

## **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

### **BACKGROUND**

Over the last several years, the Assessor has executed modernization efforts aimed at replacing legacy systems via the development of an integrated property assessment replacement system known as AMP. AMP is a five (5) phase agile development project being co-developed with Oracle Consulting Services.

On June 16, 2015, your Board authorized the first Work Order for AMP under the Master Service Agreement with Oracle to develop Phase I, which produced the overall enterprise architecture and foundation for AMP. On November 9, 2016, your Board authorized Phase II of AMP, which built on the groundwork developed in Phase I and provided additional functional components. On May 29, 2018, your Board authorized Phase III of AMP, which continued the development of key processes designed to intake, manage and initiate data and documents to support new AMP business processes, and further laid the architectural and technical foundation for Phase IV. On October 29, 2019, your Board authorized Phase IV of AMP, which involved an accelerated delivery of new construction functionality to continue design and implementation to support roll services, property statements, specialized assessments, automated process for handling new construction, market-based valuation, and case management for new construction.

Under delegated authority approved by your Board on October 29, 2019, the Assessor also entered into an Agreement on May 27, 2021 to have Oracle provide application management services for specific AMP cloud hosted environments.

There has been significant success on the current Phase IV contract including one major release and a cloud migration resulting in significant internal savings. In addition, the Assessor has successfully defined all the requirements needed to retire its mainframe, but requires additional development scope and schedule to build and test these final requirements.

To date, Oracle has provided good technical support, met project expectations, and is committed to the success of AMP. The Assessor's continued partnership with Oracle will provide project continuity, cost avoidance and timely delivery of a fully integrated and modernized assessment system.

## **JUSTIFICATION**

In November 2019, the Assessor started Phase IV of AMP, a phase dedicated to decommissioning the mainframe (PDB) by building new AMP processes and functionalities on top of the foundational pieces successfully built in the prior phases. However, during this phase, several unplanned critical factors impacted the scope and schedule of the project, requiring the Assessor to request an extension of schedule and scope beyond its delegated authority.

The Covid-19 Pandemic disrupted the historical on-site coordination and working patterns between the Oracle and Assessor development teams. While we continued to make progress remotely on the project, it lengthened the cycles needed to define requirements, understand complex technical and business relationships with both internal and external systems, and design solutions. The pandemic also impacted Assessor resources. We lost several key business and technical resources thru attrition, and have been unable to fill several vacant development positions required for the Assessor's co-development obligations.

The most critical component defining the success of AMP Phase IV is the targeted decommissioning of the Assessor's Property Database on the mainframe. While the original scope of this effort was reasonably estimated, several unknown complexities and dependencies were discovered during the elaboration and development phases of this project, requiring additional scope and testing cycles beyond contractual obligations. The extended scope and schedule needed will require us to complete the 2021-22 Annual Roll on mainframe, decommission it, and start the 2022-23 roll on AMP.

Because of the duration of Phase IV, there have also been opportunities to leverage new technologies during this phase to address ad-hoc requirements and replace additional legacy processes. For example, California's Proposition 19 passed in November 2020. Its requirements, with Board approval of this extension, will be built into AMP, eliminating unnecessary short-term system enhancements and processes to be built on legacy systems. The approval of this extension will allow the Assessor to use its existing Oracle cloud and data science platform to leverage machine learning technology to automate part of the ownership transfer process in AMP.

Finally, with the successful full migration of AMP into Oracle Cloud, the Assessor will be shifting "application management services" for the remaining AMP environments from the OCS Phase IV Agreement to the AMSS Agreement. AMSS application management services are ongoing AMP support services which address product upgrades, release management, configuration management, security patching, performance testing and Help Desk. These services were originally provided under the OCS Agreement, but with

the full migration to cloud, are now on-going operational costs of AMP. The AMSS Agreement currently provides these services for the AMP production environments, and would be amended to include the remaining non-production environments.

Both Sole Source Agreements will require additional funding to address term extension and increased scopes. Without the extension of schedule, scope, and funding, the Assessor will not be able to successfully complete Phase IV of AMP, forcing the department to continue its critical operations using legacy systems and manual processes.

The Assessor has benefited tremendously from the training, guidance and erudition from Oracle and will use this acquired knowledge to reduce its future dependency on Oracle development and support with the objective of becoming autonomous by the end of Phase V.

Oracle has been the sole vendor and partner for AMP since its inception. Oracle has created the architecture, design, security environments, and code for the project. Oracle has gained a thorough understanding of the Assessor's business and County's infrastructure, which has enabled Oracle to seamlessly develop and communicate on key components of AMP. In addition, each AMP phase is heavily dependent on data structures, business rules, and system components established and developed in the preceding phases. The Assessor has purchased more than \$5 million in development software tools from Oracle to build AMP. Introducing a new vendor at this point would introduce new risk, increase scope and considerably disrupt development efforts of the project.

## **BENEFITS**

Amending both Sole Source Agreements will ensure uninterrupted support and successful completion of AMP Phase IV. This will provide continued improvements in data transparency, security and audit, information accuracy, and support for future business and compliance requirements. In addition, completion of this phase will allow the Assessor to decommission its mainframe, a critical legacy system that is no longer maintainable. Savings will be redirected to AMP. AMP enables the Assessor, other property tax departments, and the public the ability to access assessment information from the Assessor's data repository using a web-based user interface.

## **Implementation of Strategic Plan Goals**

The recommended action supports Goal III, "Realize Tomorrow's Government Today," Strategy III.2, "Embrace Digital Government for the Benefit of our Internal Customers and Communities," Strategy III.3, "Pursue Operational Effectiveness, Fiscal Responsibility, and Accountability," and Strategy III.4, "Engage and Share Information with Our Customers, Communities and Partners."

### **FISCAL IMPACT/FINANCING**

The total maximum amount for AMP Phase IV Sole Source Amendment is \$13,500,000. The partial amount of \$10,500,000 is approved in the Assessor's FY 2021-22 Final Adopted Budget. The remaining funding of \$3,000,000 will be requested via the FY 2022-23 budget process.

Additionally, AMSS Sole Source Amendment will be an annual support cost not to exceed \$1,440,000, which will be fully offset by savings resulting from reductions in future ISD hosting and programming services.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

In accordance with Board Policy 5.100, Sole Source Contracts, the Assessor provided notification to the Board on August 27, 2021 with a shortened two weeks waiting period prior to initiating negotiations for Sole Source Amendments with Oracle.

County Counsel approves the Sole Source Amendments as to form and all previously negotiated terms and conditions of the existing Sole Source Agreements will remain in full effect. The Chief Information Officer (CIO) concurs with the Assessor's recommendation as noted on the CIO analysis attached (Attachment III).

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the recommended actions will have no negative impact on current public services or projects, nor will it affect the Assessor's production of the tax roll. Approval of the recommendations will ensure the Assessor continues to develop a modern assessment system to enhance its business operations and improve service delivery.

Respectfully submitted,

Reviewed by:

JEFFREY PRANG  
Assessor

Peter Loo  
Acting, Chief Information Officer

JP:SMH:TG:ST

Enclosures

c: Chief Executive Office  
Chief Information Office  
Executive Officer, Board of Supervisors



Honorable Board of Supervisors

November 16, 2021

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County Counsel  
Internal Services Department  
Auditor-Controller  
Registrar-Recorder/County Clerk  
Treasurer and Tax Collector

DRAFT

FIRM FIXED PRICE USE OF FUNDS INSTRUCTION



**AMP Phase IV Exhibit A: Increase in Functionality for LACA AMP Phase IV – Change Order 13**

<p>Customer name: Los Angeles County Assessor Date Raised: Date Resolution Required: October 30, 2021. Functional Area: Business Services Group Project Number: FP: 400095836 Ordering Document Number: Agreement dated October 29, 2019 Phase/Process: AMP Phase IV Priority: (Check one) <input checked="" type="checkbox"/> High   <input type="checkbox"/> Medium   <input type="checkbox"/> Low</p>	<p>Customer Request? (Check one): <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No Requested by (Customer): Kevin Lechner Prepared by (Oracle): Joel Steadley / Roger Wagstaff</p>
<p>Status (check one): <input type="checkbox"/> Under Oracle Review   <input type="checkbox"/> Under Customer Review   <input type="checkbox"/> Reviewed</p>	
<p><u>Reason for Instruction:</u> This change order is to address changes to the deliverables for AMP Phase IV, expand the functionality for AMP Phase IV Release 21.A, the creation of a Release 22.A which will include the functionality from Release 21.A and new functionality, and extend the schedule for the AMP Phase IV contract. Releases 21.A and 22.A will be combined into a single release. The primary reasons for this change order are:</p> <ol style="list-style-type: none"><li>1. Extension of schedule due to impact of Covid Pandemic</li><li>2. The ballot measure to change California Proposition 19, entitled Property Tax Transfers, Exemptions, and Revenue for Wildfire Agencies and Counties Amendment, was approved by the State of California voters in November 2020. This is new functionality.</li><li>3. Based upon a review by the LACA Business Owners, a new Computer Aided Mass Appraisal (CAMA) model is required as part of AMP Phase IV to help automate the ownership transfer process. This is new functionality.</li><li>4. Increase in scope resulting from newly discovered mainframe complexities.</li></ol> <p>Due to the increase in requirements, the AMP Phase IV contract is estimated to complete in September, 2022, with a planned release of 21.A/22.A in August 2022</p>	

Investigation and Findings:

This Change Order modifies the AMP Phase IV agreement in the following manner:

- A. Change Section 7.0 Agreement Sum Subsection 7.4 to read “The Maximum Agreement Sum, including all applicable taxes and Pool Dollars for Optional Work, authorized by County hereunder shall not exceed fifty one million, sixty five thousand, six hundred and fifty eight dollars (\$51,065,658.00) as further detailed in Exhibit A (Statement of Work) and Exhibit H (Oracle IaaS Ordering Document), unless such maximum agreement is modified pursuant to a duly approved amendment to this agreement to this Agreement by County’s and Contractor’s authorized representative(s) pursuant to Paragraph 13.0 (Changes to Agreement).”
- B. Change Section 7.0 Agreement Sum Subsection 7.6 Holdbacks to add “During the project and at the discretion of the County, the LACA Project Director can release the 10% hold back if the related deliverable has been accepted by the Assessor and the warranty period has been completed.”

This Change Order modifies Exhibit A, Statement of Work, to the Agreement, as amended by any Change Orders thereto (the “Statement of Work”) as follows:

- A. Exhibit A Section 1.C is modified as set forth in Appendix A attached hereto
- B. Exhibit A, Section 2 – FP Implementation Scope and Deliverables is modified as set forth in Appendix 1 attached hereto
- C. Exhibit A, Section 5 – Operations and Maintenance (“O&M”) is modified as set forth in Appendix 1 attached hereto
- D. Exhibit A, Section 6 - O&M Deliverables is modified as set forth in Appendix 1 attached hereto
- E. Exhibit A, Section 7.A – Financial Estimate – Fees and Expenses: Fixed Price is modified as set forth in Appendix 1 attached hereto
- F. Exhibit A, Section 7.B - Fees and Expenses: Production Operations and Maintenance (“O&M”) is modified as set forth in Appendix 1 attached hereto
- G. Exhibit A, Section 8.B – Oracle Services (Time & Materials) – Base Financial Estimate is modified as set forth in Appendix 1 attached hereto

This Change Order replaces the Exhibit I, County’s Information Security Policy with the attached Exhibit I.

Details of Instruction:

Scope of Work - See Appendix 1 hereto.

Obligations / Assumptions: See Appendix 1 hereto.

Statement of Changes - See Appendix 1 hereto.

Impact of Instruction:

Impact on Detailed Implementation Plan (including timescales where applicable): None.

Impact on Services: As defined in Appendix 1. The functionality being included in Phase IV will be expanded and the completion date of AMP Phase IV extended.

Financial Impact? ☒ Yes ☐ No ☐ None at this point.

If Yes, estimated Financial impact: \$12,961,658.00 increase in Fixed Price Deliverables and \$500,000.00 in Time and Materials.

Contingency funding

Contingency funding at the start of AMP Phase IV contract: \$3,131,000

Contingency funding available after CO 05: \$0.00

<b>County of Los Angeles</b>	<b>Oracle America, Inc.</b>
Authorized Signature: _____	Authorized Signature: _____
Name: Steve Hernandez	Name: _____
Title: Assistant Assessor	Title: _____
Date: November 16 <sup>th</sup> , 2021	Date: _____

Change Order 13 Effective Date: November 16<sup>th</sup>, 2021

DRAFT

## **Appendix 1**

**A. The AMP Phase IV – Exhibit A - Statement of Work is amended by deleting Table 1, AMP Phase IV Release Overview, in Section 1.C and inserting the following:**

*Table 1: AMP Phase IV Release Overview<sup>1</sup>*

Release	Release Contents	Estimated Year/Month
20.A	Major release of LACA developed code	Jan 2020
20.B	Global Case Management ("GCM") Bridge	Sep 2020
	Transfers (Change in O7.wnership)	
	Decline in Value (DIV)	
	Major Exemptions	
	R&D Work Unit	
	Conditional Routing	
	GCM Bridge Work Unit	
	GCM Bridge for Prior Phase AMP Processes	
	Change of Mailing address (C6.1)	
	Prop 58/193 (C11.7)	
	PSR (C11.1)	
	PDCR (C5)	
20.C	STAGE / PROD / DR Migration to OCI	Feb 2021
	Implement OEM and OMC on OCI and ADW	
21.A / 22.A – Release 21.A and Release 22.A are combined into a single release	GCM Process Implementation	Aug 2022
	Transfers (Change in Ownership)	
	Decline in Value (DIV)	
	Major Exemptions – Secured Property	
	Assessment Appeals	
	Possessory Interest (including Natural Resources, Manufactured Housing, Special Assessments)	
	Parcel Change	
	<del>WIP Replacement</del>	
	<del>Marine, Aircraft and Leasing</del>	
	Inbound Channels to AMP	
	<del>Tax Collector to AMP (TXN 255)</del>	
	Miscellaneous	
	<del>Audit Pool Process</del>	
	Other Legacy Systems	

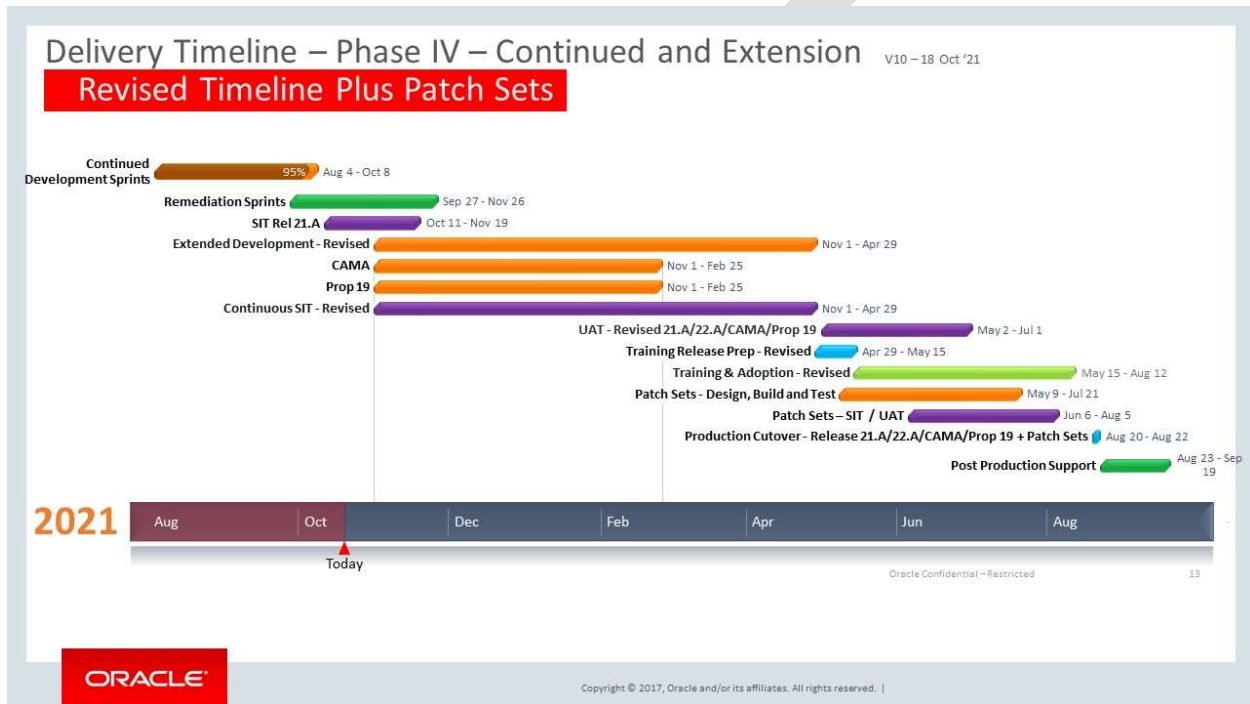
<sup>1</sup> Activities that are struck through have been removed from Phase IV by a Change Order

Release	Release Contents	Estimated Year/Month
	Roll Support	
	Roll Extensions (Refactoring, Roll Creation, Roll Being Prepared, Roll Closure, Prior/Current/Future Year Billing Runs).	
	<del>Split Roll</del>	
	Projected Roll	
	Roll Information Products (Balancing, SBF Prior/Current/Future)	
	Roll Exceptions	
	Miscellaneous Extensions	
	Change of Mailing Addresses (Public)	
	PDCR (Public)	
	Global Search	
	Establish Reporting Database	
	WebCenter Content Support for Non-Property Related Documents	
	GCM Extensions (Events History)	
	Correspondence	
	Data Interfaces for Survivor Apps from/to AMP	
	AMP to/from Legacy Data Warehouse	
	AMP to/from IDEX Executive office (Appeals)	
	AMP to APS	
	AMP to DIV	
	AMP from Major Exemptions DB	
	AMP from HOX	
	AMP to/from PIDBMS	
	AMP from PCDL	
	Global Case Management ("GCM") Bridge	
	Assessment Appeals	
	Possessory Interest	
	Parcel Change	
	Personal Property (Canvass)	
	Phase IV Cutover	
20.C PS2	Patch set to deploy LACA developed code	Dec 2021
21.A / 22.A – Release 21.A and Release 22.A are combined into a single release including patch set 22.A PS, if required	Computer Aided Mass Appraisal	Aug 2022
	Prop 19	
	Re-Factoring / Additional Requirements	

**B. The AMP Phase IV contract Exhibit A - Statement of Work is amended by inserting the following figure in Section 1.C:**

The high level timeline for combined Release 21.A/Release 22.A is shown in the following graphic:

Figure 3: High Level Timeline for Combined Release 21.A/22.A



Release	Components	Estimated Month/Year
20.A	LACA developed code	Jan 2020
20.B	GCM Bridge	Apr 2020
20.C	OCI Production, Stage and DR Migration	June 2020
20.C PS2	Patch set to deploy LACA developed code	Dec 2021
21.A/22.A	Legacy Replacement and additional functionality	Aug 2022

**C. The AMP Phase IV contract - Exhibit A - Statement of Work is amended by replacing the language in Section 2.B with the following**

**Release 21.A Scope and Deliverables**

Release 21.A is the primary release for Phase IV and includes the core functionality needed to retire the mainframe-based legacy systems, including PDB. When Release 21.A is combined with Release 22.A and is released into production and accepted, AMP will become the system of record for Assessed value. The release includes:

- a. Implementation of a number of major business processes for both secured and unsecured property.
- b. Full implementation of data interfaces for survivor systems (as described in 20.B).
- c. Refactoring of existing user interfaces and data services to support direct value updates to ADR.
- d. Extension of AMP functionality to support mainframe transactions to the Auditor Controller and from the Treasurer/Tax Collector systems.
- e. Extension of AMP functionality for Roll Support.
- f. Implementation of functionality in AMP needed to retire an additional 28 legacy systems.

The number of story points for Release 21.A has been reconciled against a manifest of user stories built within the sprints up to and including Sprint 39.

After Release 21.A is combined and released with Release 22.A, LACA will be able to complete the retirement of its mainframe hardware.

**Release 20.C PS2 Scope and Deliverables**

LACA will be responsible for the development and testing of Release 20.C PS2. Any integration issue to Release 21.A/22.A will be handled by the PMO.

Oracle will extend Component B and Component C to support Release 20.C PS2.

**Release 22.A Scope and Deliverables**

The objective of this release is to implement functionality needed to support roll closure in June 2023. Release 21.A and Release 22.A will be combined into a single release, which will be called Release 21.A/22.A. Figure 3 shows the overall timeline and how the two releases will be combined.

During the UAT of the combined Release and ongoing through the Training and Adoption period, additional development that is required will be handled through the development of release patch sets.

Oracle will extend Component C to support Release 22.A.

***Computer Aided Mass Appraisal (CAMA)***

This section describes the activities that will be executed in the final development and deployment of CAMA as part of Release 22.A. Oracle will deliver a CAMA platform which includes a Machine Learning model that utilizes the OCI Data Sciences platform, Autonomous Data Warehouse ("ADW") and Oracle Data Integrator ("ODI"). CAMA will support Auto-Enroll for



both Single Family Residence and Condominium sales and will use defensible sale-price acceptance criteria that is provided by LACA SMEs.

The CAMA activities will include the following:

- Development of a PWP unique to CAMA.
- Creation of an implementation plan to include definition of CAMA infrastructure, integration with data sources and integration with AMP.
- Provision and provide up to three (3) environments (1 PROD, two non-PROD). This will include a third ADW environment for CAMA use.
- Implementation of the CAMA AI/ML model to include integration with PTS, AMP, and GCM Transfer ownership work unit process with auto-enroll.
- CAMA data will be loaded from PTS to the ADW via the AMP data base.
- During the Elaboration Phase, the CAMA approach will be developed and may include modification of the current Oracle Golden Gate ("OGG") implementation.

Table 63A: CAMA Activities

Phase	Tasks	Estimated Month
Elaboration Phase	Review of CAMA model to confirm user stories, acceptance criteria and creation of additional user stories for replacement of ADS 13. Sprint planning for CAMA.	As per PWP
TDD Phase	Design, test cases, development, and demo of the CAMA functionality.	As per PWP

#### Deliverables

The following deliverables will be produced for the above:

Table 63B: Deliverables for Correspondence

Deliverable#	Deliverable Name	Deliverable Description	Estimated Month
86	CAMA Elaboration - Gate 6 Complete	CAMA Elaboration - Gate 6 Complete	As per PWP
87	CAMA (22.A Release) TDD Done	CAMA (22.A Release) TDD	As per PWP

#### *Proposition (Prop) 19 implementation*

The ballot measure to change California Proposition 19, entitled Property Tax Transfers, Exemptions, and Revenue for Wildfire Agencies and Counties Amendment, was approved by the State of California voters in November, 2020. Based upon the integration requirements, Prop 19 changes will be reviewed to determine other changes that may be required inside of AMP.

Table 63C: Prop 19 Activities

Phase	Tasks	Estimated Month
Elaboration Phase	Creating and grooming user stories, acceptance criteria. Sprint planning for	As per PWP

Phase	Tasks	Estimated Month
	Prop 19.	
TDD Phase	Design, test cases, development, demo of Prop 19.	As Per PWP

### Deliverables

The following deliverables will be produced for the above:

*Table 63D: Deliverables for Correspondence*

Deliverable#	Deliverable Name	Deliverable Description	Estimated Month
88	Prop 19 Elaboration - Gate 6 Complete	Prop 19 Elaboration - Gate 6 Complete	As per PWP
89	Prop 19 - (22.A Release) TDD	Prop 19 - (22.A Release) TDD	As per PWP

### *Additional Development November 2021 through August 2022*

This section describes the provisioning of additional development needed to enhance and/or refactor code being developed in AMP Phase IV due to the iterative and agile nature of the development process being followed for the overall AMP project. This additional development, which also includes Prop 19, will support Release 22.A and 22.A Patch sets.

While Release 21.A used a scope defined agile process; due to the time constraints of meeting the August 2022 production Go Live, Release 22.A will take a time defined agile process.

As part of the Development process, prior to each sprint, Oracle will provide to LACA, for confirmation, of the items to be included in each sprint and the User Story complexity. The potential additional monthly development velocity is indicated in Table 63E.

*Table 63E: Additional Development*

Month	Potential Velocity Measured in Story Points*
Nov '21	390
Dec '21	290
Jan '22	250
Feb '22	250
Mar '22	230
Apr '22	230
May '22	210
Jun '22	170
Jul '22	150
Aug '22	100

\*Achieving the potential velocity is subject to timely availability of sufficient TDD Ready User Story backlog that has been appropriately groomed and of a suitable skill set mix. Subject to the nature and timing of the requirements that will be provided, the approximate ratio of new development to defect remediation will be in the range of 75% / 25%, respectively. This ratio and potential velocity will be reviewed by the PMO to assist with planning.

## Conduct Release 21.A/22.A and Patch Set Transition and Production

- Transition Phase - This phase shall provide activities for readiness of the External Release for production rollout (including SIT, UAT, Performance Testing, Cut-Over Planning, and Production Migration).
- Production Phase – This phase shall provide Release Closure and one (1) calendar month Post Production Support activities for External Release.

The Transition Activities will be bound by the following:

Table 63F: Release 21.A/22.A Transition Phase Activities

Test Type	Estimated Schedule
Rel 21.A SIT and Remediation	As per PWP
Rel 21.A/22.A/Patch Set Transition	As per PWP
Rel 21.A/22.A/Patch Set Production	As per PWP

The following deliverables will be produced for the above:

Table 63G: Deliverables for Release 21.A/22.A Transition Phase Activities

Deliverable#	Deliverable Name	Deliverable Description	Estimated Month
69	Project Closeout Report	Report of project closeout activities	As per PWP
90	Rel 21.A/22.A and PS Cutover Plan Update	21.A/22.A and PS Cutover Plan Update	As per PWP
91	Rel 21.A/22.A Transition Summary Report	Release 21.A/22.A Transition Summary Report	As per PWP
92	Rel 22.A PS Transition Summary Report	Release 22.A PS Transition Report	As per PWP
93	Rel 21.A/22.A/PS Production Summary Report	Release 21.A/22.A/PS Production Summary Report	As per PWP

Deliverables

The following deliverables will be produced for the above:

Table 63F: Deliverables for Additional Sprints

Deliverable#	Deliverable Name	Deliverable Description	Estimated Month
76	Rel 21 A - Extended Scope Development and Sprint Release - October 2021	Release 21 A - Extended Scope Development and Sprint Release - October 2021	As per PWP
77	Rel 22.A - Extended Scope Development and Sprint Release - November 2021	Release 22.A - Extended Scope Development and Sprint Release - November 2021	As per PWP
78	Rel 22.A - Extended Scope Development and Sprint Release - December 2021	Release 22.A - Extended Scope Development and Sprint Release - December 2021	As per PWP
79	Rel 22.A - Extended Scope Development and Sprint Release - January 2022	Release 22.A - Extended Scope Development and Sprint Release - January 2022	As per PWP
80	Rel 22.A - Extended Scope Development and Sprint Release - February 2022	Release 22.A - Extended Scope Development and Sprint Release - February 2022	As per PWP
81	Rel 22.A - Extended Scope Development and Sprint Release - March 2022	Release 22.A - Extended Scope Development and Sprint Release - March 2022	As per PWP
82	Rel 22.A - Extended Scope Development and Sprint Release -April 2022	Release 22.A - Extended Scope Development and Sprint Release -April 2022	As per PWP
83	Rel 22.A - Patch Set Scope Development and Sprint Release -May 2022	Release 22.A - Patch Set Scope Development and Sprint Release -May 2022	As per PWP
84	Rel 22.A - Patch Set Scope Development and Sprint Release - June 2022	Release 22.A - Patch Set Scope Development and Sprint Release - June 2022	As per PWP
85	Rel 22.A - Patch Set Scope Development and Sprint Release - July 2022	Release 22.A - Patch Set Scope Development and Sprint Release - July 2022	As per PWP
90	Rel 21.A/22.A and PS Cutover Plan Update	21.A/22.A and PS Cutover Plan Update	As per PWP
91	Rel 21.A/22.A Transition Summary Report	Release 21.A/22.A Transition Summary Report	As per PWP
92	Rel 22.A PS Transition Summary Report	Release 22.A PS Transition Report	As per PWP
93	Rel 21.A/22.A/PS Production	Release 21.A/22.A/PS	As per PWP

Deliverable#	Deliverable Name	Deliverable Description	Estimated Month
	Summary Report	Production Summary Report	
94	Rel 20C PS1 - Transition Summary Report	Release 20C PS1 - Transition Summary Report	As per PWP
95	Rel 20C PS1 - Production Summary Report	Release 20C PS1 - Production Summary Report	As per PWP

**D. The AMP Phase IV contract – Exhibit A - Statement of Work is amended by deleting Section 3 Table 64 of the Statement of Work and replacing it with Table 64 below:**

*Table 64: Summary of AMP Phase IV FP Deliverables*

#	Deliverable Name	Deliverable Description	Expected Delivery Month
1	Phase IV Project Inception	Tasks to establish the project including a project kickoff presentation	Month 1
2	Initial PWP	Initial Project Work Plan	Month 1
3	PMP	Project Management Plan for Phase IV	Month 2
4	Updated Technical Architecture Document - Months 2 to 16	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	
4.1	Updated Technical Architecture Document - Month 2	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 2
4.2	Updated Technical Architecture Document - Month 4	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 4
4.3	Updated Technical Architecture Document - Month 6	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 6
4.4	Updated Technical Architecture Document - Month 8	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 8
4.5	Updated Technical Architecture Document - Month 10	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 10
4.6	Updated Technical Architecture Document - Month 12	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 12
4.7	Updated Technical Architecture Document - Month 14	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 14
4.8	Updated Technical Architecture Document - Month 15	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 15

#	Deliverable Name	Deliverable Description	Expected Delivery Month
5	Updated AMP Architectural Principles Summary Document	Documentation of Architecture Principles to be followed in Project execution	
5.1	Updated AMP Architectural Principles Summary Document - Month 2	Updated documentation of Architecture Principles to be followed in Project execution	Month 2
5.2	Updated AMP Architectural Principles Summary Document - Month 4	Updated documentation of Architecture Principles to be followed in Project execution	Month 4
5.3	Updated AMP Architectural Principles Summary Document - Month 6	Updated documentation of Architecture Principles to be followed in Project execution	Month 6
5.4	Updated AMP Architectural Principles Summary Document - Month 8	Updated documentation of Architecture Principles to be followed in Project execution	Month 8
5.5	Updated AMP Architectural Principles Summary Document - Month 10	Updated documentation of Architecture Principles to be followed in Project execution	Month 10
5.6	Updated AMP Architectural Principles Summary Document - Month 12	Updated documentation of Architecture Principles to be followed in Project execution	Month 12
5.7	Updated AMP Architectural Principles Summary Document - Month 14	Updated documentation of Architecture Principles to be followed in Project execution	Month 14
5.8	Updated AMP Architectural Principles Summary Document - Month 15	Updated documentation of Architecture Principles to be followed in Project execution	Month 15
6	Architecture Status Report - Months 2 to 15	Monthly report documenting Architecture Team activities and accomplishments	Months 2 to 15 as set out below
6.1	Architecture Status Report - Month 2	Monthly report documenting Architecture Team activities and accomplishments	Month 2
6.2	Architecture Status Report - Month 3	Monthly report documenting Architecture Team activities and accomplishments	Month 3
6.3	Architecture Status Report - Month 4	Monthly report documenting Architecture Team activities and accomplishments	Month 4
6.4	Architecture Status Report - Month 5	Monthly report documenting Architecture Team activities and accomplishments	Month 5

#	Deliverable Name	Deliverable Description	Expected Delivery Month
6.5	Architecture Status Report - Month 6	Monthly report documenting Architecture Team activities and accomplishments	Month 6
6.6	Architecture Status Report - Month 7	Monthly report documenting Architecture Team activities and accomplishments	Month 7
6.7	Architecture Status Report - Month 8	Monthly report documenting Architecture Team activities and accomplishments	Month 8
6.8	Architecture Status Report - Month 9	Monthly report documenting Architecture Team activities and accomplishments	Month 9
6.9	Architecture Status Report - Month 10	Monthly report documenting Architecture Team activities and accomplishments	Month 10
6.10	Architecture Status Report - Month 11	Monthly report documenting Architecture Team activities and accomplishments	Month 11
6.11	Architecture Status Report - Month 12	Monthly report documenting Architecture Team activities and accomplishments	Month 12
6.12	Architecture Status Report - Month 13	Monthly report documenting Architecture Team activities and accomplishments	Month 13
6.13	Architecture Status Report - Month 14	Monthly report documenting Architecture Team activities and accomplishments	Month 14
6.14	Architecture Status Report - Month 15	Monthly report documenting Architecture Team activities and accomplishments	Month 15
7	Release and Configuration Management Report	Summary of Release and Configuration management activities in the preceding 2 months	
7.1	Release and Configuration Management Report - Month 2	Summary of Release and Configuration Management activities in the preceding 2 months	Month 2
7.2	Release and Configuration Management Report - Month 4	Summary of Release and Configuration Management activities in the preceding 2 months	Month 4
7.3	Release and Configuration Management Report - Month 6	Summary of Release and Configuration Management activities in the preceding 2 months	Month 6
7.4	Release and Configuration Management Report - Month 8	Summary of Release and Configuration Management activities in the preceding 2 months	Month 8
7.5	Release and Configuration Management Report - Month 10	Summary of Release and Configuration Management activities in the preceding 2 months	Month 10
7.6	Release and Configuration Management Report - Month 12	Summary of Release and Configuration Management activities in the preceding 2 months	Month 12
7.7	Release and Configuration Management Report - Month 14	Summary of Release and Configuration Management activities in the preceding 2 months	Month 14

#	Deliverable Name	Deliverable Description	Expected Delivery Month
7.8	Release and Configuration Management Report - Month 15	Summary of Release and Configuration Management activities in the preceding 2 months	Month 15
8	Test Capability Report	Summary of Test Automation activities in the preceding 2 months	
8.1	Test Capability Report - Month 4	Summary of Test Automation activities in the preceding 2 months	Month 4
8.2	Test Capability Report - Month 6	Summary of Test Automation activities in the preceding 2 months	Month 6
8.3	Test Capability Report - Month 8	Summary of Test Automation activities in the preceding 2 months	Month 8
8.4	Test Capability Report - Month 10	Summary of Test Automation activities in the preceding 2 months	Month 10
8.5	Test Capability Report - Month 12	Summary of Test Automation activities in the preceding 2 months	Month 12
8.6	Test Capability Report - Month 14	Summary of Test Automation activities in the preceding 2 months	Month 14
8.7	Test Capability Report - Month 15	Summary of Test Automation activities in the preceding 2 months	Month 15
9	Environment Management Report	Summary of SDLC Environment Management activities in the preceding 2 months	
9.1	Environment Management Report - Month 2	Summary of SDLC Environment Management activities in the preceding 2 months	Month 2
9.2	Environment Management Report - Month 4	Summary of SDLC Environment Management activities in the preceding 2 months	Month 4
9.3	Environment Management Report - Month 6	Summary of SDLC Environment Management activities in the preceding 2 months	Month 6
9.4	Environment Management Report - Month 8	Summary of SDLC Environment Management activities in the preceding 2 months	Month 8
9.5	Environment Management Report - Month 10	Summary of SDLC Environment Management activities in the preceding 2 months	Month 10
9.6	Environment Management Report - Month 12	Summary of SDLC Environment Management activities in the preceding 2 months	Month 12
9.7	Environment Management Report - Month 14	Summary of SDLC Environment Management activities in the preceding 2 months	Month 14



#	Deliverable Name	Deliverable Description	Expected Delivery Month
9.8	Environment Management Report - Month 15	Summary of SDLC Environment Management activities in the preceding 2 months	Month 15
10	Vision Prototypes	Summary of all conceptual prototypes created in Vision Phase	Month 2
11	Security Extensions Summary	Monthly Summary of Security Extension Activities and Accomplishments	
11.1	Security Extensions Summary - Month 1	Monthly Summary of Security Extension Activities and Accomplishments	Month 1
11.2	Security Extensions Summary - Month 2	Monthly Summary of Security Extension Activities and Accomplishments	Month 2
11.3	Security Extensions Summary - Month 3	Monthly Summary of Security Extension Activities and Accomplishments	Month 3
11.4	Security Extensions Summary - Month 4	Monthly Summary of Security Extension Activities and Accomplishments	Month 4
11.5	Security Extensions Summary - Month 5	Monthly Summary of Security Extension Activities and Accomplishments	Month 5
11.6	Security Extensions Summary - Month 6	Monthly Summary of Security Extension Activities and Accomplishments	Month 6
11.7	Security Extensions Summary - Month 7	Monthly Summary of Security Extension Activities and Accomplishments	Month 7
11.8	Security Extensions Summary - Month 8	Monthly Summary of Security Extension Activities and Accomplishments	Month 8
11.9	Security Extensions Summary - Month 9	Monthly Summary of Security Extension Activities and Accomplishments	Month 9
11.10	Security Extensions Summary - Month 10	Monthly Summary of Security Extension Activities and Accomplishments	Month 10
11.11	Security Extensions Summary - Month 11	Monthly Summary of Security Extension Activities and Accomplishments	Month 11
11.12	Security Extensions Summary - Month 12	Monthly Summary of Security Extension Activities and Accomplishments	Month 12
11.13	Security Extensions Summary - Month 13	Monthly Summary of Security Extension Activities and Accomplishments	Month 13
11.14	Security Extensions Summary - Month 14	Monthly Summary of Security Extension Activities and Accomplishments	Month 14
11.15	Security Extensions Summary - Month 15	Monthly Summary of Security Extension Activities and Accomplishments	Month 15
12	Release 20.A Transition Report	Summary Report of output from testing	Month 3
13	Release 20.A Production Report	Summary Report of output from production	Month 4
14	GCM Bridge Elaboration Summary	Summary of Elaboration deliverables for GCM Bridge	As per PWP

#	Deliverable Name	Deliverable Description	Expected Delivery Month
15	GCM Bridge TDD Summary	Summary of TDD deliverables for GCM Bridge	As per PWP
16	Prior Phase AMP processes to GCM Elaboration Summary	Summary of Elaboration deliverables for Prior phase AMP processes to GCM	As per PWP
17	Prior Phase AMP processes to GCM TDD Summary	Summary of TDD deliverables for prior phase AMP processes to GCM	As per PWP
18	Data Interfaces Elaboration Summary	Summary of Elaboration deliverables for Data Interfaces	As per PWP
19	Data Interfaces TDD Summary	Summary of TDD deliverables for Data Interfaces	As per PWP
20	20.B Transition Phase Summary Report	Summary of output from testing activities for Release 20.B	As per PWP
21	20.B Production Phase Summary Report	Summary of output from Production Support activities for Release 20.B	As per PWP
22	Cloud Deployment Design Document	Summary of Elaboration deliverables for migration	As per PWP
23	Release 20.C Transition Phase Summary Report	Summary of output from testing activities for Release 20.C	As per PWP
24	Release 20.C Transition Report	Summary report of Release 20.C	As per PWP
25	Correspondence Elaboration Summary	Summary of Elaboration deliverables for Correspondence.	As per PWP
26	Correspondence TDD Summary	Summary of TDD deliverables for Correspondence.	As per PWP
27	PC Elaboration Summary	Summary of Elaboration deliverables for Parcel Change	As per PWP
28	PC TDD Summary	Summary of TDD deliverables for Parcel Construction	As per PWP
29	Transfer Elaboration Summary	Summary of Elaboration deliverables for Transfers	As per PWP
30	Transfer TDD Summary	Summary of TDD deliverables for Transfers	As per PWP
31	DIV Elaboration Summary	Summary of Elaboration deliverables for DIV	As per PWP
32	DIV TDD Summary	Summary of TDD deliverables for DIV	As per PWP
33	Major Exemptions Elaboration Summary	Summary of Elaboration deliverables for Major Exemptions	As per PWP
34	Major Exemptions TDD Summary	Summary of TDD deliverables for Major Exemptions	As per PWP
35	Assessment Appeals Elaboration Summary	Summary of Elaboration deliverables for Assessment Appeals	As per PWP

#	Deliverable Name	Deliverable Description	Expected Delivery Month
36	Assessment Appeals TDD Summary	Summary of TDD deliverables for Assessment Appeals	As per PWP
37	PI Elaboration Summary	Summary of Elaboration deliverables for PI	As per PWP
38	PI TDD Summary	Summary of TDD deliverables for PI	As per PWP
39	Cross Reference Elaboration Summary	Summary of Elaboration deliverables for Cross Reference	As per PWP
40	Cross Reference TDD Summary	Summary of TDD deliverables for Cross Reference	As per PWP
41	WIP Elaboration Summary	Summary of Elaboration deliverables for WIP	As per PWP
42	WIP TDD Summary	Summary of TDD deliverables for WIP	As per PWP
43	Marine/Aircraft/Leasing Elaboration Summary	Summary of Elaboration deliverables for Marine, Aircraft, and Leasing	As per PWP
44	Marine/Aircraft/Leasing TDD Summary	Summary of TDD deliverables for Marine, Aircraft, and Leasing	As per PWP
45	Field Book Elaboration Summary	Summary of Elaboration deliverables for Field Books	As per PWP
46	Field Book TDD Summary	Summary of TDD deliverables for Field Books	As per PWP
47	SDR/eFile Elaboration Summary	Summary of Elaboration deliverables for SDR and eFile	As per PWP
48	SDR/eFile TDD Summary	Summary of TDD deliverables for SDR and eFile	As per PWP
49	AC Transactions Elaboration Summary	Summary of Elaboration deliverables for AC and TTC	As per PWP
50	AC Transactions TDD Summary	Summary of TDD deliverables for AC and TTC	As per PWP
51	Audit Pool Elaboration Summary	Summary of Elaboration deliverables for Audit Pooling	As per PWP
52	Audit Pool Transactions TDD Summary	Summary of TDD deliverables for Audit Pooling	As per PWP
53	Miscellaneous Legacy System Elaboration Summary	Summary of Elaboration deliverables for Miscellaneous Legacy Systems	As per PWP
54	Miscellaneous Legacy System TDD Summary	Summary of TDD deliverables for Miscellaneous Legacy Systems	As per PWP
55	Roll Support Extensions Elaboration Summary	Summary of Elaboration deliverables for Roll Support Extensions	As per PWP
56	Roll Support Extensions TDD Summary	Summary of TDD deliverables for Roll Support Extensions	As per PWP

#	Deliverable Name	Deliverable Description	Expected Delivery Month
57	<del>Split Roll Elaboration Summary</del>	<del>Summary of Elaboration deliverables for Split Roll</del>	<del>As per PWP</del>
58	<del>Split Roll TDD Summary</del>	<del>Summary of TDD deliverables for Split Roll</del>	<del>As per PWP</del>
59	Projected Roll Elaboration Summary	Summary of Elaboration deliverables for Projected Roll	As per PWP
60	Projected Roll TDD Summary	Summary of TDD deliverables for Projected Roll	As per PWP
61	Roll Information Products Elaboration Summary	Summary of Elaboration deliverables for Roll Information Products	As per PWP
62	Roll Information Products TDD Summary	Summary of TDD deliverables for Roll Information Products	As per PWP
63	Roll Exceptions Elaboration Summary	Summary of Elaboration deliverables for Roll Exceptions	As per PWP
64	Roll Exception TDD Summary	Summary of TDD deliverables for Roll Exceptions Products	As per PWP
65	ME Elaboration Summary	Summary of Elaboration deliverables for Miscellaneous Extensions	As per PWP
66	ME TDD Summary	Summary of TDD deliverables for Miscellaneous Extensions	As per PWP
67	<del>Rel 21.A Transition Report</del>	<del>Summary of output from Testing Activities for Release 21.A</del>	<del>As per PWP</del>
68	<del>Rel 21.A Production Report</del>	<del>Summary of output from Production Support Activities for Release 21.A</del>	<del>As per PWP</del>
69	Project Closeout Report	Report of project closeout activities	As per PWP
70	GCM Bridge Work Unit Elaboration Summary	Summary of Elaboration deliverables for GCM Bridge Work Unit	As per PWP
71	GCM Bridge Work Unit TDD Summary	Summary of TDD deliverables for GCM Bridge Work Unit	As per PWP
72	R&D Elaboration Summary	Summary of Elaboration deliverables for R&D	As per PWP
73	R&D TDD Summary	Summary of TDD deliverables for R&D	As per PWP
74	Conditional Routing Elaboration Summary	Summary of Elaboration deliverables for Conditional Routing t	As per PWP
75	Conditional Routing TDD Summary	Summary of TDD deliverables for Conditional Routing	As per PWP
76	Rel 21 A - Extended Scope Development and Sprint Release - October 2021	Release 21 A - Extended Scope Development and Sprint Release - October 2021	As per PWP
77	Rel 22.A - Extended Scope Development and Sprint Release - November 2021	Release 22.A - Extended Scope Development and Sprint Release - November 2021	As per PWP

#	Deliverable Name	Deliverable Description	Expected Delivery Month
78	Rel 22.A - Extended Scope Development and Sprint Release - December 2021	Release 22.A – Extended Scope Development and Sprint Release - December 2021	As per PWP
79	Rel 22.A - Extended Scope Development and Sprint Release - January 2022	Release 22.A - Extended Scope Development and Sprint Release - January 2022	As per PWP
80	Rel 22.A - Extended Scope Development and Sprint Release - February 2022	Release 22.A – Extended Scope Development and Sprint Release - February 2022	As per PWP
81	Rel 22.A - Extended Scope Development and Sprint Release - March 2022	Release 22.A - Extended Scope Development and Sprint Release - March 2022	As per PWP
82	Rel 22.A - Extended Scope Development and Sprint Release -April 2022	Release 22.A - Extended Scope Development and Sprint Release -April 2022	As per PWP
83	Rel 22.A - Patch Set Scope Development and Sprint Release -May 2022	Release 22.A - Patch Set Scope Development and Sprint Release -May 2022	As per PWP
84	Rel 22.A - Patch Set Scope Development and Sprint Release - June 2022	Release 22.A - Patch Set Scope Development and Sprint Release - June 2022	As per PWP
85	Rel 22.A - Patch Set Scope Development and Sprint Release - July 2022	Release 22.A - Patch Set Scope Development and Sprint Release - July 2022	As per PWP
90	Rel 21.A/22.A and PS Cutover Plan Update	Release 21.A/22.A and PS Cutover Plan Update	As per PWP
91	Rel 21.A/22.A Transition Summary Report	Release 21.A/22.A Transition Summary Report	As per PWP
92	Rel 22.A PS Transition Summary Report	Release 22.A PS Transition Summary Report	As per PWP
93	Rel 21.A/22.A/PS Production Summary Report	Release 21.A/22.A/PS Production Summary Report	As per PWP
94	20C PS1 - Transition Summary Report	20C PS1 - Transition Summary Report	As per PWP
95	20C PS1 - Production Summary Report	20C PS1 - Production Summary Report	As per PWP

**E. The AMP Phase IV contract – Exhibit A - Statement of Work is amended by adding the following subsection to Section 4.B.1 of the Statement of Work**

1. Project Assumptions

- pp. Any user story that presents technical or business challenges to the Elaboration schedule, will be escalated to the PMO for resolution.
- qq. You will prioritize user stories in JIRA.

**F. The AMP Phase IV contract – Exhibit A - Statement of Work is amended by adding the following subsection to Section 4.B.5 of the Statement of Work**

- k. Computer Aided Mass Appraisal (CAMA) Assumptions
  - i. CAMA AI/ML model training is Your responsibility.
  - ii. Development, testing and deployment is the responsibility of Oracle.
  - iii. Comparing CAMA AI/ML output against ADS13 results is Your responsibility.
  - iv. ODI jobs will utilize existing LACA ODI servers and repositories (Pre-prod and Prod).
  - v. The Oracle Data Sciences platform will be used as Training and Inference engine.
  - vi. The Legacy PTS system and AMP will be the client of CAMA.
  - vii. Modifications to PTS is Your responsibility.
  - viii. During the Elaboration Phase, the approach to import data will be developed and may include modification of the current Oracle Golden Gate (“OGG”) implementation.

**G. The AMP Phase IV contract – Exhibit A - Statement of Work is amended by deleting subsections A and B of Section 7 of the Statement of Work in their entirety and inserting the following:**

**A. Fees and Expenses: Fixed Price**

You agree to pay Oracle a fee of forty three million six hundred and forty thousand and four hundred and eight dollars (\$43,640,408.00) for Services and deliverables described in Section 3 of this Statement of Work. This fee includes travel and out of pocket expenses. This fee does not include taxes. Upon completion of a milestone, ninety percent (90%) of the corresponding milestone fee specified below becomes due and payable and Oracle shall thereafter invoice, and You shall pay, such milestone fee; this payment obligation shall become non-cancelable and the sum paid nonrefundable on Your acceptance date. A milestone is completed once all the deliverable(s) under such milestone are completed. The remaining ten percent (10%) of each corresponding fee not originally invoiced shall be due upon Final Acceptance of the Solution in accordance with Sub-paragraphs 5.2 through 5.6 (Final Acceptance) of the Agreement.

As of the Effective Date of this Statement of Work, the below delivery dates are estimated dates and are intended for planning purposes only. As such Oracle does not guarantee that these dates will be met and failure to meet such estimated dates shall not, in and of itself, constitute a breach of contract. Oracle will, however, use commercially reasonable efforts to meet the estimated dates.

Notwithstanding the foregoing, the PWP shall set forth mutually agreed upon dates for the below deliverables. Upon acceptance by You of the PWP, such dates shall no longer be deemed to be estimates. Any changes to the PWP will be reviewed and agreed upon jointly by the Your and Oracle Project Managers and recorded in the weekly status reports.

Table 75: Deliverables Payment Schedule

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
1	Phase IV Project Inception	Tasks to establish the project including a project kickoff presentation	Month 1	\$450,108.00	\$45,010.80	\$405,097.20
2	Initial PWP	Initial Project Work Plan	Month 1	\$450,000.00	\$45,000.00	\$405,000.00
3	PMP	Project Management Plan for Phase IV	Month 2	\$375,000.00	\$37,500.00	\$337,500.00
4	Updated Technical Architecture Document - Months 2 to 16	Updated LACA Technical Architecture Document that has been created and maintained since Phase I				
4.1	Updated Technical Architecture Document - Month 2	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 2	\$400,000.00	\$40,000.00	\$360,000.00
4.2	Updated Technical Architecture Document - Month 4	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 4	\$175,000.00	\$17,500.00	\$157,500.00
4.3	Updated Technical Architecture Document - Month 6	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 6	\$175,000.00	\$17,500.00	\$157,500.00
4.4	Updated Technical Architecture Document - Month 8	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 8	\$175,000.00	\$17,500.00	\$157,500.00
4.5	Updated Technical Architecture Document - Month 10	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 10	\$175,000.00	\$17,500.00	\$157,500.00
4.6	Updated Technical Architecture Document - Month 12	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 12	\$175,000.00	\$17,500.00	\$157,500.00
4.7	Updated Technical Architecture Document - Month 14	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 14	\$100,000.00	\$10,000.00	\$90,000.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
4.8	Updated Technical Architecture Document - Month 15	Updated LACA Technical Architecture Document that has been created and maintained since Phase I	Month 15	\$75,000.00	\$7,500.00	\$67,500.00
5	Updated AMP Architectural Principles Summary Document	Documentation of Architecture Principles to be followed in Project execution				
5.1	Updated AMP Architectural Principles Summary Document - Month 2	Updated documentation of Architecture Principles to be followed in Project execution	Month 2	\$400,000.00	\$40,000.00	\$360,000.00
5.2	Updated AMP Architectural Principles Summary Document - Month 4	Updated documentation of Architecture Principles to be followed in Project execution	Month 4	\$175,000.00	\$17,500.00	\$157,500.00
5.3	Updated AMP Architectural Principles Summary Document - Month 6	Updated documentation of Architecture Principles to be followed in Project execution	Month 6	\$175,000.00	\$17,500.00	\$157,500.00
5.4	Updated AMP Architectural Principles Summary Document - Month 8	Updated documentation of Architecture Principles to be followed in Project execution	Month 8	\$175,000.00	\$17,500.00	\$157,500.00
5.5	Updated AMP Architectural Principles Summary Document - Month 10	Updated documentation of Architecture Principles to be followed in Project execution	Month 10	\$175,000.00	\$17,500.00	\$157,500.00
5.6	Updated AMP Architectural Principles Summary Document - Month 12	Updated documentation of Architecture Principles to be followed in Project execution	Month 12	\$175,000.00	\$17,500.00	\$157,500.00
5.7	Updated AMP Architectural Principles Summary	Updated documentation of Architecture Principles to be followed in Project execution	Month 14	\$100,000.00	\$10,000.00	\$90,000.00



#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
	Document - Month 14					
5.8	Updated AMP Architectural Principles Summary Document - Month 15	Updated documentation of Architecture Principles to be followed in Project execution	Month 15	\$75,000.00	\$7,500.00	\$67,500.00
6	Architecture Status Report - Months 2 to 15	Monthly report documenting Architecture Team activities and accomplishments	Months 2 to 15 as set out below			
6.1	Architecture Status Report - Month 2	Monthly report documenting Architecture Team activities and accomplishments	Month 2	\$250,000.00	\$25,000.00	\$225,000.00
6.2	Architecture Status Report - Month 3	Monthly report documenting Architecture Team activities and accomplishments	Month 3	\$175,000.00	\$17,500.00	\$157,500.00
6.3	Architecture Status Report - Month 4	Monthly report documenting Architecture Team activities and accomplishments	Month 4	\$175,000.00	\$17,500.00	\$157,500.00
6.4	Architecture Status Report - Month 5	Monthly report documenting Architecture Team activities and accomplishments	Month 5	\$175,000.00	\$17,500.00	\$157,500.00
6.5	Architecture Status Report - Month 6	Monthly report documenting Architecture Team activities and accomplishments	Month 6	\$175,000.00	\$17,500.00	\$157,500.00
6.6	Architecture Status Report - Month 7	Monthly report documenting Architecture Team activities and accomplishments	Month 7	\$175,000.00	\$17,500.00	\$157,500.00
6.7	Architecture Status Report - Month 8	Monthly report documenting Architecture Team activities and accomplishments	Month 8	\$175,000.00	\$17,500.00	\$157,500.00
6.8	Architecture Status Report - Month 9	Monthly report documenting Architecture Team activities and accomplishments	Month 9	\$175,000.00	\$17,500.00	\$157,500.00
6.9	Architecture Status Report - Month 10	Monthly report documenting Architecture Team activities and accomplishments	Month 10	\$175,000.00	\$17,500.00	\$157,500.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
6.10	Architecture Status Report - Month 11	Monthly report documenting Architecture Team activities and accomplishments	Month 11	\$175,000.00	\$17,500.00	\$157,500.00
6.11	Architecture Status Report - Month 12	Monthly report documenting Architecture Team activities and accomplishments	Month 12	\$175,000.00	\$17,500.00	\$157,500.00
6.12	Architecture Status Report - Month 13	Monthly report documenting Architecture Team activities and accomplishments	Month 13	\$150,000.00	\$15,000.00	\$135,000.00
6.13	Architecture Status Report - Month 14	Monthly report documenting Architecture Team activities and accomplishments	Month 14	\$150,000.00	\$15,000.00	\$135,000.00
6.14	Architecture Status Report - Month 15	Monthly report documenting Architecture Team activities and accomplishments	Month 15	\$75,000.00	\$7,500.00	\$67,500.00
7	Release and Configuration Management Report	Summary of Release and Configuration management activities in the preceding 2 months				
7.1	Release and Configuration Management Report - Month 2	Summary of Release and Configuration Management activities in the preceding 2 months	Month 2	\$200,000.00	\$20,000.00	\$180,000.00
7.2	Release and Configuration Management Report - Month 4	Summary of Release and Configuration Management activities in the preceding 2 months	Month 4	\$175,000.00	\$17,500.00	\$157,500.00
7.3	Release and Configuration Management Report - Month 6	Summary of Release and Configuration Management activities in the preceding 2 months	Month 6	\$175,000.00	\$17,500.00	\$157,500.00
7.4	Release and Configuration Management Report - Month 8	Summary of Release and Configuration Management activities in the preceding 2 months	Month 8	\$175,000.00	\$17,500.00	\$157,500.00
7.5	Release and Configuration Management Report - Month 10	Summary of Release and Configuration Management activities in the preceding 2 months	Month 10	\$175,000.00	\$17,500.00	\$157,500.00
7.6	Release and Configuration Management Report - Month 12	Summary of Release and Configuration Management activities in the preceding 2 months	Month 12	\$175,000.00	\$17,500.00	\$157,500.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
7.7	Release and Configuration Management Report - Month 14	Summary of Release and Configuration Management activities in the preceding 2 months	Month 14	\$125,000.00	\$12,500.00	\$112,500.00
7.8	Release and Configuration Management Report - Month 15	Summary of Release and Configuration Management activities in the preceding 2 months	Month 15	\$75,000.00	\$7,500.00	\$67,500.00
8	Test Capability Report	Summary of Test Automation activities in the preceding 2 months				
8.1	Test Capability Report - Month 4	Summary of Test Automation activities in the preceding 2 months	Month 4	\$250,000.00	\$25,000.00	\$225,000.00
8.2	Test Capability Report - Month 6	Summary of Test Automation activities in the preceding 2 months	Month 6	\$200,000.00	\$20,000.00	\$180,000.00
8.3	Test Capability Report - Month 8	Summary of Test Automation activities in the preceding 2 months	Month 8	\$200,000.00	\$20,000.00	\$180,000.00
8.4	Test Capability Report - Month 10	Summary of Test Automation activities in the preceding 2 months	Month 10	\$200,000.00	\$20,000.00	\$180,000.00
8.5	Test Capability Report - Month 12	Summary of Test Automation activities in the preceding 2 months	Month 12	\$200,000.00	\$20,000.00	\$180,000.00
8.6	Test Capability Report - Month 14	Summary of Test Automation activities in the preceding 2 months	Month 14	\$200,000.00	\$20,000.00	\$180,000.00
8.7	Test Capability Report - Month 15	Summary of Test Automation activities in the preceding 2 months	Month 15	\$75,000.00	\$7,500.00	\$67,500.00
9	Environment Management Report	Summary of SDLC Environment Management activities in the preceding 2 months				
9.1	Environment Management Report - Month 2	Summary of SDLC Environment Management activities in the preceding 2 months	Month 2	\$275,000.00	\$27,500.00	\$247,500.00
9.2	Environment Management Report - Month 4	Summary of SDLC Environment Management activities in the preceding 2 months	Month 4	\$275,000.00	\$27,500.00	\$247,500.00
9.3	Environment Management Report - Month 6	Summary of SDLC Environment Management	Month 6	\$275,000.00	\$27,500.00	\$247,500.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
		activities in the preceding 2 months				
9.4	Environment Management Report - Month 8	Summary of SDLC Environment Management activities in the preceding 2 months	Month 8	\$250,000.00	\$25,000.00	\$225,000.00
9.5	Environment Management Report - Month 10	Summary of SDLC Environment Management activities in the preceding 2 months	Month 10	\$250,000.00	\$25,000.00	\$225,000.00
9.6	Environment Management Report - Month 12	Summary of SDLC Environment Management activities in the preceding 2 months	Month 12	\$135,000.00	\$13,500.00	\$121,500.00
9.7	Environment Management Report - Month 14	Summary of SDLC Environment Management activities in the preceding 2 months	Month 14	\$125,000.00	\$12,500.00	\$112,500.00
9.8	Environment Management Report - Month 15	Summary of SDLC Environment Management activities in the preceding 2 months	Month 15	\$75,000.00	\$7,500.00	\$67,500.00
10	Vision Prototypes	Summary of all conceptual prototypes created in Vision Phase	Month 2	\$375,000.00	\$37,500.00	\$337,500.00
11	Security Extensions Summary	Monthly Summary of Security Extension Activities and Accomplishments				
11.1	Security Extensions Summary - Month 1	Monthly Summary of Security Extension Activities and Accomplishments	Month 1	\$300,000.00	\$30,000.00	\$270,000.00
11.2	Security Extensions Summary - Month 2	Monthly Summary of Security Extension Activities and Accomplishments	Month 2	\$275,000.00	\$27,500.00	\$247,500.00
11.3	Security Extensions Summary - Month 3	Monthly Summary of Security Extension Activities and Accomplishments	Month 3	\$275,000.00	\$27,500.00	\$247,500.00
11.4	Security Extensions Summary - Month 4	Monthly Summary of Security Extension Activities and Accomplishments	Month 4	\$275,000.00	\$27,500.00	\$247,500.00
11.5	Security Extensions	Monthly Summary of Security Extension	Month 5	\$275,000.00	\$27,500.00	\$247,500.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
	Summary - Month 5	Activities and Accomplishments				
11.6	Security Extensions Summary - Month 6	Monthly Summary of Security Extension Activities and Accomplishments	Month 6	\$275,000.00	\$27,500.00	\$247,500.00
11.7	Security Extensions Summary - Month 7	Monthly Summary of Security Extension Activities and Accomplishments	Month 7	\$275,000.00	\$27,500.00	\$247,500.00
11.8	Security Extensions Summary - Month 8	Monthly Summary of Security Extension Activities and Accomplishments	Month 8	\$275,000.00	\$27,500.00	\$247,500.00
11.9	Security Extensions Summary - Month 9	Monthly Summary of Security Extension Activities and Accomplishments	Month 9	\$275,000.00	\$27,500.00	\$247,500.00
11.10	Security Extensions Summary - Month 10	Monthly Summary of Security Extension Activities and Accomplishments	Month 10	\$275,000.00	\$27,500.00	\$247,500.00
11.11	Security Extensions Summary - Month 11	Monthly Summary of Security Extension Activities and Accomplishments	Month 11	\$275,000.00	\$27,500.00	\$247,500.00
11.12	Security Extensions Summary - Month 12	Monthly Summary of Security Extension Activities and Accomplishments	Month 12	\$250,000.00	\$25,000.00	\$225,000.00
11.13	Security Extensions Summary - Month 13	Monthly Summary of Security Extension Activities and Accomplishments	Month 13	\$250,000.00	\$25,000.00	\$225,000.00
11.14	Security Extensions Summary - Month 14	Monthly Summary of Security Extension Activities and Accomplishments	Month 14	\$150,000.00	\$15,000.00	\$135,000.00
11.15	Security Extensions Summary - Month 15	Monthly Summary of Security Extension Activities and Accomplishments	Month 15	\$75,000.00	\$7,500.00	\$67,500.00
12	Release 20.A Transition Report	Summary Report of output from testing	Month 3	\$475,000.00	\$47,500.00	\$427,500.00
13	Release 20.A Production Report	Summary Report of output from production	Month 4	\$650,000.00	\$65,000.00	\$585,000.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
14	GCM Bridge Elaboration Summary	Summary of Elaboration deliverables for GCM Bridge	As per PWP	\$650,000.00	\$65,000.00	\$585,000.00
15	GCM Bridge TDD Summary	Summary of TDD deliverables for GCM Bridge	As per PWP	\$500,000.00	\$50,000.00	\$450,000.00
16	Prior Phase AMP processes to GCM Elaboration Summary	Summary of Elaboration deliverables for Prior phase AMP processes to GCM	As per PWP	\$650,000.00	\$65,000.00	\$585,000.00
17	Prior Phase AMP processes to GCM TDD Summary	Summary of TDD deliverables for prior phase AMP processes to GCM	As per PWP	\$500,000.00	\$50,000.00	\$450,000.00
18	Data Interfaces Elaboration Summary	Summary of Elaboration deliverables for Data Interfaces	As per PWP	\$450,000.00	\$45,000.00	\$405,000.00
19	Data Interfaces TDD Summary	Summary of TDD deliverables for Data Interfaces	As per PWP	\$450,000.00	\$45,000.00	\$405,000.00
20	20.B Transition Phase Summary Report	Summary of output from testing activities for Release 20.B	As per PWP	\$875,000.00	\$87,500.00	\$787,500.00
21	20.B Production Phase Summary Report	Summary of output from Production Support activities for Release 20.B	As per PWP	\$650,000.00	\$65,000.00	\$585,000.00
22	Cloud Deployment Design Document	Summary of Elaboration deliverables for migration	As per PWP	\$500,000.00	\$50,000.00	\$450,000.00
23	Release 20.C Transition Phase Summary Report	Summary of output from testing activities for Release 20.C	As per PWP	\$500,000.00	\$50,000.00	\$450,000.00
24	Release 20.C Transition Report	Summary report of Release 20.C	As per PWP	\$500,000.00	\$50,000.00	\$450,000.00
25	Correspondence Elaboration Summary	Summary of Elaboration deliverables for Correspondence.	As per PWP	\$300,000.00	\$30,000.00	\$270,000.00
26	Correspondence TDD Summary	Summary of TDD deliverables for Correspondence.	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00
27	PC Elaboration Summary	Summary of Elaboration deliverables for Parcel Change	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
28	PC TDD Summary	Summary of TDD deliverables for Parcel Construction	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
29	Transfer Elaboration Summary	Summary of Elaboration deliverables for Transfers	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
30	Transfer TDD Summary	Summary of TDD deliverables for Transfers	As per PWP	\$450,000.00	\$45,000.00	\$405,000.00
31	DIV Elaboration Summary	Summary of Elaboration deliverables for DIV	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
32	DIV TDD Summary	Summary of TDD deliverables for DIV	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
33	Major Exemptions Elaboration Summary	Summary of Elaboration deliverables for Major Exemptions	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
34	Major Exemptions TDD Summary	Summary of TDD deliverables for Major Exemptions	As per PWP	\$250,000.00	\$25,000.00	\$225,000.00
35	Assessment Appeals Elaboration Summary	Summary of Elaboration deliverables for Assessment Appeals	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
36	Assessment Appeals TDD Summary	Summary of TDD deliverables for Assessment Appeals	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00
37	PI Elaboration Summary	Summary of Elaboration deliverables for PI	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
38	PI TDD Summary	Summary of TDD deliverables for PI	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00
39	Cross Reference Elaboration Summary	Summary of Elaboration deliverables for Cross Reference	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
40	Cross Reference TDD Summary	Summary of TDD deliverables for Cross Reference	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
41	<del>WIP Elaboration Summary</del>	<del>Summary of Elaboration deliverables for WIP</del>	As per PWP	Removed in AMP Phase IV CO 02		
42	<del>WIP TDD Summary</del>	<del>Summary of TDD deliverables for WIP</del>	As per PWP	Removed in AMP Phase IV CO 02		
43	<del>Marine/Aircraft/Leasing Elaboration Summary</del>	<del>Summary of Elaboration deliverables for Marine, Aircraft, and Leasing</del>	As per PWP	Removed in AMP Phase IV CO 02		
44	<del>Marine/Aircraft/Leasing TDD Summary</del>	<del>Summary of TDD deliverables for Marine, Aircraft, and Leasing</del>	As per PWP	Removed in AMP Phase IV CO 02		

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
45	<del>Field Book Elaboration Summary</del>	<del>Summary of Elaboration deliverables for Field Books</del>	As per PWP	Removed in AMP Phase IV CO 02		
46	<del>Field Book TDD Summary</del>	<del>Summary of TDD deliverables for Field Books</del>	As per PWP	Removed in AMP Phase IV CO 02		
47	<del>SDR/eFile Elaboration Summary</del>	<del>Summary of Elaboration deliverables for SDR and eFile</del>	As per PWP	Removed in AMP Phase IV CO 02		
48	<del>SDR/eFile TDD Summary</del>	<del>Summary of TDD deliverables for SDR and eFile</del>	As per PWP	Removed in AMP Phase IV CO 02		
49	AC Transactions Elaboration Summary	Summary of Elaboration deliverables for AC and TTC	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
50	AC Transactions TDD Summary	Summary of TDD deliverables for AC and TTC	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00
51	<del>Audit Pool Elaboration Summary</del>	<del>Summary of Elaboration deliverables for Audit Pooling</del>	As per PWP	Removed in AMP Phase IV CO 02		
52	<del>Audit Pool Transactions TDD Summary</del>	<del>Summary of TDD deliverables for Audit Pooling</del>	As per PWP	Removed in AMP Phase IV CO 02		
53	Miscellaneous Legacy System Elaboration Summary	Summary of Elaboration deliverables for Miscellaneous Legacy Systems	As per PWP	\$200,000.00	\$20,000.00	\$180,000.00
54	Miscellaneous Legacy System TDD Summary	Summary of TDD deliverables for Miscellaneous Legacy Systems	As per PWP	\$450,000.00	\$45,000.00	\$405,000.00
55	Roll Support Extensions Elaboration Summary	Summary of Elaboration deliverables for Roll Support Extensions	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
56	Roll Support Extensions TDD Summary	Summary of TDD deliverables for Roll Support Extensions	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00
57	<del>Split Roll Elaboration Summary</del>	<del>Summary of Elaboration deliverables for Split Roll</del>	As per PWP	Removed from scope		
58	<del>Split Roll TDD Summary</del>	<del>Summary of TDD deliverables for Split Roll</del>	As per PWP	Removed from scope		
59	Projected Roll Elaboration Summary	Summary of Elaboration deliverables for Projected Roll	As per PWP	\$250,000.00	\$25,000.00	\$225,000.00



#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
60	Projected Roll TDD Summary	Summary of TDD deliverables for Projected Roll	As per PWP	\$250,000.00	\$25,000.00	\$225,000.00
61	Roll Information Products Elaboration Summary	Summary of Elaboration deliverables for Roll Information Products	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
62	Roll Information Products TDD Summary	Summary of TDD deliverables for Roll Information Products	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00
63	Roll Exceptions Elaboration Summary	Summary of Elaboration deliverables for Roll Exceptions	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
64	Roll Exception TDD Summary	Summary of TDD deliverables for Roll Exceptions Products	As per PWP	\$202,822.00	\$20,282.20	\$182,539.80
65	ME Elaboration Summary	Summary of Elaboration deliverables for Miscellaneous Extensions	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00
66	ME TDD Summary	Summary of TDD deliverables for Miscellaneous Extensions	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00
67	<del>Rel 21.A Transition Report</del>	<del>Summary of output from Testing Activities for Release 21.A</del>	As per PWP	Removed		
68	<del>Rel 21.A Production Report</del>	<del>Summary of output from Production Support Activities for Release 21.A</del>	As per PWP	Removed		
69	Project Closeout Report	Report of project closeout activities	As per PWP	\$450,000.00	\$45,000.00	\$405,000.00
70	GCM Bridge Work Unit Elaboration Summary	Summary of Elaboration deliverables for GCM Bridge Work Unit	As per PWP	\$300,000.00	\$30,000.00	\$270,000.00
71	GCM Bridge Work Unit TDD Summary	Summary of TDD deliverables for GCM Bridge Work Unit	As per PWP	\$300,000.00	\$30,000.00	\$270,000.00
72	R&D Elaboration Summary	Summary of Elaboration deliverables for R&D	As per PWP	\$300,000.00	\$30,000.00	\$270,000.00
73	R&D TDD Summary	Summary of TDD deliverables for R&D	As per PWP	\$200,000.00	\$20,000.00	\$180,000.00
74	Conditional Routing Elaboration Summary	Summary of Elaboration deliverables for Conditional Routing t	As per PWP	\$300,000.00	\$30,000.00	\$270,000.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
75	Conditional Routing TDD Summary	Summary of TDD deliverables for Conditional Routing	As per PWP	\$300,000.00	\$30,000.00	\$270,000.00
76	Rel 21 A - Extended Scope Development and Sprint Release - October 2021	Release 21 A - Extended Scope Development and Sprint Release - October 2021	As per PWP	\$902,586.00	\$90,258.60	\$812,327.40
77	Rel 22.A - Extended Scope Development and Sprint Release - November 2021	Release 22.A - Extended Scope Development and Sprint Release - November 2021	As per PWP	\$975,000.00	\$97,500.00	\$877,500.00
78	Rel 22.A - Extended Scope Development and Sprint Release - December 2021	Release 22.A - Extended Scope Development and Sprint Release - December 2021	As per PWP	\$975,000.00	\$97,500.00	\$877,500.00
79	Rel 22.A - Extended Scope Development and Sprint Release - January 2022	Release 22.A - Extended Scope Development and Sprint Release - January 2022	As per PWP	\$975,000.00	\$97,500.00	\$877,500.00
80	Rel 22.A - Extended Scope Development and Sprint Release - February 2022	Release 22.A - Extended Scope Development and Sprint Release - February 2022	As per PWP	\$975,000.00	\$97,500.00	\$877,500.00
81	Rel 22.A - Extended Scope Development and Sprint Release - March 2022	Release 22.A - Extended Scope Development and Sprint Release - March 2022	As per PWP	\$975,000.00	\$97,500.00	\$877,500.00
82	Rel 22.A - Extended Scope Development and Sprint Release - April 2022	Release 22.A - Extended Scope Development and Sprint Release - April 2022	As per PWP	\$875,000.00	\$87,500.00	\$787,500.00
83	Rel 22.A - Patch Set Scope Development and Sprint Release - May 2022	Release 22.A - Patch Set Scope Development and Sprint Release - May 2022	As per PWP	\$550,000.00	\$55,000.00	\$495,000.00

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% hold back	Deliverable value
84	Rel 22.A - Patch Set Scope Development and Sprint Release - June 2022	Release 22.A - Patch Set Scope Development and Sprint Release - June 2022	As per PWP	\$300,000.00	\$30,000.00	\$270,000.00
85	Rel 22.A - Patch Set Scope Development and Sprint Release - July 2022	Release 22.A - Patch Set Scope Development and Sprint Release - July 2022	As per PWP	\$200,000.00	\$20,000.00	\$180,000.00
86	CAMA Elaboration - Gate 6 Complete	CAMA Elaboration - Gate 6 Complete	As per PWP	\$250,000.00	\$25,000.00	225,000.00
87	CAMA (22.A Release) TDD	CAMA (22.A Release) TDD	As per PWP	\$750,000.00	\$75,000.00	\$675,000.00
88	Prop 19 Elaboration - Gate 6 Complete	Prop 19 Elaboration - Gate 6 Complete	As per PWP	\$375,000.00	\$37,500.00	\$337,500.00
89	Prop 19 - (22.A Release) TDD	Prop 19 - (22.A Release) TDD	As per PWP	\$250,000.00	\$25,000.00	\$225,000.00
90	Rel 21.A/22.A and PS Cutover Plan Update	Release 21.A/22.A and PS Cutover Plan Update	As per PWP	\$350,000.00	\$35,000.00	\$315,000.00
91	Rel 21.A/22.A Transition Summary Report	Release 21.A/22.A Transition Summary Report	As per PWP	\$975,000.00	\$97,500.00	\$877,500.00
92	Rel 22.A PS Transition Report	Release 22.A PS Transition Report	As per PWP	\$200,000.00	\$20,000.00	\$180,000.00
93	Rel 21.A/22.A/PS Production Summary Report	Release 21.A/22.A/PS Production Summary Report	As per PWP	\$674,892.00	\$67,489.20	\$607,402.80
94	20C PS1 - Transition Summary Report	20C PS1 - Transition Summary Report	As per PWP	\$250,000.00	\$25,000.00	\$225,000.00
95	20C PS1 - Production Summary Report	20C PS1 - Production Summary Report	As per PWP	\$150,000.00	\$15,000.00	\$135,000.00

**H. The Statement of Work is amended by adding the text below in Section 5 Operations and Maintenance :**

**Execute O&M – COVID Extension**

Provide up to eleven hundred (1,100) Person Days to assist with activities related to extending O&M activities associated with Your AMP environment. Work will be performed within the period no later than end of September 2022.

Provide a monthly status report regarding activities performed under O&M.

Table 73: Deliverables for O&M Activities

Deliverable#	Deliverable Name	Deliverable Description	Estimated Month
OM24 -33	Monthly O&M Summary Report	Covers O&M activities for the above services	As per PWP

**I. The AMP Phase IV contract – Exhibit A - Statement of Work is amended by adding the text and Table 76 in Section 6.B of the Statement of Work with the revised text and Table 76B below:**

**B. Fees and Expenses: Production Operations and Maintenance (O&M), Environment and Release Management Support (E&RM) and COVID Extension O&M**

You agree to pay Oracle a fee of five million three hundred and thirty four thousand and five hundred and seventy two dollars (\$5,534,572.00) for Services and deliverables described in Section 6 of this SOW. This fee includes travel and out of pocket expenses. This fee does not include taxes. The provisions of Section 7.5, Holdbacks, of the Agreement shall not apply to the fees below for O&M and E&RM. Upon completion of a milestone the corresponding milestone fee specified below becomes due and payable and Oracle shall thereafter invoice, and You shall pay, such milestone fee; this payment obligation shall become non-cancelable and the sum paid nonrefundable on Your acceptance date. A milestone is completed once all the deliverable(s) under such milestone are accepted, or deemed accepted, in accordance with Paragraph 5.1 (Acceptance) of the Agreement.

As of the Effective Date of the Agreement, the below delivery dates are estimated dates and are intended for planning purposes only. As such Oracle does not guarantee that these dates will be met and failure to meet such estimated dates shall not, in and of itself, constitute a breach of contract. Oracle will, however, use commercially reasonable efforts to meet the estimated dates.

Notwithstanding the foregoing, the PWP shall set forth mutually agreed upon dates for the below deliverables. Upon acceptance by You of the Project Workplan, such dates shall no longer be deemed to be estimates. Any changes to the PWP will be reviewed and agreed upon jointly by the Assessor and Oracle Project Managers and recorded in the weekly status reports.

Table 76B: O&M COVID Ext Fees Table

#	Deliverable Name	Deliverable Description	Expected Delivery Month	Value	10% holdback	Deliverable value
OM24	O&M Summary Report Month 24	The report covers O&M activities provided in that month	Month 24	\$143,629.00	\$0.00	\$143,629.00
OM25	O&M Summary Report Month 25	The report covers O&M activities provided in that month	Month 25	\$143,629.00	\$0.00	\$143,629.00
OM26	O&M Summary Report Month 26	The report covers O&M activities provided in that month	Month 26	\$143,629.00	\$0.00	\$143,629.00
OM27	O&M Summary Report Month 27	The report covers O&M activities provided in that month	Month 27	\$143,629.00	\$0.00	\$143,629.00
OM28	O&M Summary Report Month 28	The report covers O&M activities provided in that month	Month 28	\$143,629.00	\$0.00	\$143,629.00
OM29	O&M Summary Report Month 29	The report covers O&M activities provided in that month	Month 29	\$143,629.00	\$0.00	\$143,629.00
OM30	O&M Summary Report Month 30	The report covers O&M activities provided in that month	Month 30	\$143,629.00	\$0.00	\$143,629.00
OM31	O&M Summary Report Month 31	The report covers O&M activities provided in that month	Month 31	\$143,629.00	\$0.00	\$143,629.00
OM32	O&M Summary Report Month 32	The report covers O&M activities provided in that month	Month 32	\$143,629.00	\$0.00	\$143,629.00
OM33	O&M Summary Report Month 33	The report covers O&M activities provided in that month	Month 33	\$66,411.00	\$0.00	\$66,411.00

**J. The AMP Phase IV contract – Exhibit A - Statement of Work is amended by replacing Section 7.B with the following :**

## Base Financial Estimate

The services specified above are provided on a time and materials ("T&M") basis; that is, You shall pay Oracle for all of the time spent performing such services, plus materials, and taxes.

For a period of one year from the Effective Date of the Agreement, the services will be provided at the rates set forth below.

Table 77: AMP Phase IV T&M Rates

	Rate / hour offsite	Rate / hour onsite
<b>Onshore Resources</b>		
9 - Sr. Practice/Tech Director	\$253.99	\$303.99
8 - Practice/Tech Director	\$233.19	\$283.19
7 - Practice/Tech Manager	\$205.24	\$255.24
6T - Senior Principal Consultant	\$192.24	\$242.24
5 - Principal Consultant	\$172.74	\$222.74
4 - Senior Consultant	\$146.74	\$196.74
3 - Staff Consultant	\$131.14	\$181.14
2 - Associate Consultant	\$112.13	\$162.13
<b>Global Resources</b>		
9 - Senior Practice Director Remote	\$132.03	
8 - Senior Technical Director Remote	\$123.91	
7 - Technical Manager Remote	\$90.84	
6 - Senior Principal Remote	\$71.09	
5 - Principal Remote	\$52.16	
4 - Senior Remote	\$39.73	
3 - Staff Remote	\$34.61	
2 - Assoc. Remote	\$28.68	

All fees and expenses will be invoiced monthly. The fee estimate for labor and expenses performed under this Statement of Work is one million dollars (\$1,000,000.00). These estimates and any other estimates related to this SOW are intended only to be for Your budgeting and Oracle's resource scheduling purposes; these estimates do not include taxes. The provisions of Section 7.5 Holdbacks shall not apply to this service. Oracle will invoice You for actual time spent performing the services, as contained out in the applicable Summary Report, once accepted in accordance with the Agreement, plus materials, and taxes; such invoice may exceed the total estimated amount documented above. Once fees for services reach the estimate, Oracle will cooperate with You to provide continuing services on a T&M basis.

These rates include travel expenses and mobility costs if applicable – please refer to the table above.

This quote is valid through November 18, 2021 and shall become binding upon execution by LAC Assessor and acceptance by Oracle.

**K. The AMP Phase IV contract – Exhibit I – County Security Information Security Policy is amended by replacing the original AMP Phase IV contract Exhibit I with the following :**

**COUNTY'S INFORMATION SECURITY POLICY**

**EXHIBIT I**

**INFORMATION SECURITY POLICY**

This Exhibit sets forth information security procedures to be established and maintained throughout the Term of the Agreement. These procedures are part of the Agreement between the Parties. Unless specifically defined in this Exhibit, capitalized terms shall have the meanings set forth in the Agreement.

1. **Security Policy.** Contractor shall establish and maintain a formal, documented, mandated, company-wide information security program, including security policies, standards and procedures (collectively "**Information Security Policy**"). The Information Security Policy will be communicated to all Contractor Personnel and subcontractors in a relevant, accessible, and understandable form and will be regularly reviewed and evaluated to ensure its operational effectiveness, compliance with all applicable laws and regulations, and to address new threats and risks.
2. **Confidentiality.** Confidentiality and the handling of Confidential Information and Personal Data are addressed in Paragraph 12.0 of the Agreement.
3. **Subcontractors.** Confidentiality agreements for subcontractors are addressed in Sub-paragraph 8.8 of the Agreement.
4. **Contractor's Use of County Information.** The Contractor may use County Data only in accordance with the requirements of the Agreement. The Contractor shall collect, maintain, or use County Data only in accordance with the provisions of the Agreement, including without limitation Sections 12 and 16 of the Agreement.
5. **Removable Media.** Except in the context of Contractor's routine back-ups or as otherwise specifically authorized by County in writing, Contractor shall institute strict physical, logical, or administrative security controls designed to prevent transfer of Personally Identifiable Information to any form of unencrypted Removable Media. For purposes of this Exhibit, "Removable Media" means

portable or removable hard disks, floppy disks, USB memory drives, zip disks, optical disks, CDs, DVDs, digital film, digital cameras, memory cards (e.g., Secure Digital (SD), Memory Sticks (MS), CompactFlash (CF), SmartMedia (SM), MultiMediaCard (MMC), and xD-Picture Card (xD)), magnetic tape, and all other removable data storage media.

6. **Data Encryption.** The Contractor will encrypt County Data transmitted on networks outside of the Contractor's control with Transport Layer Security (TLS) or Internet Protocol Security (IPSec), at a minimum cipher strength of 128 bit or an equivalent secure transmission protocol.

7. **Access Control.** Contractor shall implement formal procedures to control access to its systems, services, and data, including, but not limited to, user account management procedures and the following controls:

- a. As applicable network access to both internal and external networked services shall be controlled, including, but not limited to, the use of properly configured firewalls;
- b. As applicable operating systems will be used to enforce access controls to computer resources including, but not limited to, authentication, authorization, and event logging;
- c. As applicable Oracle applications will include access control to limit user access to information and application system functions; and
- d. As applicable Contractor systems will be monitored to detect deviation from access control policies and identify suspicious activity. Contractor shall record, review and act upon all events in accordance with the Security and Privacy Incidents provision set forth below.

## 9. Audits

County may audit Contractor's compliance with the terms of this Policy up to once per year. If a third party is to conduct the audit, the third party must be mutually agreed to by County and Contractor and must execute a written confidentiality agreement acceptable to Contractor before conducting the audit. To request an audit, County must submit a detailed audit plan at least two weeks in advance of the proposed audit date to Contractor's Corporation's Global Information Security organization ("GIS") describing the proposed scope, duration, and start date of the audit. Contractor will review the audit plan and provide County with any concerns or questions (for example, any request for information that could compromise



Contractor security, privacy, employment or other relevant policies). Contractor will work cooperatively with County to agree on a final audit plan. If the requested audit scope is addressed in a SOC 1 or SOC 2 Type 2, ISO, NIST, PCI DSS, or similar audit report performed by a qualified third party auditor within the prior twelve months and Contractor confirms there are no known material changes in the controls audited, County agrees to accept those findings in lieu of requesting an audit of the controls covered by the report. The audit must be conducted during regular business hours at the applicable facility, subject to Contractor policies, and may not unreasonably interfere with Contractor business activities.

County will provide GIS any audit reports generated in connection with any audit under this section, unless prohibited by law. County may use the audit reports only for the purposes of meeting its regulatory audit requirements **and/or** confirming compliance with the requirements of the Agreement. The audit reports are Confidential Information of the parties under the terms of the Agreement.

Any audits are at County's expense. Any request for Contractor to provide assistance with an audit is considered a separate service if such audit assistance requires the use of resources different from or in addition to those required for the provision of the services. Contractor will seek the County's written approval and agreement to pay any related fees before performing such audit assistance.

## **10. Security and Privacy Incidents**

In the event of a Personal Information Breach (as defined in the Data Processing Agreement), the Contractor shall:

Promptly notify the County's Chief Information Security Officer, the Departmental Information Security Officer, and the County's Chief Privacy Officer of any Incidents involving County Information, as provided in the Data Processing Agreement. All notifications shall be submitted via email and/or telephone.

**County Chief Information Security Officer and Chief Privacy Officer email**

[CISO-CPO\\_Notify@lacounty.gov](mailto:CISO-CPO_Notify@lacounty.gov)

**Chief Information Security Officer:**

Ralph Johnson

Chief Information Security Officer

320 W Temple, 7<sup>th</sup> Floor

Los Angeles, CA 90012

(213) 253-5600

**Chief Privacy Officer:**

Lillian Russell

lrussell@ceo.lacounty.gov

Chief Privacy Officer

320 W Temple, 7<sup>th</sup> Floor

Los Angeles, CA 90012

(213) 351-5363

**Departmental Information Security Officer:**

Vince Diep

[vdiep@assessorl.lacounty.gov](mailto:vdiep@assessorl.lacounty.gov)

Departmental Information Security Officer

500 W. Temple, 3<sup>rd</sup> Floor

Los Angeles, CA 90012

(213) 974-3273

Contractor will cooperate with County by providing:

- A summary of the relevant facts, including a description of measures being taken to respond to and remediate the Incident, and any planned corrective actions as they are identified in accordance with Oracle's Data Processing Agreement.
- Continued commercially reasonable assistance and cooperation with the County until the Incident has been resolved and closed.

**11. Software Source Code**

To facilitate the centralized management, reporting, collaboration, and continuity of access, a copy of the most current production version of software source code for the AMP Application shall be version controlled, stored, and made available to the Contractor via a single industry-standard private GitLab repository, provided, managed, and supported by the County. Upon commencement of the contract period, the Contractor will be granted access to the County's private GitLab repository. Contractor shall make available to the County a current copy of all code artifacts constituting Joint IP under this Agreement via the County's private GitLab repository.

– FIRM FIXED PRICE USE OF FUNDS INSTRUCTION



**AMSS Exhibit A: Increase in Functionality for LACA AMSS – Change Order 01**

Customer name: Los Angeles County Assessor Date Raised: Date Resolution Required: November 14, 2021. Functional Area: Business Services Group Project Number: FP: 400157406 Ordering Document Number: Agreement dated May 27, 2021 Priority: (Check one) <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	Customer Request? (Check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Requested by (Customer): Kevin Lechner Prepared by (Oracle): Joel Steadley / Roger Wagstaff
Status (check one): <input type="checkbox"/> Under Oracle Review <input type="checkbox"/> Under Customer Review <input type="checkbox"/> Reviewed	
<u>Reason for Instruction:</u> This change order accomplishes the following items: <ol style="list-style-type: none"> <li>1. Consolidates the management of the LACA AMP Phase IV Software Development Life Cycle ("SDLC") environments into AMSS</li> <li>2. Migrates the AMP Phase IV DevOps Delivery (Component B) functions from December 1, 2021 to the AMSS contract to support AMP.</li> <li>3. Achieves a cost reduction for management of the SDLC environments and providing of the activities defined in the AMP Phase IV DevOps Delivery (Component B).</li> </ol>	
<u>Investigation and Findings:</u> This Change Order modifies the AMSS agreement in the following manner: Change Section 7.0 Agreement Sum Subsection 7.4 to read "You agree to pay Oracle the fee of \$8,880,000.00 for the AMS Services and Deliverables for the Base Period described in this Exhibit A. If the parties mutually agree to extend AMS Services for the First Renewal Year as provided in Section II.C.4, You agree to pay Oracle the fee of \$3,337,200.00 for the AMS Services and Deliverables for the First Renewal Year described in this Exhibit A. If the parties mutually agree to extend AMS Services for the Second Renewal Year as provided in Section II.C.4, You agree to pay Oracle the fee of \$3,437,316.00 for the AMS Services and Deliverables for the Second Renewal Year described in this Exhibit A."  <u>This Change Order modifies Exhibit A, Statement of Work, to the Agreement, as amended by any Change Orders thereto (the "Statement of Work") as follows:</u> A. Replace the original Exhibit A and Appendices with the attached Exhibit A and Appendices	
<u>Details of Instruction:</u> Scope of Work - See Appendix 1 hereto. Obligations / Assumptions: See Appendix 1 hereto. Statement of Changes - See Appendix 1 hereto.	

Impact of Instruction:

Impact on Detailed Implementation Plan (including timescales where applicable): None.

Impact on Services: Expand the existing AMSS agreement to include SDLC environments and the Application DevOps Management Services, as defined in Appendix 1.

Financial Impact? ☒ Yes ☐ No ☐ None at this point.

If Yes, estimated Financial impact: There is an increase commencing on December 1, 2021 of \$3,480,000.00 for the AMS Services and Deliverables for the Base Period, described in Appendix 1 (Exhibit A). If the parties mutually agree to extend AMS Services for the First Renewal Year there is an increase of \$1,483,200.00 for the AMS Services and Deliverables for the First Renewal Year described in this Exhibit A. If the parties mutually agree to extend AMS Services for the Second Renewal Year as provided in Section II.C.4, there is an increase of \$1,527,696.00 for the AMS Services and Deliverables for the Second Renewal Year described in this Exhibit A.

**County of Los Angeles**

**Oracle America, Inc.**

Authorized Signature: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Name: Steve Hernandez

Name:

Title: Assistant Assessor

Title:

Date: November 16<sup>th</sup>, 2021

Date:

Change Order 01 Effective Date: November 16<sup>th</sup>, 2021



Oracle America, Inc.

**STATEMENT OF WORK**  
Application Management Support Services

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## **EXHIBIT A**

### **STATEMENT OF WORK**

Agreement: This Statement of Work ("**Statement of Work**" or "**SOW**") incorporates by reference the terms of the Agreement (as has been or may be further amended from time to time, the "**Agreement**") between Oracle America, Inc. and the County of Los Angeles ("**LAC**", "**LA County**", "**You**", or "**Your**") dated 27-MAY-2021. All reference to "**Oracle**" in the Agreement and this Statement of Work shall mean Oracle America, Inc.

Department: Los Angeles County Office of the Assessor ("**LAC Assessor**", "**Assessor**" or "**LACA**")

Department Project Manager: Kevin Lechner

Date: 16-NOV-2021

✓ <b><u>Application Management Support Services</u></b>
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### **STATEMENT OF WORK (SOW) - MANAGEMENT SUMMARY AND BUSINESS OBJECTIVE**

The primary objective of this Application Management Support Services (AMSS) Statement of Work is to describe the tasks for AMSS (as defined below) for the AMP application (as defined below).

## **I. Provide Application Management Support Services**

Oracle's scope of services under this SOW include the Services and Deliverables described in this Section. **Exhibit A** includes Definitions, Description of Services, Assumptions and Obligations for the AMSS agreement.

### **A. Definitions**

Within this **Exhibit A**, the following definitions shall apply:

1. "AMP" means Your Assessor Modernization Project, a five (5) phase agile development project to replace the Los Angeles County Assessor's legacy systems.
2. "AMP application" means the software components and associated infrastructure developed as part of AMP.
3. "AMP Contract" is that certain contract dated 29-OCT-2019 between You and Oracle for Assessor Modernization Project (Phase IV).

4. "AMS Services" or "Application Management Support Services" or "AMSS" are the services to be provided to You by Oracle pursuant to and as described in this **Exhibit A**.
5. "Application DevOps Management Services" are those AMS Services described in this **Section I** subsection F.1 relating to software maintenance in connection with the AMP application.
6. "AMP Overall Availability" is the percentage defined in the calculation below:  
$$\text{AMP Overall Availability} = ((\text{Business Hours} - \text{outage hours during Business Hours}) / \text{Business Hours}) \times 100\%.$$

For purposes of this calculation, "outage hours" means any time in which the AMP Production Environment is not available due to a Severity (Sev) 1 Incident
7. "AMP AMSS Availability" is the percentage defined in the calculation below. This calculation is used to determine the Service Level Credits that could be awarded to LACA.  
$$\text{AMP AMSS Availability} = ((\text{Business Hours} - (\text{outage hours during Business Hours} - \text{Adjustment to hours based upon exemptions listed in Section I.D.7})) / \text{Business Hours}) \times 100\%.$$

For purposes of the definition of AMP AMSS Availability, outage hours means time during which the AMP Production Environment is not available due to a Sev 1 Incident, subject to the following sentence. Should the RCA determine that remediation for the cause of the Sev 1 Incident is the responsibility of a team or organization other than the Oracle team providing AMS Services pursuant to this Exhibit (e.g., the Oracle teams providing services, products or product support under a separate contract, or the County or a third party engaged by the County), then the time during which the AMP Production Environment is unavailable due to the Incident shall not be included in outage hours for purposes of calculating AMP AMSS Availability.
8. "Business Hours" are the hours Los Angeles County Assessor ("LACA") staff is working from Monday to Saturday 6:00 a.m. to 6:00 p.m. (Pacific time zone).
9. "Configuration Management (CM)" is a systems development and maintenance discipline that promotes the proper identification of configuration items evaluation and control of changes to those items, and recording of the change implementation status.
10. "Critical Support Request" is a request initiated by the LACA Chief Information Officer ("CIO"), LACA Project Manager ("PM"), or the Service Delivery Manager ("SDM") for either LACA or Oracle to increase the severity of an Incident to Sev 1 Incident.
11. "Defect" means a failure of the AMP application to operate according to the defined requirements and specifications.
12. "Deliverable Specifications" are with respect to a Deliverable, the descriptions and requirements for such deliverable specified in this **Exhibit A**, including, if applicable, Appendix 3 hereto.
13. "Facilities Management Services" are those AMS Services described in this **Section I** provided to maintain the Supported Environments (as defined in **Section I.B.2 AMS Services Coverage** below). This includes the testing, provision, configuration, optimization, support and maintenance of the Supported Environments, including capacity planning.
14. "Incident" means a Ticket for any of the following reasons raised by LACA in accordance with **Appendix 1** to this **Exhibit A - Flow Chart of Incident Ticket Management**: (i) an

unplanned interruption to the AMP application or Supported Environments; (ii) reduction in the quality of the AMP application, or; (iii) the failure of the AMP application to operate in accordance with its specifications or other abnormal or unexpected operation of the AMP application.

15. "Incident Management Services" include those AMS Services, described in this **Section I**, to be provided for the resolution of Incidents raised regarding the AMP application or the Supported Environments.
16. "Inquiry" means a request for assistance, information or advice relating to the use of the AMP application, system, or infrastructure, or the interpretation of documentation for the AMP application that is not related to an Incident, service request, or Proactive Ticket.
17. "LACA Network" means any network, provided by LACA, which Oracle uses to access the AMP application or which requires the coordination or permission of LACA.
18. "Planned Maintenance Activities" are those regular activities required to maintain the AMP application and Supported Environments. The activities will occur during the Planned Maintenance Windows and will be agreed in writing by the LACA SDM or LACA PM and the Oracle SDM or Oracle Operations Manager ("OM").
19. "Planned Maintenance Windows" are between the hours between 6:30 p.m. and 5:30 a.m. (Pacific time zone) weekdays, 6:30 p.m. Saturday to 7:00 p.m. Sunday (Pacific time zone) for Production ("PROD") and Disaster Recovery ("DR") environments, and as otherwise agreed in writing between LACA and Oracle e.g. a Request for Change ("RFC").
20. "Proactive Ticket" is a Ticket raised by Oracle as part of AMS Services.
21. "Service Level Commitment" has the meaning given to such term in **Section I.D.2 – Service Level Commitments for AMS Services**.
22. "Service Level Credits" are credits available as LACA's sole remedy in the event a Service Level Commitment is not achieved. Service Level Credits are calculated as a percentage of the net fees paid by LACA for the month under review. The availability of Service Level Credits for any failure to achieve a Service Level Commitment is as set forth in **Section I.D. – Service Level Commitments for AMS Services**.
23. "Third Party Vendors" are companies that You or LACA do business with that provide software or infrastructure to support AMP.
24. "Ticket" means a requirement for action loaded in the Services Portal. A Ticket can be an Incident, an Inquiry, a service request or a Proactive Ticket.

## **B. AMS Services**

### **1. Overview**

This Section describes the Application Management Support Services ("AMS Services") to be provided by Oracle. The AMS Services performed by Oracle under this **Exhibit A** shall be for the purpose of providing the Deliverables listed in **Section I.I.** of this **Exhibit A**. Services herein comprise the following categories of service, in each case as further described in this subsection:

- a. Facilities Management Services;
- b. Application DevOps Management Services; and
- c. Incident Management Services.

## **2. AMS Services Coverage.**

The AMS Services are provided for the following AMP environments (collectively known as the “Supported Environments”). The Supported Environments are Your environments, hosted on Oracle Cloud Infrastructure (“OCI”) under separate agreements, maintained solely for the AMP application.

- a. The Production Support Test (“PSTST”), Production Support Development (“PSDEV”) and Training (“TRN”) environments are collectively referred to herein as the “Supported Production Support Environments”.
- b. The Stage (“STAGE”), Production (“PROD”) and Disaster Recovery (“DR”) environments are collectively referred to herein as the “Supported Production Environments”.
- c. The Development Environment (“ADEV”), Development Environment 2 (“ADEV2”), Development Integration Test Environment 1 (“ATE1”), System Integration Test Environment 1 (“ATE2”), Development Integration Test Environment 2 (“ATE3”), System Integration Test Environment 2 (“ATE4”), and Stage Environment 2 (“STAGE2”) are collectively referred to herein as the “Supported Software Development Life Cycle (“SDLC”) Environments”.

## **3. Period of Services Coverage.**

The AMS Services will be provided by Oracle within the following hour/day per week coverage time periods:

- a. 24/7 automated monitoring of the AMP application, system and infrastructure for the Supported Environments.
- b. 24/7 operation of the AMSS Service Desk.

## **4. Incident Ticket Resolution Activity.**

- a. 24/7 resolution activity for Sev 1 Tickets.
- b. 12/7 resolution activity for Sev 2 Tickets.
- c. 12/5 resolution activity for Sev 3 and Sev 4 Tickets. AMS Services to be provided on County business days (i.e., Monday to Friday, except for LACA holidays), 6:00 a.m. to 6:00 p.m. (Pacific time zone).

## **5. Non-incident Ticket Resolution Activity.**

- a. Resolution activity will occur during approved maintenance windows, as mutually agreed.

## **6. Planned Maintenance Window Hours.**

The PROD and DR Environments Planned Maintenance Windows are:

- a. Week days – 6:30 p.m. to 5:30 a.m. Pacific time zone.
- b. Weekends – 6:30 p.m. Pacific time zone on Saturday to 7:00 p.m. Pacific time zone on Sunday.
- c. As otherwise agreed in writing between LACA and Oracle, e.g. pursuant to a Request for Change (“RFC”).

The STAGE, Supported SDLC Environments and Supported Production Support Environments will be eligible for maintenance windows based upon mutual agreement.

## C. Roles and Responsibilities.

The roles and responsibilities in the execution of AMS Services are shown below. To assist in resource planning only, **Appendix 2 to this Exhibit A – Initial Responsible Accountable Consulted Informed (“RACI”) Chart** for AMS Services has been included for reference. Such Appendix does not define or modify obligations of either party under this **Section I**.

Table 1: Roles and Responsibilities for AMS Services

Role	Responsibilities
LACA Project Manager (LACA PM)	<ol style="list-style-type: none"> <li>1. Act as overseeing authority from LACA to approve the Deliverables, Service Level Commitments, and work provided by Oracle.</li> <li>2. Review and provide a recommendation on any change management request.</li> <li>3. Serve as primary point of contact between Oracle SDM, LACA SDM and PMO/ Change Advisory Board team, for escalation matters and change management (e.g. RFC) processes.</li> <li>4. Coordinate with Oracle AMSS Program Director (“PD”) and SDM and LACA SDM, as needed.</li> </ol>
LACA Information Technology Branch (“ITB”) Help Desk Support Lead	<ol style="list-style-type: none"> <li>1. Lead the ITB staff to conduct Infrastructure Technology Service Management (“ITSM”) Tier 1 triaging and basic troubleshooting of Tickets from LACA created in LACA’s Tier 1 incident management system (e.g. Cherwell). <b>See Appendix 1 to this Exhibit A – Flow Chart of Incident Ticket Management</b> for Tier structure.</li> <li>2. Review whether a Ticket belongs to environments within the scope of the AMS Services; and if it does, reroute/reassign it to AMS Services.</li> </ol>
Los Angeles County Internal Services Department (“ISD”) Tier 2 Lead	<ol style="list-style-type: none"> <li>1. Lead the ISD technical administration staff to supplement Oracle, to provide ITSM Tier 2 support on Infrastructure/Fusion Middleware/Database (“DB”) triage/troubleshooting for AMP system/application code that falls outside of AMS Services scope.</li> <li>2. Support triaging any ISD specific infrastructure/network issue.</li> <li>3. Coordinate with Oracle SDM, as needed.</li> </ol>
LACA Tier 2 Lead	<ol style="list-style-type: none"> <li>1. Lead the LACA ITB Development Operations (“DevOps”) technical administration staff to supplement Services, to provide ITSM Tier 2 support on Security/Infrastructure/DB triage/troubleshooting for AMP application code.</li> <li>2. Support triaging any LACA specific infrastructure/network issue.</li> <li>3. Coordinate with Oracle SDM, as needed.</li> </ol>
LACA ITB DevOps Product Support Development Team Lead	<ol style="list-style-type: none"> <li>1. Provide ITSM Tier 3 support to triage and fix AMP application code defects.</li> <li>2. Coordinate with Oracle SDM, as needed.</li> </ol>
LACA Service Delivery Manager (LACA SDM)	<ol style="list-style-type: none"> <li>1. Act as the first point of escalation for delivery of AMS Services.</li> <li>2. Coordinate with the Oracle SDM regarding execution of AMS Services.</li> <li>3. Monitor the execution of the AMS Services team and performance against Service Level Commitments.</li> </ol>
LACA Release (LACA RM)	<ol style="list-style-type: none"> <li>1. Coordinate with the Oracle AMS Services Release Manager and Configuration Manager (“Oracle RM”) for the promotion of AMP code.</li> <li>2. Coordinate with the Oracle SDM and Oracle RM for deployment cutover activities.</li> </ol>
LACA AMP application users	<ol style="list-style-type: none"> <li>1. Leverage self-service tools to conduct initial simple troubleshooting of</li> </ol>

Role	Responsibilities
	<p>an AMP issue.</p> <p>2. If unable to resolve, report issues using the procedures defined in <b>Section I.G - Incident Management Services</b>, below.</p>
Oracle AMSS Program Director	<p>1. Act as overseeing authority from Oracle regarding Deliverables, Service Level Commitments and other work to be provided to LACA.</p> <p>2. Review and provide a recommendation on any change management request.</p> <p>3. Serve as Oracle primary point of contact between Oracle SDM, LACA SDM and PMO/Change Advisory Board team, for escalation matters and change management (e.g. RFC) processes.</p> <p>4. Establish and maintain an active line of communication with the Oracle and LACA Executive Sponsors</p> <p>5. Coordinate with Oracle SDM, LACA SDM and LACA PM, as needed.</p>
Oracle Service Delivery Manager (Oracle SDM)	<p>1. Be accountable for the management of the AMS Services to LACA.</p> <p>2. Act as the single point of contact for LACA for AMS Services.</p> <p>3. Set priorities and provides direction to the Oracle team to achieve the Service Level Commitments set forth in <b>Section I.D. – Service Level Commitments for AMS Services</b>, of this <b>Exhibit A</b>.</p> <p>4. Review of any change management requests.</p>
Oracle Operations Manager (Oracle OM)	<p>1. Be responsible for management of the Oracle team in the execution of the defined tasks within the scope of AMS Services.</p> <p>2. Coordinate with the Oracle SDM to set priorities and manage the workload of the Oracle Services Consultants.</p> <p>3. Participate in each governance call together with the Oracle SDM and LACA PM and LACA SDM.</p> <p>4. Alternate reviewer for the Oracle SDM of any change management requests.</p>
Oracle Release & Configuration Manager (Oracle RM)	<p>1. Be responsible for promoting AMP application code into the AMP application.</p> <p>2. Leads release management and configuration management team that does the releases and is responsible for automation of deployment, implementation of CI/CD (as mutually agreed between Your PM and Oracle PM) and automated configuration tasks (where mutually agreed by Your PM and the Oracle PM).</p>
Oracle Automation Test Manager	<p>1. Leads automation team for automation of continuous system integration, regression, performance, and operational testing as mutually agreed.</p>
Oracle Infrastructure & Environments Manager	<p>1. Leads creation, maintenance, capacity planning and performance optimization and high-availability of all environments associated with AMP.</p>
Oracle AMS Services Consultant	<p>1. Be responsible for providing, at the direction of the Oracle OM, the services, as described and further detailed in the relevant subsections of this <b>Section I</b>, for the following areas:</p> <ul style="list-style-type: none"> <li>a. Provide Facilities Management Services;</li> <li>b. Provide Application DevOps Management Services; and</li> <li>c. Provide Incident Management Services.</li> </ul>

## 1. Assignment of Resources.

The Oracle SDM and Oracle OM will assign personnel sufficient in number, experience and expertise to meet the requirements of this **Section I**. All assignments will be at the discretion of Oracle SDM and Oracle OM.

## D. Service Level Commitments for AMS Services.

This Section sets out the Service Level Commitments applicable to the AMS Services regarding the AMP application and its Supported Environments for Ticket response time, application availability, and outages, and the Service Level Credits (as defined in **Section I.A - Definitions**) available as the exclusive remedy if the stated commitments are not met.

### 1. Severity Level Definitions.

The Severity Levels for AMS Services are defined in the table below:

*Table 2: Service Severity Levels Definitions*

Severity	AMS Services Severity Level Definition
Sev 1 – Critical Business Impact	<p>Critical Business Impact is defined as any of the following:</p> <ul style="list-style-type: none"> <li>• Issue affecting entire system or single critical production function;</li> <li>• System down or operating in a materially degraded status;</li> <li>• Declared a Critical Support Request by the LACA PM, LACA SDM or Oracle SDM.</li> </ul>
Sev 2 – Significant Business Impact	<p>Significant Business Impact is defined as any of the following:</p> <ul style="list-style-type: none"> <li>• Issues that affect primary business functions that impedes functioning of LACA.</li> </ul>
Sev 3 – Some Business Impact	<p>Some Business Impact is defined as any of the following:</p> <ul style="list-style-type: none"> <li>• The problem causes minor loss of service for the AMP application or its Supported Environments.</li> <li>• The impact is not desirable but livable.</li> </ul>
Sev 4 – Minimal to No Business Impact	<p>Minimal to No Business Impact is defined as any of the following:</p> <ul style="list-style-type: none"> <li>• The problem causes no loss of the AMP or its Supported Environments.</li> <li>• Results in minor error or incorrect behavior.</li> <li>• Does not impede the operation of the system.</li> </ul>

## 2. Service Levels.

Service Level Commitments (as defined below) are defined for the following categories:

- Response Time Service Level,
- AMP AMSS Availability Service Level; and
- Unplanned outages outside of Business Hours and Planned Maintenance Windows.

The Response Time Service Level Commitment in **Table 3**, the AMP AMSS Availability percentages set forth in **Table 4**, and the limitation to three (3) Sev 1 outages during non-Business Hours per month are collectively referred to as the “Service Level Commitments”. Service Level Credits available for the failure to meet an applicable Service Level Commitment are defined below for each of the categories listed above.

### 3. Response Time Service Level.

Response time will be measured from the time when a Ticket is submitted to Oracle until the time Oracle acknowledges receipt of the Ticket request, via the AMS Services Portal or other means should such Portal be unavailable.

Service Level Credits will be available as set forth below for failure to meet the applicable Service Level Commitment defined below.

Table 3: Response Time Service Level

Sev Level	Response Time Service Level Commitment	Service Level Credits
1	Thirty (30) Minutes	Five percent (5%) of monthly fee per incident
2	One (1) Hour	Two percent (2%) of monthly fee per incident
3	Four (4) Hours	No Service Level Credits
4	Eight (8) Hours	No Service Level Credits

### 4. AMP AMSS Availability Service Level.

The Service Level Commitments for AMP AMSS Availability, and the corresponding Service Level Credits available, are set out in **Table 4** below, and apply only to the PROD Environment. In the event and to the extent LACA is using the DR Environment as the PROD Environment, this Service Level Commitment will also be applicable to the DR Environment to such extent. The Service Level Credits will be calculated using \$150,000.00 per month for the base contract, \$154,500.00 for the first renewal year and \$159,135.00 for the second renewal year.

Table 4: AMP AMSS Availability Service Level Commitment

AMP AMSS Availability per Month	Service Level Credit Levels
If the AMP AMSS Availability is equal to or greater than ninety-nine and a half percent (99.5%), there is no Service Level Credit.	Zero percent (0%) of monthly fee.
If the AMP AMSS Availability is less than ninety-nine and a half percent (99.5%) but equal to or greater than ninety-nine percent (99.0%), Service Level Credits will be granted for the month the Service Level Commitment is not achieved.	Five percent (5%) of monthly fee.
If the AMP AMSS Availability is less than ninety-nine percent (99.0%) but equal to or greater than ninety-five percent (95.0%), Service Level Credits will be granted for the month the Service Level Commitment is not achieved.	Twenty percent (20%) of monthly fee.
If the AMP AMSS Availability is less than ninety-five percent (95%), Service Level Credits will be granted for the month the Service Level Commitment is not achieved.	Fifty percent (50%) of monthly fee.

### 5. Outages During Non-Business Hours Service Level.

Should AMP Production Environment experience a Sev 1 outage during non-Business Hours that was not part of a Planned Maintenance Activity, AMS Services will work to restore the Production Environment.

Should three (3) or more such outages occur during non-Business Hours in a calendar month, You will be eligible for a five percent (5%) Service Level Credit.



The Service Level Credits will be calculated using \$150,000.00 per month for the base contract, \$154,500.00 for the first renewal year and \$159,135.00 for the second renewal year.

## 6. Monthly Reporting.

Oracle will report the monthly statistics regarding Service Level Commitments (See **Appendix 3** to this **Exhibit A – Deliverable Expectations** for the Monthly Report format).

As part of this report, Oracle will identify Tickets that were reported at a specified Severity Level that did not meet the criteria for that Severity Level, defined in **Section I Table 2** above. These Tickets will be reviewed by both LACA and Oracle. The review will be used to determine whether an adjustment to any Service Level Credits claimed by LACA is appropriate as a result of such inaccurate reporting of Severity Levels. For the avoidance of doubt, any Ticket declared a Critical Support Request that does not otherwise meet the criteria for a Sev 1 Ticket, does not meet the criteria for Sev 1 severity, and any Service Level Credits will be adjusted accordingly.

## 7. Exemptions from Service Level

Oracle failure to meet any Service Level Commitment will be recalculated to account for the extent to which the failure is due to:

- a. The following acts or omissions of LACA or its agents:
  - i. Not providing reasonable necessary information.
  - ii. Not performing any test necessary to validate the Incident resolution.
  - iii. Denying reasonable access to the Supported Environments during any period.
  - iv. Unavailability of the LACA/ISD network.
- b. Unavailability of OCI.
- c. An Incident where the Root Cause Analysis (RCA) of the incident is determined to be out of the scope of the AMSS services as described in this **Exhibit A**

Should either the LACA or AMSS SDM not agree with the calculation of the Service Level Commitments based upon the definition of AMP AMSS Availability or the exemptions listed above, the issue will be promptly escalated to the LACA PM and AMSS Project Director for resolution.

## 8. Remedy for Failure to Achieve Service Level Commitments.

The grant of Service Level Credits as provided for in this **Section I.D.** is **YOUR EXCLUSIVE REMEDY AND ORACLE'S ENTIRE LIABILITY** for Oracle's failure to meet any Service Level Commitment. For the avoidance of doubt, the foregoing sentence only limits Your remedy for Oracle's failure to meet any Service Level Commitment and does not limit Your remedies for any other claims under the Agreement, including but not limited to any claims for breach of any warranty, inaccuracy of any representation, or breach of any contractual obligation outside of this **Section I.D.**

## 9. Claiming Service Level Credits.

Oracle will calculate Service Level Credits as a percentage of the net fees paid by You for the month under review using the (i) Service Level Credit percentage set forth in this **Section I.D** for the applicable Service Level Commitment, and (ii) the monthly fees (i.e.,

the invoice for the Deliverable Fee for the AMS Services Monthly Report, as set forth in **Section III Fees, Expenses, and Taxes** of this **Exhibit A**, for the month under review).

The total Service Level Credits for any month cannot exceed the total invoice amount for the month for the AMS Services provided under this **Exhibit A** (i.e. the invoice for Deliverable Fee for the AMS Services Monthly Report, as set forth in **Section III. Fees, Expenses, and Taxes** of this **Exhibit A**, for the month under review).

In order to be considered to receive Service Level Credits, You must file a claim with Oracle in accordance with the terms listed in this **Section I.D.9**. You must submit the claim by contacting the Oracle SDM via email.

You must include all of the information required for Oracle to validate the claim, including but not limited to:

- a. A detailed description of the circumstances for Your claim that Oracle did not meet its Service Level Commitment; and,
- b. Information regarding the time and duration of the downtime that caused the AMS Services not to meet its Service Level Commitment, if applicable.

In order for Oracle to consider a claim, Oracle must receive the claim within thirty (30) calendar days from delivery of the monthly report covering the month in which the failure to meet the applicable Service Level Commitment occurred. Oracle will use commercially reasonable efforts to process claims within sixty (60) days of Oracle's receipt of a claim. Service Level Credits will be provided by reducing the invoice amount for the current month.

## **E. Provide Facilities Management Services.**

### **1. Facilities Management Services**

Oracle will:

- a. Test, provision, configure, optimize, support and maintain the Supported Environments, including capacity planning.
- b. Maintain the common collective services ("CMN") which are required for the SDLC and Production Support environments.
- c. Maintain the AMP application in Supported Environments.
- d. Review and update quarterly the list of software included in **Section II.C Table 11 – List of AMP Associated Software**. Changes to the list will be mutually agreed upon. The impact of each addition/deletion will be defined and agreed by both parties prior to the decision to modify the list.
- e. Execute PROD failover to DR under the conditions, and in accordance with the process, delineated in the Operational Runbook and Business Continuity Plan. For purposes of this **Exhibit A**:

- i. The “Operational Runbook” shall mean the Operational Runbook delivered by Oracle under **Section 10 of Exhibit A, Statement of Work, of the AMP Phase IV Contract**, as may be updated pursuant to **Section I.E.3** hereof or otherwise by mutual agreement during the duration of AMS Services under this **Exhibit A**.
- ii. The “Business Continuity Plan” shall mean the Business Continuity Plan delivered by Oracle under **Section 10 of Exhibit A, Statement of Work, of the AMP Phase IV Contract**, as may be updated by mutual agreement during the term of the AMS Services under this **Exhibit A**.
- f. Execute DR failback to the PROD Environment as mutually agreed.
- g. Such other services as defined in the Business Continuity Plan.
- h. Provide maintenance and support for the Supported Environments.
- i. Provide coordination of any maintenance and support relating to OCI and other OCI services as may be purchased by LACA under a separate agreement with Oracle.
- j. Monitor and configure the Supported Environments and the AMP application.
- k. Optimize the Supported Environments.
- l. Conduct testing activities for the AMP application in accordance with the Operational Runbook and the Service Delivery Strategy. For purposes of this **Exhibit A**, the “Service Delivery Strategy” shall mean the Service Delivery Strategy delivered by Oracle under Oracle under **Section 10 of Exhibit A, Statement of Work, of the AMP Phase IV Contract**, as may be updated by mutual agreement during the duration of the AMS Services under this **Exhibit A**.
- m. Monitor and update the Supported Environments for configuration and deployment consistency.
- n. Provide a gap analysis of Oracle Enterprise Manager (“OEM”) and Oracle Management Cloud (“OMC”) between stated product functionality and actual usage by the LACA and Oracle staff.
- o. Periodically review usage with LACA SDM and mutually agree on strategies to utilize more of the functionality of OEM and OMC.
- p. Execute mutually agreed strategies to expand usage of OEM and OMC.
- q. Validate OEM and OMC custom scripts delivered by the AMP development team.
- r. Apply the validated scripts into OEM and OMC to support custom notification and alerts.
- s. For changes under AMSS control, Oracle, as part of the change process, will evaluate and assess if the change may result in the use of additional licenses. Prior to implementing the change to the environment, LACA will review and approve the change. LACA will be responsible for providing a baseline of certified licenses along with the total number of licenses available.

## 2. Technology Coordination.

AMSS will reasonably cooperate with Third –Party Vendors, including but not limited to, the parties defined in **Exhibit A Appendix 1 – Flow Chart of Incident Ticket Management** keep the Supported Environments compatible with LACA’s systems, including the scheduling of compatible releases and upgrades with new releases of hardware and software.

AMSS will cooperate with the ULA Audit process, if required.

## 3. Environment Deployment and Systems Operations.

Oracle staff will maintain the Operational Runbook which describes operational procedures to be used by Oracle in providing AMS Services. The Operational Runbook will be maintained in electronic format and made available to LACA.

## **F. Provide Application DevOps Management Services.**

### **1. Application DevOps Management Services.**

Oracle will:

- a. Provide software maintenance services in connection with the AMP application comprising release management, automated configuration management, cutover planning/coordination/testing, tuning, performance testing, test automation and automated regression testing.
- b. Identify and implement opportunities for Continuous Integration and Continuous Delivery ("CI/CD") (with mutual agreement)
- c. Monitor, and when necessary execute, the release of AMP application enhancements and updates.
- d. Execute tests based upon the Operational Runbook and the Service Delivery Strategy.
- e. Conduct DR failover/failback testing and DR Environment testing for each major AMP development release.
- f. Conduct quarterly DR failover/failback rehearsal testing to a mutually agreed schedule.
- g. Provide standard SonarQube output reports on AMP application code on a weekly basis.

### **2. Software Versions Management.**

Oracle will:

- a. Manage software versions within the application, system and infrastructure across the Supported Environments.
- b. Update the patch policy previously created in connection with work performed under Sections 9 and 10 of **Exhibit A, Statement of Work, of the AMP Phase IV Contract** (as updated to include the Supported Production Environments, the "Patch Policy").
- c. Maintain software version, configuration and deployment consistency of the AMP application, system and infrastructure across the Supported Environments.

### **3. Major Upgrade to AMP Application Software.**

Oracle is responsible for monitoring the service and license life of the Oracle products within the AMP application. To the extent within the control of Oracle, provide LACA with at least one (1) year notice of an End-of-Life ("EOL") service event for any such products.

Oracle will provide information that shows the Oracle products used by AMP, the current version, major upgrades and EOL date of each product on the monthly status report. In the event the product is EOL within the next year or is one or more major upgrades behind the version recommended by Oracle, the Oracle SDM will, at the direction of the LACA PM, provide an estimate for creating a runbook to either replace or upgrade the Oracle Product. After the runbook is created, Oracle will perform the replace or upgrade of the associated Product for all Supported Environments if applicable.

### **4. Requirement Review for the SDLC Environments**

Oracle will conduct a semi-annual review with the LACA PM to review and recommend the number of Production Support and SDLC Environments required for the upcoming six (6) months of development and production support. If changes are required and approved by the LACA PM, a change order will be created and presented to the LACA PM for review and approval.

## 5. Proactive Activities for the AMP Application and Supported Environments.

The proactive activities to be executed as part of AMS Services are shown in the table below. The objectives of such proactive activities are to limit downtime of the AMP application and the Supported Environments caused by outages.

Table 5: AMS Services – Proactive Monitoring and Maintenance Activities

	Oracle Cloud Infrastructure (OCI)	Database (DB)	Middleware Infrastructure (MW)
Daily	<ul style="list-style-type: none"> <li>Provide Virtual Machine (“VM”) backup and recovery</li> <li>Maintain agreed number of recent snapshots per LACA backup policy</li> <li>Monitor storage thresholds - File, Object &amp; Block</li> <li>Monitor and manage compute and storage logs/notifications using OEM and OMC</li> <li>Monitor and manage the Environments in the environment status dashboard</li> </ul>	<ul style="list-style-type: none"> <li>Provide incremental backups - verify logs</li> <li>Monitor performance</li> <li>Monitor storage thresholds</li> <li>Provide User management</li> <li>Troubleshoot out-of-sync issues</li> <li>On-demand DB recovery</li> </ul>	<ul style="list-style-type: none"> <li>Monitor logs (for any critical issues), alerts, and notifications from OEM and OMC</li> <li>Monitor performance</li> <li>Assist the AMP development teams to provide remediation to identified issues (For clarification purposes, AMP development is outside of the scope of the AMS Services)</li> <li>Provide/recommend corrective/preventive actions to help preventing issues from recurring in the future</li> </ul>
Weekly	<ul style="list-style-type: none"> <li>Conduct impact analysis of patch/ upgrade and dependencies</li> <li>Monitor compute performance for threshold limits</li> <li>Conduct storage and compute capacity planning</li> <li>Provide storage and compute utilization monitoring</li> <li>Purge old backups based upon LACA retention policies</li> <li>Provide proactive and reactive compute performance tuning</li> </ul>	<ul style="list-style-type: none"> <li>Review backup and recovery strategy</li> <li>Verify database logs</li> <li>Trouble shoot out-of-sync issues</li> <li>Assist with impact analysis of any changes made to the database objects</li> <li>Run batch processing jobs</li> <li>Provide proactive and reactive database performance tuning</li> </ul>	<ul style="list-style-type: none"> <li>Conduct impact analysis of patch/ upgrade and dependencies</li> <li>Receive alert notifications for metrics which have crossed thresholds defined by LACA</li> <li>Monitor configuration and deployment consistency across development, production and Supported Environments</li> <li>Review memory, CPU, storage, JVM, memory pool, DB connection pool thresholds for monitoring, alerts</li> </ul>
Proactive and Planned	<ul style="list-style-type: none"> <li>Follow the Patch Policy (which may be amended if mutually agreed upon between LACA and Oracle)</li> <li>Recommend and apply</li> </ul>	<ul style="list-style-type: none"> <li>Follow the Patch Policy (which may be amended if mutually agreed upon between LACA and Oracle)</li> </ul>	<ul style="list-style-type: none"> <li>Follow the Patch Policy (which may be amended if mutually agreed upon between LACA and Oracle)</li> <li>Recommend and apply</li> </ul>

	Oracle Cloud Infrastructure (OCI)	Database (DB)	Middleware Infrastructure (MW)
	<ul style="list-style-type: none"> <li>• upgrades</li> <li>• Upgrade environments to be in sync across the supported environments</li> <li>• Provide release management efforts for all supported environments</li> <li>• Provide test automation, regression testing, and performance testing</li> <li>• Review, assess and apply critical patch updates and patch set updates in accordance with the Patch Policy.</li> </ul>	<ul style="list-style-type: none"> <li>• Recommend and apply upgrades</li> <li>• Review, assess and apply critical patch updates and patch set updates in accordance with the Patch Policy</li> </ul>	<ul style="list-style-type: none"> <li>• upgrades</li> <li>• Review, assess and apply critical patch updates and patch set updates in accordance with the Patch Policy</li> </ul>
Health Checks	<ul style="list-style-type: none"> <li>• Monitor for CPU, memory, storage threshold violations and configure alerts, notifications for same</li> <li>• Create Tickets on LACA's behalf, and work with LACA towards the definition of priority and resolution</li> <li>• Review critical OS patches for VMs</li> <li>• Recommend and perform corrective actions as per the guidelines mutually agreed.</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor for CPU, memory, storage threshold violations and configure alerts and notifications for the same</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor "heart-beat" for middleware applications running on the domains in scope</li> <li>• Configure alerts and notifications for potential issues</li> <li>• Monitor for critical patches and recommend/ patches, as per the Patch Policy and in compliance with the product certification matrix</li> <li>• Monitor for CPU, memory, storage threshold violations and configure alerts and notifications for the same</li> </ul>

## G. Provide Incident Management Services.

### 1. Incident Management Services.

Oracle will:

- Operate the AMSS Service Desk.
- Receive and respond to all Tickets reported to or identified in accordance with **Appendix 1 – Flow Chart of Incident Ticket Management**.
- Manage and track Tickets, and the response and resolution in accordance with this **Section I**.
- Provide reports related to the AMS Services in accordance with **Table 6: AMS Services Reports**.
- Provide LACA with the ability to review the status of Tickets online through the Service Portal.
- Provide the reports listed in **Table 6** as part of the AMS Services.

Table 6: AMS Services Reports

Report	Frequency	Purpose
Weekly Status	Weekly	Report activities and the actions to be taken on both outstanding and closed Tickets within the reporting week.
Monthly Status	Monthly	A summary report of the activities provided during the previous month that documents Service Level Commitment compliance, identifies each Service Level Commitment not met (if any) and the Service Level Credit balance, FAQ update and a summary of updated <b>Exhibit A</b> deliverables (if any).
Quarterly AMS Services Review	Quarterly	A report of Ticket metrics, accomplishments, future AMSS plans and action items.
Annual AMS Services Review	Annual	Summary report of accomplishments, areas for improvement and future AMP plans and action items.
Root Cause Analysis (RCA)	Ad Hoc	Provide a detailed RCA for every Sev 1/2 and a RCA for Sev 3/4 (simplified format) upon the resolution of every Incident.

- g. Address Tickets that are created and assigned to AMS Services through the Ticket process, as described in **Table 7 – Ticket Process and Assignment** of this **Exhibit A**.
- h. Provide reactive patching in the case of defects and/or potential security issues.
- i. Address Tickets from automated monitoring alerts and notifications.
- j. Coordinate with the LACA and the AMP Project Team to execute pre-cutover configurations and data during cutover to the Supported Environments.
- k. Coordinate with the LACA and the AMP Project Team to provide post cutover checks.
- l. Coordinate with the LACA and AMP Project Team to determine the timeline for promotion of code between Environments.
- m. Perform synchronization tasks between the Environments including but not limited to application and infrastructure configurations, VM and DB restore / Data refresh.
- n. Follow the Ticket process for stuck threads issues including providing a Root Cause Analysis (“RCA”).
- o. Accept ad-hoc service requests, as mutually agreed.

## 2. AMS Services Help Desk Operations.

Oracle will establish, maintain and operate the AMS Services Help Desk. As part of the AMS Services Help Desk operational activities, Oracle will perform the following functions:

- a. Receive Tickets regarding Incidents via the AMS Services Portal, telephone or email,
- b. Log and track Tickets.

- c. Provide the response and/or the resolution to closure in the AMS Services Ticket system.
- d. Determine if a Ticket falls within the scope of the AMS Services as defined in this **Exhibit A**.
- e. Return to the Ticket reporter any Tickets that do not fall within the scope of AMS Services.
- f. Coordinate with the Oracle OM for resolution of those Tickets that do fall within the scope of AMS Services.
- g. Create and maintain a knowledge base with respect to Tickets and the resolution, which may be accessed by ITB Help Desk.
- h. Create and maintain a Frequently Asked Questions (FAQ) list, which may be accessed by AMP Portal users.
- i. Oracle will operate the AMS Services Help Desk twenty-four (24) hours per day, seven (7) days per week. Access to the AMS Services Help Desk will be limited to parties shown in **Appendix 1 – Flow Chart of Incident Ticket Management**.

### 3. Incident Severity Definition.

In order to define the urgency of an identified Incident, the individual reporting an Incident will be required to assign a Severity Level based on the criteria set forth in **Table 2** in **Section I.D**.

As part of the monthly review process, the Oracle SDM will review with both the LACA PM and LACA SDM Incidents that were reported at a specified Severity Level that did not meet the criteria for that Severity Level defined in **Section I.D. – Service Level Commitments for AMS Services**. This review will be used to determine whether an adjustment to any Service Level Credits claimed by LACA is appropriate as a result of such inaccurate reporting of Severity Levels.

### 4. Provide Incident Identification Process.

The Ticket logging process is segregated into two (2) parts: Sev 1 and Sev 2 Tickets; and Sev 3 and Sev 4 Tickets. The process for creating a Ticket is shown in **Appendix 1 – Flow Chart of Incident Ticket Management**, and in the table below. In the event of a conflict, **Table 7** below takes precedence over **Appendix 1 – Flow Chart of Incident Ticket Management**:

Table 7: Ticket Process and Assignment:

	Sev 1 and Sev 2	Sev 3 and Sev 4
LACA logging of a Ticket by authorized users as identified in <b>Appendix 1 – Flow Chart of Incident Ticket Management</b>	Use one (1) of three (3) ways to log a Ticket: <ul style="list-style-type: none"> <li>• Contact, via telephone, the AMS Services Help Desk</li> <li>• Contact, via email, the AMS Services Help Desk</li> <li>• Ticket logging through Service portal</li> </ul>	Use one (1) of two (2) ways to log a Ticket: <ul style="list-style-type: none"> <li>• Contact, via email, the AMS Services Help Desk</li> <li>• Ticket logging through Service portal</li> </ul>
Oracle AMS Services Consultant resource assignment	Oracle AMS Services Consultant will receive and acknowledge the Ticket from LACA  If the Sev 1 or Sev 2 Ticket has not been routed through the SDM, the Oracle AMS Services Consultant will inform the Oracle SDM, who will process the Ticket to	Oracle AMS Services Consultant will receive and acknowledge the Ticket from LACA  Oracle AMS Services Consultant will assign the Ticket to the AMS Services team to work on the Ticket to resolution



	Sev 1 and Sev 2	Sev 3 and Sev 4
	<p>resolution</p> <p>Oracle AMS Services Consultant will assign the Ticket to the AMS Services team to work on the Ticket to resolution</p>	

## 5. AMS Services Execution / Remediation Processes.

The Oracle AMS Services Consultant, upon receiving the Ticket, will perform the following:

- a. Validate the Ticket content which may include gathering additional relevant information.
- b. Perform triage and troubleshooting of the Ticket.
- c. Review the severity level assigned, and if appropriate recommend a change to the Ticket creator. If LACA disagrees with the change, the Ticket creator and Oracle SDM shall discuss and mutually agree to the severity level to be assigned to the Ticket.
- d. Address the Ticket.
- e. Update the Portal with ticket information and status.
- f. Conduct analysis. If the content of the Ticket falls outside of the scope of the AMS Services, the Oracle AMS Services Consultant will return the Ticket to the Ticket creator. If LACA disagrees with such evaluation, the Oracle SDM and the LACA SDM/LACA PM shall discuss and mutually agree on the same.
- g. Provide a Ticket closure, upon resolution of the issue. The format and method for communication is defined in the Service Delivery Strategy. If the Ticket is Sev 3/4, a simplified RCA report will be used.
- h. Close the Ticket in accordance with the criteria for Ticket closures set forth in **Section I.G.8 – Criteria for Ticket Closures**
  - i. For either a Sev 1 or Sev 2 Ticket:
    - a) Assign a single point of contact (“SPOC”), who will monitor and manage the Ticket to resolution. The Oracle SDM will be the SPOC if available.
    - b) Work closely with all stakeholders for resolution of the Ticket.
    - c) Open a Proactive Ticket to track the completion of the RCA.
    - d) Complete a detailed RCA report for the Ticket as part of the Ticket closure. A sample Table of Contents for an RCA report is provided in **Appendix 3 - Deliverable Expectations**.
    - e) Update the Ticket analysis data, including preventive information in the Oracle Service Cloud and Service Portal. The Oracle team will use the custom template provided by LACA for RCA details.
  - i. If an Incident for a defect is submitted and remediation of the code is not within Oracle’s obligations under a separate services agreement between You and Oracle, Oracle will create an Oracle Application Testing Suite (“OATS”) Ticket and assign to the LACA SDM.
  - j. If an Incident for a defect is submitted and remediation of the code is within the scope of Oracle’s obligations under a separate services agreement between You and Oracle, Oracle will create an OATS Ticket and assign, if available, to the separate issue manager under a separate agreement.

## 6. Incident Related to an Oracle Product or License

- a. In the event the Ticket contains an Incident related to an Oracle product or license, the Oracle AMS Services Consultant shall perform the following:
  - i. Validate the Ticket content which may include gathering additional relevant information.
  - ii. Create a Ticket with My Oracle Support (“MOS”) for each Incident on behalf of LACA utilizing LACA’s customer support identifier for the technical support purchased by LACA under a separate agreement.
  - iii. Lead the coordination with MOS according to standards set forth by MOS / Oracle product team (i.e., the team providing any technical support or other support purchased separately and provided by Oracle to LACA under separate agreement).
  - iv. Apply, test and validate the break-fix patches or upgrade provided by MOS / Oracle product team.
  - v. Coordinate with LACA in LACA’s performance of end user acceptance testing.
  - vi. Coordinate with LACA in Oracle performance of automated regression testing for patches or upgrade provided by MOS / Oracle product team.
  - vii. Provide data fixes and any generic fixes received from MOS / Oracle product team.

## **7. Ticket Management**

The Oracle AMS Services Consultant will work on an open Ticket for Oracle AMS Services until the Ticket is either closed in accordance with the criteria for Ticket closures set forth below, or transferred to another organization (e.g. Oracle product or service team providing services under a separate contract or ISD), in which event Oracle AMS Services Consultant will continue to be actively engaged until the Ticket is closed.

## **8. Criteria for Ticket Closures**

A Ticket is deemed resolved when any of the following occurs:

- a. The underlying problem cause is identified and resolved and the LACA user confirms such resolution via email or the portal.
- b. LACA and Oracle mutually agree to close the Ticket.
- c. The LACA Ticket owner does not respond to a Ticket via the AMS Services Portal or e-mail for five (5) business days after an AMS Services verified solution is provided and notification and three (3) reminders have been sent to the Ticket owner. The last reminder will copy the LACA PM and LACA SDM.
- d. The LACA Ticket owner does not respond to a request for additional information on the Ticket for a period of five (5) business days after AMS Services staff has sent 3 reminders during the period. The last reminder will copy the LACA PM and LACA SDM.

## **H. Change Process.**

Any request for any change order must be made in accordance with the following process (the “Change Order Process”). Oracle shall not be obligated to perform tasks related to changes in time, scope, cost, or contractual obligations until You and Oracle agree in writing to the proposed change in an amendment to this **Exhibit A**. The Change Order Process includes the following steps:

1. Either party will be able to submit a written request for any change order. Oracle and/or You, with mutual agreement, may provide up to four (4) hours of design effort to incorporate into such change order request. Should design efforts require more than four (4) hours, the design effort shall be presented on a Change Order Form. For change order requests prepared by Oracle for You, such shall be prepared and submitted within two (2) business days, if feasible, from the date the change is identified.
2. In cases involving significant changes, or if evaluation of a change order request requires more than four (4) hours of effort to evaluate and propose an approach, Oracle will advise You of this condition and:
  - a. Set a new time frame for response;
  - b. Prepare an estimate of cost to complete the evaluation; and
  - c. Return this information to You for review and approval.
3. If Oracle requires further formal evaluation, You will determine whether it wishes Oracle to proceed with that evaluation, depending upon the cost of such evaluation. If Oracle is engaged to perform further formal evaluation, the Oracle response to a change order request will contain the impact of the change on various portions of this **Exhibit A**, including identifying and quantifying changes Services, schedules, and/or price. Oracle will also indicate alternate approaches where possible.
4. Oracle shall provide You with a written statement; offering to perform pursuant to the change order request, proposing modifications to the change order request, or rejecting such change order request within five (5) business days from date of receipt of such change order request. Oracle's statement will include detailed information as to; (i) the availability of Oracle's personnel and resources, and (ii) the impact, if any, on the completion of Services, the delivery of any deliverables or the cost of the Services.
5. If You desire to implement a change order request, You shall provide written authorization to Oracle to proceed with such change order request upon the terms set forth therein or as modified by Oracle in its response.
6. Oracle will prepare an estimate for the cost of the change order request within five (5) business days, unless a longer period of time is mutually agreed, and will require You to approve such change order prior to commencement of any work. If You would like to modify requirements of the original change order, Oracle will void the original and create a new change order that will require Your approval.
7. Upon receipt of such written authorization from You, Oracle shall promptly commence performance in accordance with the change order as modified by Oracle's response thereto. Changes that increase the cost and/or impact the schedule must be documented in a change order that must be signed by authorized representatives of the parties.
8. Each change order, as modified by Oracle's response thereto, which is duly authorized in writing by You, shall constitute a formal modification to, be deemed incorporated into and become a part of this **Exhibit A**. In no event shall this **Exhibit A** (including without limitation the Appendices hereto), the Services, be deemed amended except through a written amendment signed by both parties or change order approved by Oracle and You.
9. You must respond in writing to approve or deny such change order request within ten (10) business days of the date of such change order request, unless a longer period of time is mutually agreed. Should You not provide this response to Oracle within such ten (10) business days, Oracle shall assume the change order request to be denied by You.

10. Oracle shall submit invoices for all approved change orders associated with the level of effort engagement as a part of the work payment associated with the change order and represented in the amended **Exhibit A** and will invoice along with the deliverable payment once the deliverable is complete. If the deliverable has been completed and invoiced, a separate monthly invoice will be required. Such invoices will include all fees approved within the change order.
11. Management of this process is the responsibility of the Oracle AMSS Program Director and Your Project Manager who has primary responsibility for contract delivery. Specific procedures associated with the change order Process are triggered by (1) the Oracle SDM and Your SDM/PM (in each case, as defined in Exhibit 1) reaching agreement on the change and (2) submission of a Change Order Form to the Oracle SDM. Any such change, unless specifically stated within this **Exhibit A**, may be subject to a mutually agreed upon pricing adjustment.
12. Until agreement can be reached on the implementation of the requested change, or if agreement cannot be reached, services will continue to be performed in accordance with the existing terms and conditions of this **Exhibit A** and the Agreement.

## I. Deliverables.

AMS Services performed by Oracle under this **Exhibit A** shall be for the purpose of providing the following deliverables:

Table 8: Base Period Deliverables

Deliverable No.	AMS Services deliverable name	Deliverable description	Estimated month and year of delivery
AMSS-1	AMS Services Monthly Status TOC	The purpose of this document is to define the contents of the monthly AMS Services Status Report.	
AMSS-1.1	AMS Services Monthly Report – May (based upon contract execution date)	The report covering the AMS Services activities and reports provided during May 2021	Jun-21
AMSS-1.2	AMS Services Monthly Report – Month 2	The report covering the AMS Services activities and reports provided during Month 2	Jul-21
AMSS-1.3	AMS Services Monthly Report – Month 3	The report covering the AMS Services activities and reports provided during Month 3	Aug-21
AMSS-1.4	AMS Services Monthly Report – Month 4	The report covering the AMS Services activities and reports provided during Month 4	Sep-21
AMSS-1.5	AMS Services Monthly Report – Month 5	The report covering the AMS Services activities and reports provided during Month 5	Oct-21
AMSS-1.6	AMS Services Monthly Report – Month 6	The report covering the AMS Services activities and reports provided during Month 6	Nov-21
AMSS-1.7	AMS Services Monthly Report – Month 7	The report covering the AMS Services activities and reports provided during Month 7	Dec-21
AMSS-1.8	AMS Services Monthly Report – Month 8	The report covering the AMS Services activities and reports provided during Month 8	Jan-22
AMSS-1.9	AMS Services Monthly Report – Month 9	The report covering the AMS Services activities and reports provided during Month 9	Feb-22

<b>Deliverable No.</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>
AMSS-1.10	AMS Services Monthly Report – Month 10	The report covering the AMS Services activities and reports provided during Month 10	Mar-22
AMSS-1.11	AMS Services Monthly Report – Month 11	The report covering the AMS Services activities and reports provided during Month 11	Apr-22
AMSS-1.12	AMS Services Monthly Report – Month 12	The report covering the AMS Services activities and reports provided during Month 12	May-22
AMSS-1.13	AMS Services Monthly Report – Month 13	The report covering the AMS Services activities and reports provided during Month 13	Jun-22
AMSS-1.14	AMS Services Monthly Report – Month 14	The report covering the AMS Services activities and reports provided during Month 14	Jul-22
AMSS-1.15	AMS Services Monthly Report – Month 15	The report covering the AMS Services activities and reports provided during Month 15	Aug-22
AMSS-1.16	AMS Services Monthly Report – Month 16	The report covering the AMS Services activities and reports provided during Month 16	Sep-22
AMSS-1.17	AMS Services Monthly Report – Month 17	The report covering the AMS Services activities and reports provided during Month 17	Oct-22
AMSS-1.18	AMS Services Monthly Report – Month 18	The report covering the AMS Services activities and reports provided during Month 18	Nov-22
AMSS-1.19	AMS Services Monthly Report – Month 19	The report covering the AMS Services activities and reports provided during Month 19	Dec-22
AMSS-1.20	AMS Services Monthly Report – Month 20	The report covering the AMS Services activities and reports provided during Month 20	Jan-23
AMSS-1.21	AMS Services Monthly Report – Month 21	The report covering the AMS Services activities and reports provided during Month 21	Feb-23
AMSS-1.22	AMS Services Monthly Report – Month 22	The report covering the AMS Services activities and reports provided during Month 22	Mar-23
AMSS-1.23	AMS Services Monthly Report – Month 23	The report covering the AMS Services activities and reports provided during Month 23	Apr-23
AMSS-1.24	AMS Services Monthly Report – Month 24	The report covering the AMS Services activities and reports provided during Month 24	May-23
AMSS-1.25	AMS Services Monthly Report – Month 25	The report covering the AMS Services activities and reports provided during Month 25	Jun-23
AMSS-1.26	AMS Services Monthly Report – Month 26	The report covering the AMS Services activities and reports provided during Month 26	Jul-23
AMSS-1.27	AMS Services Monthly Report – Month 27	The report covering the AMS Services activities and reports provided during Month 27	Aug-23
AMSS-1.28	AMS Services Monthly Report – Month 28	The report covering the AMS Services activities and reports provided during Month 28	Sep-23
AMSS-1.29	AMS Services Monthly Report – Month 29	The report covering the AMS Services activities and reports provided during Month 29	Oct-23
AMSS-1.30	AMS Services Monthly Report – Month 30	The report covering the AMS Services activities and reports provided during Month 30	Nov-23

<b>Deliverable No.</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>
AMSS-1.31	AMS Services Monthly Report – Month 31	The report covering the AMS Services activities and reports provided during Month 31	Dec-23
AMSS-1.32	AMS Services Monthly Report – Month 32	The report covering the AMS Services activities and reports provided during Month 32	Jan-24
AMSS-1.33	AMS Services Monthly Report – Month 33	The report covering the AMS Services activities and reports provided during Month 33	Feb-24
AMSS-1.34	AMS Services Monthly Report – Month 34	The report covering the AMS Services activities and reports provided during Month 34	Mar-24
AMSS-1.35	AMS Services Monthly Report – Month 35	The report covering the AMS Services activities and reports provided during Month 35	Apr-24
AMSS-1.36	AMS Services Monthly Report – Month 36	The report covering the AMS Services activities and reports provided during Month 36	May-24

Table 9: First Renewal Year Deliverables

<b>Deliverable number</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>
AMSS-1.37	AMS Services Monthly Report – Month 37	The report covering the AMS Services activities and reports provided during Month 37	Jun-24
AMSS-1.38	AMS Services Monthly Report – Month 38	The report covering the AMS Services activities and reports provided during Month 38	Jul-24
AMSS-1.39	AMS Services Monthly Report – Month 39	The report covering the AMS Services activities and reports provided during Month 39	Aug-24
AMSS-1.40	AMS Services Monthly Report – Month 40	The report covering the AMS Services activities and reports provided during Month 40	Sep-24
AMSS-1.41	AMS Services Monthly Report – Month 41	The report covering the AMS Services activities and reports provided during Month 41	Oct-24
AMSS-1.42	AMS Services Monthly Report – Month 42	The report covering the AMS Services activities and reports provided during Month 42	Nov-24
AMSS-1.43	AMS Services Monthly Report – Month 43	The report covering the AMS Services activities and reports provided during Month 43	Dec-24
AMSS-1.44	AMS Services Monthly Report – Month 44	The report covering the AMS Services activities and reports provided during Month 44	Jan-25
AMSS-1.45	AMS Services Monthly Report – Month 45	The report covering the AMS Services activities and reports provided during Month 45	Feb-25
AMSS-1.46	AMS Services Monthly Report – Month 46	The report covering the AMS Services activities and reports provided during Month 46	Mar-25
AMSS-1.47	AMS Services Monthly Report – Month 47	The report covering the AMS Services activities and reports provided during Month 47	Apr-25
AMSS-1.48	AMS Services Monthly Report – Month 48	The report covering the AMS Services activities and reports provided during Month 48	May-25

Table 10: Second Renewal Year Deliverables

Deliverable number	AMS Services deliverable name	Deliverable description	Estimated month and year of delivery
AMSS-1.49	AMS Services Monthly Report – Month 49	The report covering the AMS Services activities and reports provided during Month 49	Jun-25
AMSS-1.50	AMS Services Monthly Report – Month 50	The report covering the AMS Services activities and reports provided during Month 50	Jul-25
AMSS-1.51	AMS Services Monthly Report – Month 51	The report covering the AMS Services activities and reports provided during Month 51	Aug-25
AMSS-1.52	AMS Services Monthly Report – Month 52	The report covering the AMS Services activities and reports provided during Month 52	Sep-25
AMSS-1.53	AMS Services Monthly Report – Month 53	The report covering the AMS Services activities and reports provided during Month 53	Oct-25
AMSS-1.54	AMS Services Monthly Report – Month 54	The report covering the AMS Services activities and reports provided during Month 54	Nov-25
AMSS-1.55	AMS Services Monthly Report – Month 55	The report covering the AMS Services activities and reports provided during Month 55	Dec-25
AMSS-1.56	AMS Services Monthly Report – Month 56	The report covering the AMS Services activities and reports provided during Month 56	Jan-26
AMSS-1.57	AMS Services Monthly Report – Month 57	The report covering the AMS Services activities and reports provided during Month 57	Feb-26
AMSS-1.58	AMS Services Monthly Report – Month 58	The report covering the AMS Services activities and reports provided during Month 58	Mar-26
AMSS-1.59	AMS Services Monthly Report – Month 59	The report covering the AMS Services activities and reports provided during Month 59	Apr-26
AMSS-1.60	AMS Services Monthly Report – Month 60	The report covering the AMS Services activities and reports provided during Month 60	May-26

AMS Services provided during the First Renewal Year are for the purposes of providing the Deliverables in **Table 9**. Oracle shall not provide such Deliverables unless the parties mutually agree to amend the Agreement and this Exhibit to extend AMS Services for the First Renewal Year as described in **Section II.C.4** below.

AMS Services provided during the Second Renewal Year are for the purposes of providing the Deliverables in **Table 10**. Oracle shall not provide such Deliverables unless the parties mutually agree to amend the Agreement and this Exhibit to extend AMS Services for the First and Second Renewal Years as described in **Section II.C.4** below.

## J. Criteria for Acceptance of Deliverables.

1. All Deliverables, along with their estimated months of delivery, are specified in **Exhibit A Section I.I**. Sample Tables of Contents for certain Deliverables are shown in **Exhibit A Appendix 3 – Deliverable Expectations**. The acceptance criteria for document Deliverables are the document conforms to the Deliverable Specifications; and, the

information is current as of the date specified for that Deliverable (either the date on the first page of the document or the date of coverage specified in the title of the document as appropriate).

2. Upon completion of any Deliverable set forth in **Section I.I** of this **Exhibit A**, Oracle shall provide a copy thereof to You. At such time, if You request, Oracle will demonstrate to You that the Deliverable meets the acceptance criteria specified in **Section I.J.1** above. With respect to each Deliverable submitted by Oracle to LACA pursuant to the terms of the Agreement and this Exhibit, LACA shall have ten (10) business days (the "Acceptance Period") to provide Oracle with written notice that LACA either accepts or rejects such Deliverable. The sole basis for rejection shall be a failure of the Deliverable to conform to the acceptance criteria in all material respects. If such Deliverable is rejected, LACA will specify the deficiencies in reasonable detail. Oracle shall use all reasonable efforts to promptly cure any such deficiencies. After completing such cure, Oracle shall resubmit such Deliverable for LACA's review and testing as set forth above. Upon accepting any Deliverable submitted by Oracle, LACA shall provide Oracle with written acceptance of such Deliverable. However, if LACA fails to provide written notice of any deficiencies within the Acceptance Period, as provided above, such Deliverables shall be deemed accepted at the end of the Acceptance Period.
3. Oracle will invoice ten (10) business days after the deliverable is provided to LACA.

## K. Export

Export laws and regulations of the United States and any other relevant local export laws and regulations apply to the Services. Such export laws govern use of the Services (including technical data) and any Services deliverables provided under this Agreement, and You and Oracle each agree to comply with all such export laws and regulations (including "deemed export" and "deemed re-export" regulations). You agree that no data, information, software programs and/or materials resulting from the Services (or direct product thereof) will be exported, directly or indirectly, in violation of these laws, or will be used for any purpose prohibited by these laws including, without limitation, nuclear, chemical, or biological weapons proliferation, or development of missile technology.

## L. Services Privacy/Services Security Assumptions.

In performing the Services under this **Exhibit A**, Oracle will comply with the (a) Oracle Services Privacy Policy available at <http://www.Oracle.com/legal/privacy/services-privacy-policy.html> and (b) Oracle Consulting & Advanced Customer Services Security Practices available at <https://www.Oracle.com/corporate/contracts/consulting/policies.html>. Both documents are incorporated herein by reference. Oracle may update such policy and practices to reflect changes in, among other things, laws, regulations, rules, technology, and industry practices. Such updates will not materially reduce the level of performance, functionality, security, or availability of the Services. You agree to restrict Oracle's access to any content or information that imposes privacy, security or regulatory obligations greater than those specified in this **Exhibit A** and the Agreement.

## II. Your Obligations and AMSS Assumptions.

You acknowledge that Your timely provision of, and reasonable access to, office accommodations, facilities, equipment, assistance, cooperation, complete and materially accurate information and data from Your officers, agents, and employees, and suitably configured



computer products (collectively, “cooperation”) are essential to the performance of any services as set forth in this Statement of Work. Oracle will not be responsible for any deficiency in performing services to the extent such deficiency results from Your failure to provide reasonable cooperation; provided however, that Oracle acknowledges its duty to endeavor reasonably to mitigate the effects of any such failures so as to avoid deficiencies.

Oracle shall notify You in writing if Oracle believes that you have failed to complete any task(s), assumptions or obligations that may affect Oracle’s performance under this **Exhibit**, and shall specify in such notice in reasonable detail the facts establishing such failure and the manner in and extent to which Oracle believes Oracle’s performance is being or shall be affected thereby. If you have not cured any such failure within ten (10) business days of the date of such notice, and Your failure to meet the obligations and assumptions listed in this **Exhibit** or provide reasonable cooperation result in an increase of Oracle costs or Oracle's inability to provide the Services, Oracle may propose for Your review and approval, a change order for a modification of the scope of services or fees payable under this **Exhibit A** to reflect such increase. Any such change order to modify fees shall, unless otherwise agreed, be for a fixed increase in the agreed fixed price.

If you do not review and approve the change order within ten (10) days after Your receipt thereof, Oracle may terminate its performance of the AMS Services and invoice for any previously unbilled services performed through the date of termination. Transition to termination will occur over a six (6) month period, during which Oracle will use commercially reasonable efforts to continue to provide the AMS Services. You shall continue to pay Oracle for the AMS Services and Deliverables provided during the transition period in the amounts set forth in Tables 12-14 of Section III.A of this Exhibit.

You acknowledge that Oracle’s ability to perform the AMS Services depends upon Your fulfillment of Your obligations and the project assumptions set forth in this Exhibit.

## **A. Your General Obligations.**

1. If the AMS Services are provided in an Oracle hosted cloud environment, obtain Cloud Services under separate contract prior to the commencement of AMS Services under this **Exhibit A** and maintain such Cloud Services for the duration of the AMS Services provided under this **Exhibit A**.
2. If Oracle provides You with access to a third party tool (software or cloud service) to facilitate collaboration between You and Oracle related to the Services (“Third Party Collaboration Tool”), You agree to comply with the applicable terms found here <https://www.Oracle.com/a/ocom/docs/corporate/ocs-third-party-tools.pdf>. Such applicable terms shall become binding upon You upon any use by You of the corresponding Third Party Collaboration Tool.
3. Provide Oracle with full access to the relevant documentation and the functional, technical, and business resources with adequate skills and knowledge to support the performance of AMS Services.
4. Provide, for all Oracle resources performing AMS Services at Your site, a safe and healthful workspace (e.g., a workspace that is free from recognized hazards that are causing, or likely to cause, death or serious physical harm, a workspace that has proper ventilation, legally acceptable oxygen concentration levels, sound levels acceptable for resources performing AMS Services in the workspace, and ergonomically correct work stations).
5. Provide any notices, and obtain any consents or third party licenses, required for Oracle to perform AMS Services.

6. Limit Oracle's access to any production environments or shared development environments to the extent necessary for Oracle to perform AMS Services.
7. If AMS Services are performed remotely, provide Oracle resources with remote access to Your systems and environments required for such AMS Services, using an Oracle-defined standard virtual private network or an Oracle Web Conference or similar, agreed-upon third-party web conferencing application (collectively, "remote access tools"), including by: (a) installing the remote access tools prior to the commencement of AMS Services and maintaining them for the duration of the AMS Services (e.g., by acquiring any equipment and performing labor) to ensure all components of Your Oracle software environment are accessible and in compliance with all Oracle's requirements; and (b) obtaining all rights to use the remote access tools for all Oracle resources providing remote AMS Services. You acknowledge and agree that: (i) Oracle is not responsible for network connections or any related problems, such as bandwidth issues, excessive latency, network outages, or any performance or other conditions caused by an internet service provider or the network connections; and (ii) all terms and conditions applicable to any third-party web conferencing application shall have no force or effect whatsoever.
8. As required by U.S. Department of Labor regulations (20 CFR 655.734), You will allow Oracle to post a Notice regarding Oracle H-1B employee(s) at the work site prior to the employee's arrival on site.
9. Provide Oracle with test accounts as required to do any testing on the Supported Environments.
10. If, while performing AMS Services, Oracle requires access to other vendor's products that are part of Your system, You will be responsible at Your expense for acquiring all such products and the appropriate license rights necessary for Oracle to access such products on Your behalf.
11. Provide Oracle with a written notice of any desired change in the established work schedule at least forty-eight (48) hours prior to the date You desire such change to be implemented.
12. Provide Oracle with a written notice of any desired change in the established work location at least forty-eight (48) hours prior to the date You desire such location change to be implemented.
13. Provide Oracle access to data structures, documentation, applications, repositories, databases, and artifacts as required by Oracle to support the performance of services.
14. You are responsible for acquiring and maintaining any equipment, and performing any labor and/or activities necessary to set-up and maintain network connectivity at and to Your Oracle software environment.
15. Provide and maintain user accounts for, and access to, a virtual private network ("VPN") for the Oracle team members, including but not limited to, Oracle's onsite and remote resources for Oracle team member support for the execution of AMSS. VPN access will be granted to Oracle resources based on mutual agreement.
16. Provide twenty-four (24) hour remote VPN access to all environments, as mutually agreed, associated with the services, with no outage longer than twelve (12) hours during business hours.
17. Provide access to Your and/or Los Angeles County Internal Services Department ("ISD") Systems, Networks and Environments as required to provide AMS Services.

18. Provide licenses for LACA requested third party software for use by AMSS e.g. JIRA and SonarQube. See Table 11.
19. Triage service Tickets to the Environments within the scope of AMS Services to the AMS Services Help Desk in accordance with Appendix 1 – Flow Chart of Incident Ticket Management.
20. Purchase under separate agreement will maintain throughout the term of the AMS Services, license and annual technical support for the Oracle products, and will provide Oracle AMS Services Consultants with access to the Customer Support Identifier.
21. Provide Oracle AMS Services with communication and access to the relevant LACA functional, technical and business resources with adequate skills and knowledge to support the performance of AMS Services in accordance with Appendix 1 – Flow Chart of Incident Ticket Management.
22. Manage the Identity and Access Management aspects related to User role and access.
23. Conduct training for LACA Service Desk users (as shown in Appendix 1 – Flow Chart of Incident Ticket Management) on the process for submitting Tickets, including the Severity levels.
24. Provide an initial list of Third Party Vendors and update the list as changes occur.
25. Provide, within ten (10) days after execution of the Agreement, the identity by name of the person assigned to each of the following roles:
  - a. LACA Project Manager;
  - b. LACA SDM;
  - c. LACA ITB Help Desk Lead;
  - d. ISD Tier 2 Lead;
  - e. LACA Tier 2 Lead; and
  - f. LACA ITB DevOps Product Support Development Team Lead.
26. Provide the following within ten (10) days after execution:
  - a. If feasible and desired by LACA, provide two (2)-way compatibility between LACA Cherwell Ticket System and the AMS Services Portal; until this is in place, the AMS Services Portal will be used as shown in Appendix 1 – Flow Chart of Incident Ticket Management.
27. Oracle is not responsible for adverse impact to the AMS Services arising from LA County concurrently scheduled projects or initiatives.
28. Be responsible for any and all deficiencies or delays attributable to Your resources and / or Your third party resources, and any resulting impact to the estimated timeline, work effort, and associated fees for AMS Services.
29. Provide the necessary and appropriate data (e.g., test data, configuration data, etc.) required by Oracle to support the performance of AMS Services.
30. Provide access to the libraries necessary to perform the AMS Services (e.g., code), including merging of the libraries (e.g., code path changes), and migrating of libraries (e.g., code path) between all environments.
31. Be responsible for AMP application code defect fixes and code enhancements as required.

32. Support deployments as required.
33. Be responsible for reconstruction / restoration of any lost or altered files, data, and programs except as set forth in **Section II.C.14** for the Supported Environments..
34. Be responsible for the installation, configuration, maintenance, and management of any and all third party products except as set forth in **Section II.C.14** for the Supported Environments.

## **B. Your Application Management Support Services Obligations.**

1. Designate an executive sponsor who shall represent You during the performance of AMS Services, ensure performance of Your responsibilities under this **Exhibit A**, establish and maintain an active line of communication with the Oracle Executive Sponsor or Oracle AMSS Program Director during the performance of the AMS Services, both on an informal basis and in a formal steering committee capacity, and make timely decisions on Your behalf on all relevant issues.
2. Designate a Project Manager who shall:
  - a. Have the authority to approve AMS Services on Your behalf;
  - b. Oversee and ensure Your performance of the obligations You are tasked with during the performance of AMS Services;
  - c. Work directly with the Oracle SDM, who has the sole right to exercise direct control and supervision over the work assignments of Oracle resources, to support the performance of AMS Services;
  - d. Work with the Oracle AMSS Program Director for inquiries related to AMS Services;
  - e. Review and recommend approval for RFCs before changes are made to PROD; and
  - f. Review and provide sign off on the PROD once the smoke tests are completed.
3. Conduct AMSS with Oracle according to the Service Delivery Strategy.
4. The turnaround time for multiple deliverables submitted at one (1) time may be mutually agreed upon by both parties. Both parties agree to review and assess the adjusted turnaround time and its impact to AMSS execution.
5. Establish a committee (the "Executive Steering Committee") to meet on a regular agreed cadence or for major activities in AMSS as set forth in the Service Delivery Strategy, or when determined necessary by the Executive Steering Committee to review process and resolve issues. Ensure that Your executive sponsor is a member of the Executive Steering Committee.
6. Establish a board (the "Change Advisory Board") to meet on a regular agreed cadence or for major activities in AMSS as set forth in the Service Delivery Strategy.
7. Distribute AMSS documentation or correspondence to Your stakeholders not directly involved with AMS Services.
8. Utilize the defined Oracle issue resolution process in the Service Delivery Strategy.
9. Your SDM/PM and Oracle's SDM/PD will work together to revise, by mutual agreement, the Service Delivery Strategy.
10. Be responsible for the contractual relationships with third party contractors and for directing such third parties to fully cooperate with the AMSS team, as and when required by Oracle.

## C. General AMSS Assumptions.

1. Owing to the uncertainties of the evolving Covid-19 situation, the provision of any on-site AMS Services under this order is subject to the delivery resources being permitted and able to perform such AMS Services taking into consideration applicable laws and regulations, including those pertaining to health, safety and mobility (whether in the country of service provision and/or the country of location of the delivery resources). If the provision of any on-site AMS Services is negatively impacted due to circumstances related to or arising from the Covid-19 situation, Oracle and You agree to cooperate in good faith to review such impact and, if necessary, amend any resource plans, work plans, service specifications, time schedules and the like in accordance with the change control process of this order, including possibly putting in place an infrastructure (e.g. VPN) to enable a remote delivery of services. For the avoidance of doubt, this Section is without prejudice to the parties' rights and obligations under the force majeure clause.
2. Oracle standard documentation format will be used for any documentation prepared and/or delivered during the performance of the AMS Services.
3. Headquarters will be at 500 West Temple Street, Los Angeles, California, however AMS Services will be performed both onsite and offsite including outside of the Los Angeles area and outside of County facilities.
4. Timeline/duration for AMS Services is an initial period of 36 months, beginning on May 27<sup>th</sup>, 2021 (the "Base Period"). Upon the expiration of the Base Period, the parties may agree to extend the duration of the AMS Services for an additional twelve (12) month period (the "First Renewal Year") by written amendment to the Agreement and this Exhibit A, for a total of forty eight (48) months. Upon the expiration of the First Renewal Year, if any, the parties may agree to extend duration of the AMS Services will be extended for an additional twelve (12) month period (the "Second Renewal Year"), by written amendment to the Agreement and this Exhibit A. If the parties desire to enter into an amendment to extend for the First Renewal Year or the Second Renewal Year, the parties will use good faith efforts to enter into such amendment at least six (6) months prior to the end of the Base Period (in the case of an extension for the First Renewal Year) or the First Renewal Year (in the case of the Second Renewal Year).
5. All functionality will be created using U.S. English only.
6. All monetary values will use US Dollars.
7. Oracle will make commercially reasonable efforts to provide You publicly available reference architecture/blueprints for Oracle's technologies, as requested.
8. Final versions of software to be installed will be reviewed with Oracle before software installation.
9. The environments will be hosted on Oracle Cloud Infrastructure ("OCI") for the duration of AMS Services under this **Exhibit A**.
10. Oracle will use the Information Technology Infrastructure Library ("ITIL") methodology and Infrastructure Technology Service Management ("ITSM") framework as the basis for AMS Services.
11. Service Level Credits will not be available for any failure to meet Service Level Commitments caused by the LACA and/or ISD Network.

12. Oracle will coordinate and share information with LACA, including Operational Runbook and other items, as mutually agreed.
13. Oracle is not responsible for the performance of the servers, networks, or other hardware elements provided by the County or its third party contractors.
14. Oracle will use the following software products to provide Services for the Supported Environments. Oracle's responsibility for software maintenance services is limited to Oracle software listed below in **Table 11 – List of AMP Associated Software**, and patching and configuration of non-Oracle software below in **Table 11 – List of AMP Associated Software**:

Table 11: List of AMP Associated Software

Software Products	Software Function
Oracle JET, ADF, WCP	UI
SOA, OSB, REST API services	Application Integration
BPM	Process
ExaCS, ODBMS (DB and DB options), DBCS, ORDS, ADW, MS SQL Server	Database, Data Warehouse
ODI, OGG, Veridata	Data Integration/Migration
BIP, APEX, OAC	Reporting
OPA, OBR, Custom JAVA/PLSQL	Rules
IDM Security: OIM, OAM, OUD, IDCS DB Security: TDE, DB local file wallet, AVDF, DBV, Data Safe, CSR App, OAPIGW/OAG, LUAO App Security: OWSM, OAuth, OCI Vault Service API Security: API Gateway	Security
WCC, IBR, Captiva, custom MS .NET tools	Content
OEM (and mgmt. packs), OMC, ESD	Environment Management/Monitoring
OCI, OHS, FastConnect, LBaaS, DNS, FSS, F5 LB, Weblogic Server, Block Storage, Object Storage	Cloud Infrastructure
OATS, OpenScripts, Selenium, SOAPUI, Jest, JMeter, JConsole/JRocket, Karma, Mocha	Testing
GIT, Ant, Maven, Jenkins, Archiva, Groovy scripts, Ansible, Terraform, OJAF, DevCS, Kubernetes/Docker, SonarQube, WLST, custom DevOps scripts/tools	DevOps Toolset
Axure, Oracle Cloud UX Manager	UI Design
Daptiv, JIRA	Requirements Tracking
OATS, Service Portal	Defect Tracking
Trillium, ArcGIS (eGIS), Geocode, Google Street/Map, APEX Diagramming tool, Signix integrated app	Others
Data Sciences	Machine Learning / Artificial Intelligence

## D. Service Delivery Assumptions.

1. The Service Delivery Strategy will be used to manage Application Management Support Services.

2. Scope control (change management) and document review will be performed using Oracle's standard processes and documented herein and/or in the Service Delivery Strategy.
3. You and Oracle will work together to resolve AMSS issues as specified in the Service Delivery Strategy. Issues must be resolved in a timely manner (generally twenty-four (24) hours for critical issues, generally forty-eight (48) hours for less critical issues). Critical issues are those that impact the execution or budget. Failure to resolve issues in accordance with the Service Delivery Strategy and in a timely fashion may have an impact on AMSS execution.
4. The Services Delivery Strategy, Business Continuity Plan, and Operational Runbook may be updated by mutual agreement, but such updates shall occur not more frequently than monthly.
5. If You assign resources in support of AMSS, those resources will represent You and will be empowered to make decisions on Your behalf.
6. Oracle is not responsible for any deficiencies in AMS Services performed by non-Oracle resources, or any delays attributable to the performance of non-Oracle resources.
7. Your and Oracle's SDMs will establish periodic AMSS reviews to monitor scope, budget, and timeline of the AMS Services.
8. As used in this **Exhibit A**, "mutual agreement" and the expression "mutually agreed" is defined to mean an explicit agreement that is documented and agreed upon by both parties. If such an agreement could have scope impact and/or impact effort estimates, it will be escalated to the AMSS Program Director for review and, if it is found to have a scope and/or effort impact, the Oracle SDM may submit a change order to reflect that impact. If a change order is submitted for a "mutually agreed" scope item, the Change Order Process must be completed for the item to be considered "mutually agreed".
9. Additional work requested by LACA related to resolving infrastructure inconsistencies or product upgrades is subject to mutual agreement.

## **E. Documentation Assumptions.**

1. All written documentation and communication will be provided in U.S. English.
2. A document deliverable is a document in one (1) of the formats described below and consists of both one (1) portable document format ("PDF") copy and one (1) electronic copy.
  - a. A word document deliverable is a document in Microsoft Word format and consists of both one (1) PDF copy and one (1) electronic copy.
  - b. An excel deliverable is a document in Excel format and consists of both one (1) PDF copy and one (1) electronic copy
  - c. A project plan is a document in Microsoft Project format and consists of both one (1) PDF copy and one (1) electronic copy.
  - d. A diagram is a document in Microsoft Visio format and consists of both one (1) PDF copy and one (1) electronic copy.
  - e. A presentation deliverable is a document in Microsoft PowerPoint format and consists of both one (1) PDF copy and one (1) electronic copy.
3. Oracle will follow a process to provide drafts of document deliverables in advance of the finalized document.

## F. Testing Assumptions.

1. Test results will be managed, tracked, and reported from a central defect tracking system or list.
2. Testing will be done from Your workstation or Oracle laptops that can access AMP servers.
3. You and the Oracle SDM will review recorded defect levels during testing and, upon mutual agreement, may change the level of any defect.
4. Testing activities will be based upon the Service Delivery Strategy
5. Performance tuning activities may include the configuration of web, application, database, and infrastructure cloud service products.

## III. Fees, Expenses, and Taxes.

### A. Fees and Expenses.

You agree to pay Oracle the fee of **\$8,880,000.00** for the AMS Services and Deliverables for the Base Period described in this **Exhibit A**. If the parties mutually agree to extend AMS Services for the First Renewal Year as provided in **Section II.C.4**, You agree to pay Oracle the fee of **\$3,337,200.00** for the AMS Services and Deliverables for the First Renewal Year described in this **Exhibit A**. If the parties mutually agree to extend AMS Services for the First Renewal Year as provided in **Section II.C.4**, You agree to pay Oracle the fee of **\$3,437,316.00** for the AMS Services and Deliverables for the Second Renewal Year described in this **Exhibit A**.

Fees includes travel and out of pocket expenses. Fees do not include taxes. Upon completion of a Deliverable the corresponding Deliverable fee specified below becomes due and payable and Oracle shall thereafter invoice, and You shall pay, such Deliverable fee; this payment obligation shall become non-cancelable and the sum paid nonrefundable on Your acceptance date. A Deliverable is completed once such Deliverable is accepted, or deemed accepted, in accordance with **Section I.J - Acceptance of Deliverables**.

As of the Effective Date of the Agreement, the below delivery dates are estimated dates and are intended for planning purposes only. As such Oracle does not guarantee that these dates will be met and failure to meet such estimated dates shall not, in and of itself, constitute a breach of contract. Oracle will, however, use commercially reasonable efforts to meet the estimated dates.

Table 12: Fees – Base Period

Deliverable number	AMS Services deliverable name	Deliverable description	Estimated month and year of delivery	Deliverable fee
AMSS-1	AMS Services Monthly Status TOC	The purpose of this document is to define the contents of the monthly AMS Services Status Report.		
AMSS-1.1	AMS Services Monthly Report – May (based upon contract execution date)	The report covering the AMS Services activities and reports provided during May, 2021	Jun-21	\$150,000.00



<b>Deliverable number</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>	<b>Deliverable fee</b>
AMSS-1.2	AMS Services Monthly Report – Month 2	The report covering the AMS Services activities and reports provided during Month 2	Jul-21	\$150,000.00
AMSS-1.3	AMS Services Monthly Report – Month 3	The report covering the AMS Services activities and reports provided during Month 3	Aug-21	\$150,000.00
AMSS-1.4	AMS Services Monthly Report – Month 4	The report covering the AMS Services activities and reports provided during Month 4	Sep-21	\$150,000.00
AMSS-1.5	AMS Services Monthly Report – Month 5	The report covering the AMS Services activities and reports provided during Month 5	Oct-21	\$150,000.00
AMSS-1.6	AMS Services Monthly Report – Month 6	The report covering the AMS Services activities and reports provided during Month 6	Nov-21	\$150,000.00
AMSS-1.7	AMS Services Monthly Report – Month 7	The report covering the AMS Services activities and reports provided during Month 7	Dec-21	\$150,000.00
AMSS-1.8	AMS Services Monthly Report – Month 8	The report covering the AMS Services activities and reports provided during Month 8	Jan-22	\$270,000.00
AMSS-1.9	AMS Services Monthly Report – Month 9	The report covering the AMS Services activities and reports provided during Month 9	Feb-22	\$270,000.00
AMSS-1.10	AMS Services Monthly Report – Month 10	The report covering the AMS Services activities and reports provided during Month 10	Mar-22	\$270,000.00
AMSS-1.11	AMS Services Monthly Report – Month 11	The report covering the AMS Services activities and reports provided during Month 11	Apr-22	\$270,000.00
AMSS-1.12	AMS Services Monthly Report – Month 12	The report covering the AMS Services activities and reports provided during Month 12	May-22	\$270,000.00
AMSS-1.13	AMS Services Monthly Report – Month 13	The report covering the AMS Services activities and reports provided during Month 13	Jun-22	\$270,000.00
AMSS-1.14	AMS Services Monthly Report – Month 14	The report covering the AMS Services activities and reports provided during Month 14	Jul-22	\$270,000.00
AMSS-1.15	AMS Services Monthly Report – Month 15	The report covering the AMS Services activities and reports provided during Month 15	Aug-22	\$270,000.00
AMSS-1.16	AMS Services Monthly Report – Month 16	The report covering the AMS Services activities and reports provided during Month 16	Sep-22	\$270,000.00

<b>Deliverable number</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>	<b>Deliverable fee</b>
AMSS-1.17	AMS Services Monthly Report – Month 17	The report covering the AMS Services activities and reports provided during Month 17	Oct-22	\$270,000.00
AMSS-1.18	AMS Services Monthly Report – Month 18	The report covering the AMS Services activities and reports provided during Month 18	Nov-22	\$270,000.00
AMSS-1.19	AMS Services Monthly Report – Month 19	The report covering the AMS Services activities and reports provided during Month 19	Dec-22	\$270,000.00
AMSS-1.20	AMS Services Monthly Report – Month 20	The report covering the AMS Services activities and reports provided during Month 20	Jan-23	\$270,000.00
AMSS-1.21	AMS Services Monthly Report – Month 21	The report covering the AMS Services activities and reports provided during Month 21	Feb-23	\$270,000.00
AMSS-1.22	AMS Services Monthly Report – Month 22	The report covering the AMS Services activities and reports provided during Month 22	Mar-23	\$270,000.00
AMSS-1.23	AMS Services Monthly Report – Month 23	The report covering the AMS Services activities and reports provided during Month 23	Apr-23	\$270,000.00
AMSS-1.24	AMS Services Monthly Report – Month 24	The report covering the AMS Services activities and reports provided during Month 24	May-23	\$270,000.00
AMSS-1.25	AMS Services Monthly Report – Month 25	The report covering the AMS Services activities and reports provided during Month 25	Jun-23	\$270,000.00
AMSS-1.26	AMS Services Monthly Report – Month 26	The report covering the AMS Services activities and reports provided during Month 26	Jul-23	\$270,000.00
AMSS-1.27	AMS Services Monthly Report – Month 27	The report covering the AMS Services activities and reports provided during Month 27	Aug-23	\$270,000.00
AMSS-1.28	AMS Services Monthly Report – Month 28	The report covering the AMS Services activities and reports provided during Month 28	Sep-23	\$270,000.00
AMSS-1.29	AMS Services Monthly Report – Month 29	The report covering the AMS Services activities and reports provided during Month 29	Oct-23	\$270,000.00
AMSS-1.30	AMS Services Monthly Report – Month 30	The report covering the AMS Services activities and reports provided during Month 30	Nov-23	\$270,000.00
AMSS-1.31	AMS Services Monthly Report – Month 31	The report covering the AMS Services activities and reports provided during Month 31	Dec-23	\$270,000.00

<b>Deliverable number</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>	<b>Deliverable fee</b>
AMSS-1.32	AMS Services Monthly Report – Month 32	The report covering the AMS Services activities and reports provided during Month 32	Jan-24	\$270,000.00
AMSS-1.33	AMS Services Monthly Report – Month 33	The report covering the AMS Services activities and reports provided during Month 33	Feb-24	\$270,000.00
AMSS-1.34	AMS Services Monthly Report – Month 34	The report covering the AMS Services activities and reports provided during Month 34	Mar-24	\$270,000.00
AMSS-1.35	AMS Services Monthly Report – Month 35	The report covering the AMS Services activities and reports provided during Month 35	Apr-24	\$270,000.00
AMSS-1.36	AMS Services Monthly Report – Month 36	The report covering the AMS Services activities and reports provided during Month 36	May-24	\$270,000.00
			Total	\$8,880,000.00

Table 13: Fees – First Renewal Year

<b>Deliverable number</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>	<b>Deliverable fee</b>
AMSS-1.37	AMS Services Monthly Report – Month 37	The report covering the AMS Services activities and reports provided during Month 37	Jun-24	\$278,100.00
AMSS-1.38	AMS Services Monthly Report – Month 38	The report covering the AMS Services activities and reports provided during Month 38	Jul-24	\$278,100.00
AMSS-1.39	AMS Services Monthly Report – Month 39	The report covering the AMS Services activities and reports provided during Month 39	Aug-24	\$278,100.00
AMSS-1.40	AMS Services Monthly Report – Month 40	The report covering the AMS Services activities and reports provided during Month 40	Sep-24	\$278,100.00
AMSS-1.41	AMS Services Monthly Report – Month 41	The report covering the AMS Services activities and reports provided during Month 41	Oct-24	\$278,100.00
AMSS-1.42	AMS Services Monthly Report –	The report covering the AMS Services activities and reports provided during	Nov-24	\$278,100.00

<b>Deliverable number</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>	<b>Deliverable fee</b>
	Month 42	Month 42		
AMSS-1.43	AMS Services Monthly Report – Month 43	The report covering the AMS Services activities and reports provided during Month 43	Dec-24	\$278,100.00
AMSS-1.44	AMS Services Monthly Report – Month 44	The report covering the AMS Services activities and reports provided during Month 44	Jan-25	\$278,100.00
AMSS-1.45	AMS Services Monthly Report – Month 45	The report covering the AMS Services activities and reports provided during Month 45	Feb-25	\$278,100.00
AMSS-1.46	AMS Services Monthly Report – Month 46	The report covering the AMS Services activities and reports provided during Month 46	Mar-25	\$278,100.00
AMSS-1.47	AMS Services Monthly Report – Month 47	The report covering the AMS Services activities and reports provided during Month 47	Apr-25	\$278,100.00
AMSS-1.48	AMS Services Monthly Report – Month 48	The report covering the AMS Services activities and reports provided during Month 48	May-25	\$278,100.00
			Total	\$3,337,200.00

Table 14: Fees – Second Renewal Year

<b>Deliverable number</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>	<b>Deliverable fee</b>
AMSS-1.49	AMS Services Monthly Report – Month 49	The report covering the AMS Services activities and reports provided during Month 49	Jun-25	\$286,443.00
AMSS-1.50	AMS Services Monthly Report – Month 50	The report covering the AMS Services activities and reports provided during Month 50	Jul-25	\$286,443.00
AMSS-1.51	AMS Services Monthly Report – Month 51	The report covering the AMS Services activities and reports provided during Month 51	Aug-25	\$286,443.00
AMSS-1.52	AMS Services Monthly Report – Month 52	The report covering the AMS Services activities and reports provided during Month 52	Sep-25	\$286,443.00

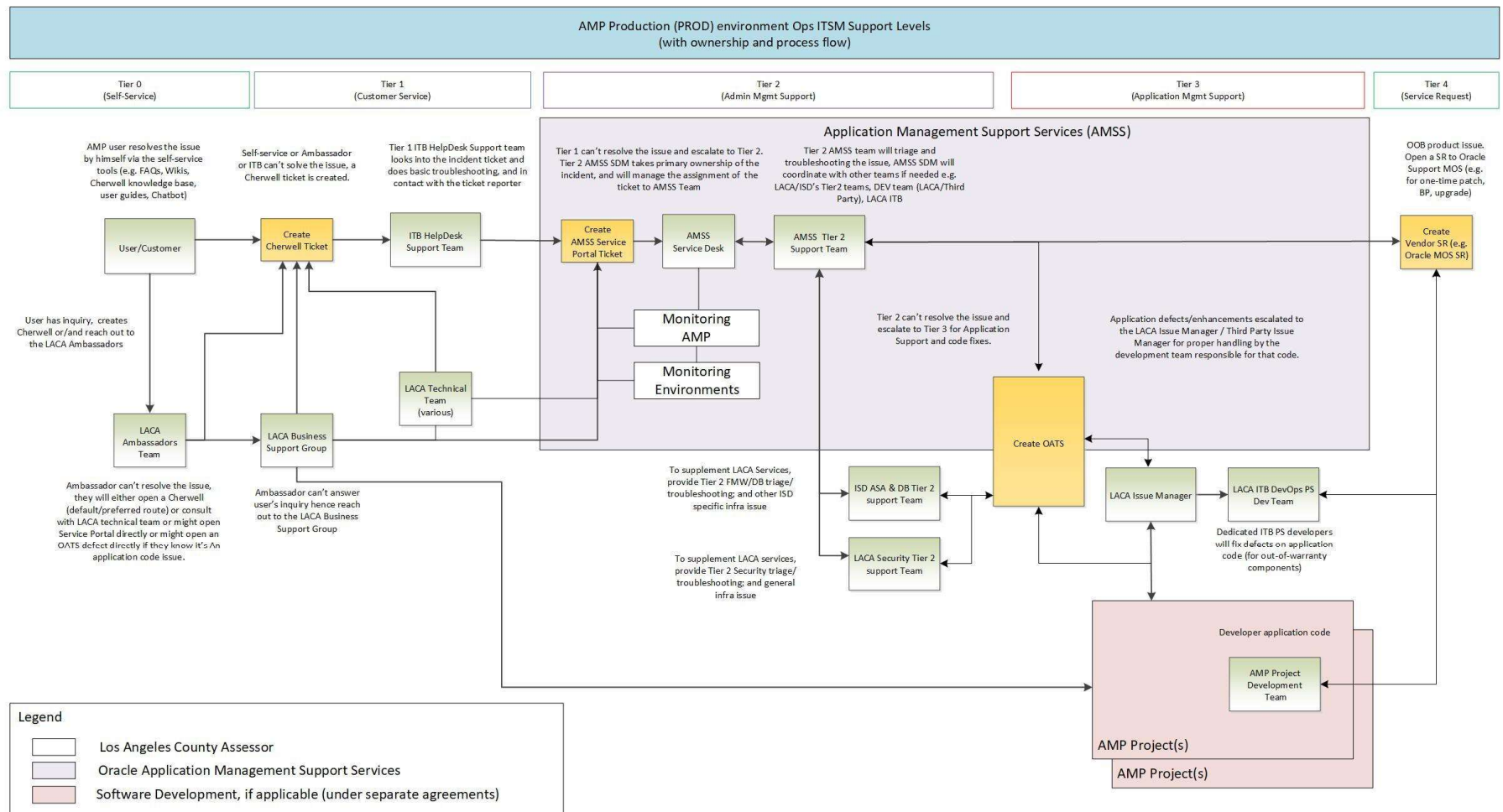
<b>Deliverable number</b>	<b>AMS Services deliverable name</b>	<b>Deliverable description</b>	<b>Estimated month and year of delivery</b>	<b>Deliverable fee</b>
AMSS-1.53	AMS Services Monthly Report – Month 53	The report covering the AMS Services activities and reports provided during Month 53	Oct-25	\$286,443.00
AMSS-1.54	AMS Services Monthly Report – Month 54	The report covering the AMS Services activities and reports provided during Month 54	Nov-25	\$286,443.00
AMSS-1.55	AMS Services Monthly Report – Month 55	The report covering the AMS Services activities and reports provided during Month 55	Dec-25	\$286,443.00
AMSS-1.56	AMS Services Monthly Report – Month 56	The report covering the AMS Services activities and reports provided during Month 56	Jan-26	\$286,443.00
AMSS-1.57	AMS Services Monthly Report – Month 57	The report covering the AMS Services activities and reports provided during Month 57	Feb-26	\$286,443.00
AMSS-1.58	AMS Services Monthly Report – Month 58	The report covering the AMS Services activities and reports provided during Month 58	Mar-26	\$286,443.00
AMSS-1.59	AMS Services Monthly Report – Month 59	The report covering the AMS Services activities and reports provided during Month 59	Apr-26	\$286,443.00
AMSS-1.60	AMS Services Monthly Report – Month 60	The report covering the AMS Services activities and reports provided during Month 60	May-26	\$286,443.00
			Total	\$3,437,316.00

## **Appendix 1 to Exhibit A– Flow Chart of Incident Ticket Management**

The following Figure 1 below defines the Ticket Management flow from initiation to close out.

This flow visually reflects the tasks described in **Exhibit A Section 1.G - Incident Management Services**. In the event of a conflict, such **Exhibit A Section I.G** takes precedence. This process will be updated, as required, based upon mutual agreement.

Appendix 1 Figure 1: Incident Management Process Flow



## Appendix 2 to Exhibit A– Initial Responsible Accountable Consulted Informed (“RACI”) Chart for AMS Services

The RACI Chart does not define or modify obligations of either LACA or Oracle under **Section I** of the **Exhibit A**. It serves as a planning tool for execution of AMS Services.

Appendix 2 Table 1: RACI Chart

	Responsible	Accountable	Consulted	Informed	Responsible	Accountable	Consulted	Informed
<b>Roles and typical tasks:</b>	<b>Oracle AMS Services team</b>				<b>Assessor Team</b>			
<b>Facilities Management Services</b>								
The support and maintenance of the Production Environments	R						C	
The support and maintenance of the Production Support Environments	R						C	
Providing maintenance and support for the Environments, including managing such maintenance, support and other service agreements as may be offered by OCI	R	A						I
Interaction with third party vendors as discussed in <b>Section 1.E - Facilities Management Services</b>	R					A		
<b>Application DevOps Management Support Services</b>								
<u>Software Maintenance Services</u>								
Maintenance of AMP applications across the Environments	R	A						I
<u>Release Management</u>								
Management of Application Releases and Hot Fixes across the Environments	R					A		
<u>Configuration Management</u>								
Identify configuration items, evaluate and control changes to those items, and record the change implementation status	R	A						I
<u>Test Automation</u>								
Automate Test Cases by mutual agreement	R	A					C	I
Perform Automated Regression Tests	R	A						I
Conduct Performance Testing in environments	R	A						I



	Responsible	Accountable	Consulted	Informed	Responsible	Accountable	Consulted	Informed
<u>Maintenance of application versions across the Environments</u>								
Hot fix maintenance	R					A	C	
Pro-active monitoring of key application setup parameters	R					A		
OEM/OMC application monitoring parameter setups	R	A						I
Ad-hoc monitoring of applications	R					A		I
OEM/OMC/ESD monitoring	R	A					C	I
Conduct environment tuning	R	A						I
Yearly activities as a result of auditing of users/roles (if applicable)	R					A		
<u>Deployment activities</u>								
Pre-cutover, Cutover and Post-cutover activities	R	A				A	C	
<b>Incident Management Services</b>								
<u>Incident Management</u>								
Address and resolve Tickets that are created through the Ticketing process	R	A						I
Root Cause Analysis and documentation	R	A						I
Resolving incidents raised out of proactive monitoring	R	A						I
Maintenance of the knowledge management system	R	A						I
Maintenance of FAQs	R	A					C	I
<b>Patching</b>								
Patch applied as a result of an application/product defect fix	R	A					C	I
Execute patch (CPU/PSU) policy and process	R	A					C	
<b>Upgrades</b>								
Create, test and validate runbook(s) to apply upgrades				I	R	A		
Implement upgrades using validated runbook(s)	R	A					C	I
<b>Other</b>								
Synchronization tasks including infrastructure configurations, VMs, database restore and data refresh	R					A		

	Responsible	Accountable	Consulted	Informed	Responsible	Accountable	Consulted	Informed
Interaction with Product Support	R	A						I
Perform Testing per the Service Delivery Strategy	R	A					C	
DR failover / failback testing	R	A						I

## Appendix 3 to Exhibit A – Deliverable Expectations

The Table of Contents for the Deliverable and reports to be provided pursuant to **Section I** of the **Exhibit A** are set forth below:

### 1. AMS Services Monthly Status TOC – Deliverable AMSS-1

The purpose of this document is to define the contents of the monthly AMS Services Status Report.

- Service Status.
- Sev 1 Updates.
- Sev 2 Updates.
- Monthly Ticket Volume.
- Volume by Severity.
- Service Level Commitment metrics.
- Response Times.
- Retrospective Report.
- FAQ Update & Review.
- Review of AMP System Software List.
- Review of ongoing open items under the scope of this **Section I**.
- AMP Application Overall Availability
- Status of Oracle software being used in the Supported Environments related to Product Upgrade or EOL
- Release and Configuration Management Activities
- Test Capability Activities
- Environment Management Activities

### 2. AMS Services Weekly Status.

The purpose of this document is to define the content of the weekly AMS Services Status Report.

- Previous Week Minutes.
- Current Ticket Overview.
- Sev 1 Tickets.
- Sev 2 Tickets.
- Ticket Classification for the week.
- Tickets Previously On Hold.
- New Tickets On-Hold.
- Risks, Issues and Mitigation Plans.

- Consumption and threshold data

### **3. AMS Services Quarterly Review**

The purpose of this document is to define the content of the quarterly AMS Services Status Report.

- Overall AMS Services Summary.
- Incident Management Summary and Metrics.
- DR Test Review.
- Future Plans.
- AMS Services accomplishments.

### **4. AMS Services Annual Review**

The purpose of this document is to define the content of the AMS Services Annual Review Report.

- Governance Review:
  - Contract gap analysis.
- Key Decisions, Issues, and Risks.
- Improvement Initiatives:
  - Process, Performance & Tools Improvements Updates.
  - Accomplishments.
- Operational Performance Review:
  - Incident Management Review.
  - Patch Management Review.
  - Release Management Review.
- Service Level Commitment Scorecard:
  - Outage Incidents.
- Support.
- Next Action Items.

### **5. Root Cause Analysis Report Notional TOC**

The purpose of this document is to define the content of the RCA that will be conducted for Sev 1/2 Incidents.

- Document Control:
  - Change Record.
  - Reviewers.
- Introduction.
- Event Description.
- Chronology of events / timeline.
- Findings and Root Cause Analysis.

- Impact including downtime.
- Corrective Action.
- Preventive Actions Taken/Recommended:
  - Tickets opened to accomplish Preventative Action.
- Open Issues.
- Closed Issues.

## Appendix 4 to Exhibit A – SDLC Establishment / Dis-establishment Costs

This applies only to the SDLC environments. The baseline SDLC environments are Development Environment (“ADEV”), Development Environment 2 (“ADEV2”), Development Integration Test Environment 1 (“ATE1”), System Integration Test Environment 1 (“ATE2”), Development Integration Test Environment 2 (“ATE3”), System Integration Test Environment 2 (“ATE4”), and Stage Environment 2 (“STAGE2”)

Any increase in environments requires one month of support prior to the environments being operational. Any decrease in environments requires one month of support to remove the environment. All changes are done on a full month basis. Oracle must obtain approval from the LACA PM prior to increasing or decreasing the environments.

Appendix 4 Table 1: Cost to Establish or Dis-establish Production Support or SDLC environments

Total Net Number of SDLC Environments Increased / Removed from Baseline	Adjustment to Monthly Fees – Base Contract (Increase for additional environments / decrease for reduction of environments)	Adjustment to Monthly Fees – Renewal Year 1	Adjustment to Monthly Fees – Renewal Year 2
1	\$10,000.00	\$10,300.00	\$10,609.00
2	\$24,000.00	\$24,720.00	\$25,461.60
3	\$34,000.00	\$35,020.00	\$36,070.60
4	\$48,000.00	\$49,440.00	\$50,923.20
5	\$58,000.00	\$59,740.00	\$61,532.20
6	\$72,000.00	\$74,160.00	\$76,384.80
7	\$84,000.00	\$86,520.00	\$89,115.60



# DRAFT

Attachment III

## CIO ANALYSIS

**Peter Loo**  
ACTING CHIEF INFORMATION  
OFFICER

BOARD AGENDA DATE:

11/16/2021

This document provides an analysis and recommendations by the Office of the Chief Information Officer pertaining only to “requests concerning the approval of actions related to the management, design, development, acquisition, expansion, or purchase of **automated systems and/or related services**,” per [Board Policy 6.020, “Chief Information Office Board Letter Approval”](#). This document shall not be construed as endorsement, or a recommendation for approval, of any other items.

SUBJECT:

**AMEND SOLE SOURCE AGREEMENTS WITH ORACLE TO PROVIDE EXTENDED SUPPORT FOR THE DEVELOPMENT OF THE ASSESSOR’S MODERNIZATION PROJECT (AMP) PHASE IV AND APPLICATION MANAGEMENT SUPPORT SERVICES FOR AMP**

CONTRACT TYPE:

☐ New Contract      ☒ Sole Source      ☒ Amendment to Contract #: Enter contract #.

SUMMARY:

Description: This request is to amend existing sole source agreements with Oracle to provide 11 months of extended support for the development of AMP Phase IV and Application Management Support Services (AMSS) for AMP. AMP is a five-phase agile development project to replace the Assessor’s legacy property assessment systems, which are comprised of 120 aging applications. All previously negotiated terms and conditions of the existing Agreements will remain in full effect. The AMP Phase IV Statement of Work (SOW) will be amended to add additional scope and schedule, and the AMSS Agreement will be amended to add additional monthly services.

The AMP Phase IV 11 month extension is needed due to impact of the COVID pandemic on the Assessor and Oracle development resources, missed requirements, unanticipated project scope increases related to technical complexities with the mainframe property database and California legislative changes. The AMSS extended services will include new computing environments and additional services to support product upgrades, security and release management.



THE SOURCE AGREEMENTS WITH ORACLE TO PROVIDE EXTENDED SUPPORT FOR THE  
MENT OF THE ASSESSOR'S MODERNIZATION PROJECT (AMP) PHASE IV AND  
MANAGEMENT SUPPORT SERVICES FOR AMP

Contract Amount: Total increase \$14,440,000 (\$13,000,000 for AMP Phase IV Amendment and \$1,440,000 for AMSS Amendment).

FINANCIAL ANALYSIS:

**DRAFT**

Contract costs:

One-time costs

Services ..... \$ 14,440,000

**Total one-time costs:..... \$ 14,440,000**

Notes:

THE \$13,000,000 INCREASE FOR CONTINUED AMP PHASE IV DEVELOPMENT WILL INCREASE THE TOTAL CONTRACT COST FOR PHASE IV TO \$50,604,000. THE \$1,440,000 INCREASE FOR AMSS WILL INCREASE THE TOTAL CONTRACT COSTS FOR AMSS TO \$3,240,000. DEPARTMENT BUDGET SAVINGS WILL BE USED TO FUND THE INCREASE IN CONTINUED AMP PHASE IV DEVELOPMENT AND THE INCREASE IN AMSS COSTS WILL BE FUNDED BY REDUCTIONS IN ISD HOSTING COSTS.

RISKS:

1. As with any software development project, there are risks in the areas of quality, cost and schedule. Because of the current resource and collaboration constraints due to the COVID pandemic, and the inherent complexity of this development project, the Assessor will need to pay particular attention to cost and schedule over-runs associated to additional missed requirements. The Assessor has mitigated the quality risks by negotiating well thought out changes to the existing SOW having to do with functional changes required as a result of the passage of Proposition 19 and Computer Assisted Mass Appraisals (CAMA). Also, the existing testing and software release strategies will remain in place. Assuming the planned development is completed on schedule, the Assessor will decommission the mainframe property database at the end of Phase IV and produce the 2022-23 property tax roll on AMP.
2. Because the Assessor's goal is to gradually take on more of the technical responsibility for the development and support of the AMP system, become less dependent on Oracle technical resources and eventually be self-sufficient, there is an ongoing risk around knowledge transfer. The OCIO has encouraged the Assessor to formalize the knowledge transfer process, and make it a priority with Oracle.
3. Because this is an Amendment to the existing Agreement and all original terms and conditions remain in full effect, there were no security or contract risks identified.

PREPARED BY:

Henry Balta

(NAME) DEPUTY CHIEF INFORMATION OFFICER

October 11, 2021

DATE

APPROVED:

PETER LOO, ACTING COUNTY CHIEF INFORMATION OFFICER

DATE



AMEND SOLE SOURCE AGREEMENTS WITH ORACLE TO PROVIDE EXENDED SUPPORT FOR THE DEVELOPMENT OF THE ASSESSOR'S MODERNIZATION PROJECT (AMP) PHASE IV AND APPLICATION MANAGEMENT SUPPORT SERVICES FOR AMP

## SOLE SOURCE CHECKLIST

Department Name: OFFICE OF THE ASSESSOR

☐

New Sole Source Contract

☒

Existing Sole Source Contract

Date Sole Source Contract Approved: October 29, 2019 (AMP Phase IV)

Check (✓)	<b>JUSTIFICATION FOR SOLE SOURCE CONTRACTS</b> Identify applicable justification and provide documentation for each checked item.
<input type="checkbox"/>	➤ Only one bona fide source (monopoly) for the service exists; performance and price competition are not available. A monopoly is an <i>“Exclusive control of the supply of any service in a given market. If more than one source in a given market exists, a monopoly does not exist.”</i>
<input type="checkbox"/>	➤ Compliance with applicable statutory and/or regulatory provisions.
<input type="checkbox"/>	➤ Compliance with State and/or federal programmatic requirements.
<input type="checkbox"/>	➤ Services provided by other public or County-related entities.
<input checked="" type="checkbox"/>	➤ Services are needed to address an emergent or related time-sensitive need.
<input type="checkbox"/>	➤ The service provider(s) is required under the provisions of a grant or regulatory requirement.
<input checked="" type="checkbox"/>	➤ Additional services are needed to complete an ongoing task and it would be prohibitively costly in time and money to seek a new service provider.
<input type="checkbox"/>	➤ Services are needed during the time period required to complete a solicitation for replacement services; provided services are needed for no more than 12 months from the expiration of an existing contract which has no available option periods.
<input type="checkbox"/>	➤ Maintenance and support services are needed for an existing solution/system during the time to complete a solicitation for a new replacement solution/ system; provided the services are needed for no more than 24 months from the expiration of an existing maintenance and support contract which has no available option periods.
<input type="checkbox"/>	➤ Maintenance service agreements exist on equipment which must be serviced by the original equipment manufacturer or an authorized service representative.
<input checked="" type="checkbox"/>	➤ It is more cost-effective to obtain services by exercising an option under an existing contract.
<input type="checkbox"/>	➤ It is in the best economic interest of the County (e.g., significant costs to replace an existing system or infrastructure, administrative cost savings and excessive learning curve for a new service provider, etc.) In such cases, departments must demonstrate due diligence in qualifying the cost-savings or cost-avoidance associated with the best economic interest of the County.

**Anthony Baker** Digitally signed by Anthony Baker  
Date: 2021.10.21 10:48:36 -07'00'

Chief Executive Office

10/21/21

Date

## BOARD LETTER/MEMO – FACT SHEET OPERATIONS CLUSTER

☒ Board Letter

☐ Board Memo

☐ Other

<b>OPS CLUSTER AGENDA REVIEW DATE</b>	10/27/2021	
<b>BOARD MEETING</b>	11/16/2021	
<b>DELEGATED AUTHORITY BOARD LETTER</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>SUPERVISORIAL DISTRICT AFFECTED</b>	All	
<b>DEPARTMENT</b>	Chief Executive Office; Internal Service and Public Works	
<b>SUBJECT</b>	FACILITY REINVESTMENT PROGRAM - APPROVE CAPITAL AND EXTRAORDINARY MAINTENANCE PROJECTS AND BUDGETS; APPROPRIATION ADJUSTMENT; AND INCREASE USE OF LEASE REVENUE OBLIGATION NOTES FINANCING ALL DISTRICTS – FISCAL YEAR 2021-22	
<b>PROGRAM</b>	Facility Reinvestment Program (FRP)	
<b>SOLE SOURCE CONTRACT</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	If Yes, please explain why:	
<b>DEADLINES/ TIME CONSTRAINTS</b>	None	
<b>COST &amp; FUNDING</b>	Total cost: \$230,236,000	Funding source: Extraordinary Maintenance Budget NCC (\$85.36M) & Lease Revenue Obligation Notes (LRON) (\$144.88M).
	TERMS (if applicable):	
	Explanation: Approval of the recommended actions will establish new capital projects (CPs); authorize an increase in use of LRON financing; and appropriate NCC & LRON in the CPs	
<b>PURPOSE OF REQUEST</b>	The recommended actions will authorize the implementation of 52 new deferred maintenance and building system replacement capital projects to improve building conditions and to extend the useful life of the capital assets through the replacement of major building systems.	
<b>BACKGROUND (include internal/external issues that may exist)</b>	On December 17, 2019, the Board approved 254 projects with a budget totaling \$241.750M and aggregate TPCE of \$620.586M to be delivered by the Internal Services Department (ISD) and Public Works using Job Order Contracting (JOC). Subsequently, ISD and Public Works conducted a more detailed analysis on the scope, cost, schedule, and delivery method for each of the approved projects, and on January 5, 2021, the Board adopted the recommended revised budget of \$238.283M and TPCE of \$522.9M. Through subsequent budget cycles and mi-year budget adjustments, the current program budget and TPCE are \$279.149M and \$509.573M respectively. 136 projects have been completed; 34 projects were merged, cancelled, or deferred leaving 84 currently active projects. The 52 new projects recommended herein will bring the number of active projects up to 136.	
<b>DEPARTMENTAL AND OTHER CONTACTS</b>	Name, Title, Phone # & Email: <ul style="list-style-type: none"> <li>• Amir Alam, Manager, CEO aalam@ceo.lacounty.gov</li> <li>• Richard Beltran, Principal Analyst, CEO 213-893-7840 rbeltran@ceo.lacounty.gov</li> </ul>	



# County of Los Angeles CHIEF EXECUTIVE OFFICE

Kenneth Hahn Hall of Administration  
500 West Temple Street, Room 713, Los Angeles, California 90012  
(213) 974-1101  
<http://ceo.lacounty.gov>

FESIA A. DAVENPORT  
Chief Executive Officer

Board of Supervisors  
HILDA L. SOLIS  
First District

HOLLY J. MITCHELL  
Second District

SHEILA KUEHL  
Third District

JANICE HAHN  
Fourth District

KATHRYN BARGER  
Fifth District

November 16, 2021

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**FACILITY REINVESTMENT PROGRAM  
APPROVE CAPITAL AND EXTRAORDINARY MAINTENANCE PROJECTS AND  
BUDGETS; APPROPRIATION ADJUSTMENT; AND INCREASE USE OF LEASE  
REVENUE OBLIGATION NOTES FINANCING  
ALL DISTRICTS – FISCAL YEAR 2021-22  
(4 VOTES)**

**SUBJECT**

The recommended actions will approve revised project budgets, new capital project numbers; appropriation adjustment; an increase in the use of Lease Revenue Obligation Notes for various capital projects of the Facility Reinvestment Program; and will authorize the Directors of Public Works and Internal Services to deliver the proposed projects using Board-approved Job Order Contracts.

**IT IS RECOMMENDED THAT THE BOARD:**

1. Find that the proposed Fiscal Year (FY) 2021-22 repair and system replacement projects identified in Enclosure A are exempt from the California Environmental Quality Act for the reasons stated in this letter and in the record of the projects.
2. Approve the 52 proposed projects, which include 46 Capital Projects and six Extraordinary Maintenance Projects, for construction as reflected in Enclosure A.
3. Approve the budget of \$230,236,000 for the 52 proposed projects, increasing the revised Facility Reinvestment Program budget to \$509,385,000 and Total Project Cost Estimate to \$739,809,000, and authorize the use of an additional \$144,876,000 in Lease Revenue Obligation Notes for the total revised financing authority of \$319,913,000.

4. Authorize the Directors of Public Works and Internal Services, or their designees, to deliver the proposed projects identified in Enclosure A using Board-approved Job Order Contracts.
5. Authorize the Directors of Public Works and the Internal Services, or their designees, subject to finding of exemption under the California Environmental Quality Act, to issue work orders for the six Extraordinary Maintenance Projects in Enclosure A that are not subject to the State Public Contract Code, in an amount not to exceed the maximum contract amount of \$5.25 million for an individual work order and for the total combined work orders issued under a particular Job Order Contract, upon receipt of funding authorization from the Chief Executive Office or the appropriate funding source.
6. Approve and delegate authority to the Chief Executive Officer, or her designee, to execute Whole Building Approach Owner Agreements with Southern California Edison and the City of Los Angeles Department of Water and Power to receive one-time financial incentives for participation in the Savings by Design for Partnerships Program, or other applicable sustainability programs, for eligible Facility Reinvestment Program projects that will exceed minimum Title 24 Code requirements.
7. Approve an appropriation adjustment to transfer a total of \$81,198,000 in net County cost from the Extraordinary Maintenance Budget to 46 General Fund Capital Projects and increase various Special Fund Capital Projects by \$144,876,000 in appropriation and Lease Revenue Obligation Notes revenue to realign the capital project budgets of the Facility Reinvestment Program with revised project cost estimates as reflected in Enclosure A.

#### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

Approval of the recommended actions will find that the proposed projects reflected in Enclosure A are exempt from the provisions of the California Environmental Quality Act (CEQA); approve the revised Facility Reinvestment Program (Program) budget of \$509,385,000 and revised Total Project Cost Estimate (TPCE) of \$739,809,000; authorize the use of an additional \$144,876,000 in Lease Revenue Obligation Notes (LRON) financing; approve an appropriation adjustment to transfer a total of \$81,198,000 in net County cost (NCC) from the Extraordinary Maintenance Budget to 46 General Fund capital project budgets; increase various Special Fund Capital Projects by \$144,876,000 in appropriation and LRON revenue to align the project budgets with TPCEs; and authorize the Directors of Public Works and Internal Services to use Board-approved Job Order Contracts (JOC) to deliver the projects.

## **Background**

On December 17, 2019, the Board approved 254 projects with a budget totaling \$241,750,000 and aggregate TPCE of \$620,586,000 to be delivered by the Department of Public Works (Public Works) and Internal Services Department (ISD) using JOC. Subsequently, Public Works and ISD conducted a more detailed analysis on the scope, cost, schedule, and delivery method for each of the approved projects, and on January 5, 2021, the Board adopted the revised budget of \$238,283,000, aggregate TPCE of \$522,900,000, and use of \$137,817,000 in LRON. Through subsequent Mid-Year Budget adjustments and Final and Supplemental Budget cycles, the current Program budget is \$279,149,000, TPCE is \$509,573,000, and LRON financing authority is \$175,037,000.

Since approval of the 254 projects, 136 projects have been completed and 34 projects were merged, cancelled, or deferred resulting in 84 remaining active projects. The 52 new projects recommended herein will add to the Program, bringing the number of active projects to 136.

## **Project Selection**

The proposed repair and system replacement projects were selected based on the ranking of severity and criticality of the building system condition. Public Works, ISD, and the Chief Executive Office (CEO) met with each department to ensure the list of proposed projects are in alignment with the department's programmatic and operational priorities.

The selection process started with a download of deficiency and system replacement project data from the Strategic Asset Management (SAM) database. The downloaded projects were then sorted by priority scores that consider the degree of deterioration, anticipated remaining service life, and are further weighted by the degree of risk for consequence of failure. Upon determining the facilities with the highest priority projects, other lower priority projects at these sites were also evaluated and considered for implementation, if economies of scale could be realized, or if implementing the lower priority project simultaneously would minimize impacts on the facility and department operations.

Total project costs must be approved for each Capital Project before contractors are authorized to proceed with the construction phase. Therefore, the recommended budget of \$230,236,000 for the 52 proposed projects in Enclosure A is authorizing the entire TPCE for these projects even though Public Works and ISD are forecasted to only spend \$101,594,000 in FY 2021-22. The approval will allow Public Works and ISD to start construction in FY 2021-22 and continue construction work into the following fiscal years. Any unspent funds allocated to these projects will be carried over to the next fiscal years.

### **IMPLEMENTATION OF STRATEGIC PLAN GOALS**

This action meets the County's Strategic Plan Goals III.3, Pursue Operational Effectiveness, Fiscal Responsibility, and Accountability by investing in public infrastructure that will sustain and improve County services and facilities by effectively managing County resources for the County of Los Angeles residents and visitors.

### **FISCAL IMPACT/FINANCING**

The Board approved the current Program on January 5, 2021, with a budget of \$238,283,000, a TPCE of \$522,900,000, and use of \$137,817,000 in LRON. Through Board approval of Mid-Year Budget adjustments and Final and Supplemental Budget cycles, the current approved budget for the Program is \$279,149,000, TPCE is \$509,573,000, and LRON financing authority is \$175,037,000.

For the 52 proposed projects in Enclosure A, the recommended actions in this Board letter will approve the project budgets and TPCEs of \$230,236,000, which will be funded with \$85,360,000 in NCC and \$144,876,000 in LRON. This will increase the overall Program budget to \$509,385,000 and TPCE to \$739,809,000. The authority for the use of LRON for the Program will also increase by \$144,876,000 for revised financing authority of \$319,913,000.

Approval of the enclosed Appropriation Adjustment (Enclosure B) will transfer a total of \$81,198,000 in net County cost from the Extraordinary Maintenance Budget to 46 General Fund Capital Projects and will increase appropriation and LRON by \$144,876,000 in various Special Fund Capital projects reflected in Enclosure A to align the current project budgets with revised TPCEs.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

In accordance with the County of Los Angeles Civic Art Policy (Policy) updated on August 4, 2020, the repair and building system replacement projects reflected in Enclosure A are exempt from requirements of the Policy.

In accordance with the Board's Countywide Local and Targeted Worker Hiring Policy updated on June 11, 2019, the proposed projects with a total project budget greater than \$2,500,000 will have a mandatory hiring goal of at least 30 percent California construction labor hours be performed by local residents and a mandatory hiring goal of at least ten percent of California construction labor hours on the project be performed by those classified as Targeted Workers. The proposed projects with a total project budget between \$500,000 and \$2,500,000 will include a best efforts goal that at least 30 percent of the total California craft worker hours for construction of the projects be performed by Local Residents and will not include the "Targeted Worker" component. The proposed projects with a total project budget less than \$500,000 will not include a local worker requirement.

## **ENVIRONMENTAL DOCUMENTATION**

The recommended actions, including the proposed repair and building system replacement projects identified in Enclosure A are categorically exempt from CEQA. The projects consist of repairs to existing County buildings and facilities. The proposed projects are within certain classes of projects that have been determined not to have a significant effect on the environment in that they meet criteria set forth in sections 15301(a), (d), and (l), 15302(b) and (c) and 15303 of the State CEQA Guidelines and Classes 1(c), (d), (h), (i), (j), (l), and (m), 2(a), (b), and (e) and 3 of the County's Environmental Document Reporting Procedures and Guidelines, Appendix G. The projects provide for repair of existing facilities and structures with negligible or no expansion of an existing use and replacement of existing facilities at the same site with new facilities of substantially the same purpose and capacity and installation of new small equipment in existing facilities.

Once the scope of work for each project is further defined, the department overseeing the work will review to confirm applicability of the categorical exemptions identified. To the extent any of the projects are determined not to meet the requirements for the exemptions, further recommendations regarding CEQA will be made prior to implementation. Additionally, the individual proposed projects included in Enclosure A will comply with all applicable regulations, are not located in a sensitive environment, and there are no cumulative impacts, unusual circumstances, damage to scenic highways, listing on hazardous waste sites compiled pursuant to Government Code section 65962.5, or indications that the projects may cause a substantial adverse change in the significance of a historical resource that would make the exemptions inapplicable based on the records of the proposed projects.

Upon the Board's approval of the recommended actions, Public Works and ISD will file Notices of Exemption for the newly approved projects in Enclosure A with the Registrar-Recorder/County Clerk for the repair and system replacement projects in accordance with section 21152 of the Public Resources Code.

## **CONTRACTING PROCESS**

Public Works and ISD intend to continue to use Board-approved, on-call consultants to complete the necessary design and engineering required for the proposed repair and system replacement projects. Construction of the proposed projects will be completed using Board-approved JOCs, a previously Board-approved Energy Efficiency Projects Master Agreement, and Facility Ancillary Services Master Agreement. Those eligible projects that do not exceed the \$50,000 "Force Account" limit set forth in the Public Contracting Code will be delivered by ISD using its own staff, where possible.



The Board has approved the use of Best Value Selection on as an option for delivering County construction projects with a construction cost of \$1,000,000 or more. The Board has also adopted the Best Value Selection Contracting Policy and Procedures for implementation of Best Value Selection. Public Works is evaluating various delivery methods, including JOC, Design-Bid-Build, Design-Build, and Best Value Selection for delivery of some of the larger, and more technically complex projects. If Public Works and/or ISD identifies appropriate projects to be delivered using Best Value Selection, they will return to the Board for approval of the required authorities.

### **IMPACT ON CURRENT SERVICES**

County facilities will continue to remain operational and open to the public during the repair work. Public Works and ISD will coordinate with each of the affected departments and the contractors to phase and schedule the work to minimize disruption to facility operations and to maintain public access. If a location must close for a limited or extended duration, planning will be done with impacted departments to assist them in co-locating or consolidating to alternate locations.

### **CONCLUSION**

Please return one adopted copy of this letter to CEO, Capital Programs Division.

Respectfully submitted,

FESIA A. DAVENPORT  
Chief Executive Officer

FAD:JMN:JTC  
JC:VM:AMA:RJB:ns

Enclosures

c: Executive Office, Board of Supervisors  
County Counsel  
Auditor-Controller  
Internal Services  
Public Works

No.	Mgmt.	Dist.	Dept	Capital Project Name	EM	A01-CP	J26-CP	Building	Project Description	EM	A01-CP	J26-CP	TPCE
1	ISD	1	AO	East LA County Hall HVAC System Replacement	01420	87789	-	East LA County Hall	Removal and replacement of HVAC system including 2 rooftop air handlers and boiler.	34,000	867,000	-	901,000
2	ISD	1	BS	Hall of Administration HVAC & Electrical System Replacement	01410	87751	89223	Hall of Administration	Removal and replacement of HVAC system, including air handling units and associated mechanical and electrical components.	66,000	2,234,000	13,829,000	16,129,000
3	ISD	1	CL	Montebello Library Roof and Drainage Replacement	01450	87755	-	Montebello Library	Replace the existing gravel roofing system and coordinate with roof structure and drainage system.	39,000	3,574,000	-	3,613,000
4	ISD	1	DA	Hall of Records Basement MEP DM Replacement	01430	87752	89225	Hall of Records	Removal and replacement of the HVAC air handling units and associated mechanical and plumbing components.	153,000	1,590,000	10,482,000	12,225,000
5	PW	1	DA	Hall of Records Fire Sprinkler System Installation	-	87753	89226	Hall of Records	Installation of Building Code-required fire sprinkler system.	-	2,520,000	10,080,000	12,600,000
6	ISD	1	IS	Adams and Grand Complex Power Plant Roof Replacement	-	-	89237	Adams and Grand Power Plant	Removal and replacement of roofing system; and coordinate with roof mounted mechanical equipment.	-	-	1,070,000	1,070,000
7	ISD	1	IS	Twin Towers Correctional Central Plant Replace HVAC & Roof	-	87775	89242	Central Plant	Removal and replacement of the HVAC system.	-	-	-	-
									Removal and replacement of the roofing system.	-	1,711,000	10,284,000	11,995,000
43	ISD	1	CL	West Covina Regional Library Electrical & Elevator Repairs	01350	87757	-	West Covina Regional Library	Repair of the electrical system and elevator.	39,000	813,000	-	852,000
8	ISD	1	PH	Ferguson Administrative Complex Roof Replacement	-	87790	-	Ferguson Administrative Services Center	Removal and replacement of the roofing system and coordinate with existing rooftop HVAC system.	-	9,993,000	-	9,993,000
9	ISD	1	PK	Allen J Martin Park Shade Structure & Electrical Shed Roof Replacement	01460	-	-	Electrical shed	Removal and replacement of roofing system and roof structure.	-	-	-	-
								Wood Shade Structure	Removal and replacement of roofing system and roof structure.	124,000	-	-	124,000
10	ISD	1	PK	Belvedere Park Maintenance Building Roof & HVAC Replacement	01480	-	-	Maintenance Building	Removal and replacement of roof system.	-	-	-	-
									Removal and replacement of HVAC system.	270,000	-	-	270,000
11	ISD	1	PK	City Terrace Park Recreation Office Roof Replacement	01100	87762	-	Recreation Building/Office	Removal and replacement of roofing system.	168,000	1,010,000	-	1,178,000
12	ISD	1	PK	Obregon Park Gymnasium HVAC & Roof Replacement	-	87765	89230	Obregon Gymnasium	Removal and replacement of HVAC system.	-	-	-	-
									Removal rooftop solar and communication equipment and roof system, replace roof and reinstall rooftop equipment.	-	548,000	3,294,000	3,842,000
13	ISD	1	PK	Rimgrove Park Recreation Building Roof Replacement	01180	-	-	Recreation Building	Removal and replacement of roofing system.	219,000	-	-	219,000
14	ISD	1	PK	Ruben Salazar Park Gym Electrical & Roof Repairs	01200	-	89232	Gymnasium/Auditorium	Removal and replacement of roof system.	-	-	-	-
									Removal and replacement of electrical system panels	10,000	-	997,000	1,007,000
15	ISD	1	PK	Saybrook Park Recreation Building Roof System Replacement	01210	-	-	Recreation Building	Removal and replacement of roofing system.	31,000	-	-	31,000
16	ISD	1	PS	Adams & Grand Complex Roofing, Elevators & Fire Protection	01280	87771	89238	Adams and Grand Building	Removal and replacement of elevator mechanical system.	-	-	-	-
									Removal and replacement of fire protection system.	-	-	-	-
									Removal and replacement of roof system.	-	-	-	-
									Removal and replacement of roof drainage system in coordination with the replacement of the roof.	170,000	2,825,000	11,670,000	14,665,000
17	ISD	1	PS	Belvedere AP District Office Electrical System Replacements	01290	87772	-	Belvedere AP District Office	Removal and replacement of electrical system panels	31,000	5,897,000	-	5,928,000
18	ISD	1	SH	Biscailuz Regional Training Center HVAC System Replacement	-	87779	-	Biscailuz Regional Training Center	Removal and replacement of HVAC System.	-	1,042,000	-	1,042,000
19	ISD	1	SH	East Los Angeles Station Roof and HVAC Replacements	01300	87773	89240	East Los Angeles Station	Removal and replacement of HVAC system, including air handling units and associated	-	-	-	-
									Removal and replacement of roofing system in coordination with the replacement of the HVAC mechanical equipment.	58,000	912,000	5,836,000	6,806,000
20	PW	1	SH	Scientific Services Bur. Lab. Replace HVAC & Electrical Sys.	-	87785	-	Scientific Services Bureau Laboratory	Removal and replacement of electrical and HVAC systems.	-	9,789,000	-	9,789,000
21	ISD	1	WD	East LA Service Center Plumbing Replacement	01330	87788	89246	East Los Angeles Service Center	Removal and replacement of deteriorated plumbing system.	56,000	130,000	1,117,000	1,303,000
22	ISD	2	PK	Alondra Park Auditorium HVAC System Replacement	01470	87758	-	Alondra Auditorium	Removal and replacement of HVAC system.	304,000	1,826,000	-	2,130,000
23	ISD	2	PK	Enterprise Park Gymnasium Electrical System Repairs	01120	-	-	Enterprise Gymnasium	Removal and replacement of electrical system.	308,000	-	-	308,000
24	ISD	2	PK	F.D. Roosevelt Park Gym./Comm. Building Roof Replacement	-	87766	89231	Gymnasium/Community Building	Removal and replacement of upper and lower roof systems.	-	382,000	2,294,000	2,676,000
25	ISD	2	PK	Mary M. Bethune Park Gymnasium HVAC System Replacement	01150	87761	-	Bethune Gymnasium	Removal and replacement of HVAC system.	269,000	1,619,000	-	1,888,000
26	ISD	2	PK	Victoria Park Gymnasium HVAC & Roof Replacement	01230	87767	89233	Victoria Gymnasium	Removal and replacement of roofing system.	-	-	-	-
									Removal and replacement of the HVAC system.	90,000	476,000	3,407,000	3,973,000
27	ISD	2	SH	Youth Athletic Program-A Building Repairs	-	87786	-	Youth Athletic Program - A	Replacement of the roofing system and skylights.	-	2,886,000	-	2,886,000
28	PW	2	TC	Public Admin. Warehouse Replace Roof, HVAC & Electrical Sys.	-	87787	89245	Public Administrator Warehouse	Repair roof structure and replace roofing, HVAC and electrical systems.	10,000	3,440,000	13,800,000	17,250,000
29	ISD	3	AO	Malibu Admin Center and Library Roof & HVAC Replacements	01440	87754	89227	Malibu Administrative Center	Removal and replacement of the HVAC system.	-	-	-	-
									Removal and replacement of roofing system.	112,000	2,057,000	13,038,000	15,207,000
30	ISD	3	PB	Barry J Nidorf Juvenile Hall Dorm HVAC System Replacements	01240	-	89234	Boys Dorm A/B 6	Removal and replacement of the HVAC air handling units and associated mechanical and plumbing components.	-	-	-	-
								Boys Dorm C/D 7	-	-	-	-	
								Boys Dorm E/F 8	-	-	-	-	
								Boys Dorm G/H 9	-	-	-	-	
								Boys Dorm J/K 10	-	-	-	-	
								Boys Dorm L/M 11	-	-	-	-	
								Boys Dorm R/S 15	-	-	-	-	
								Boys Dorm T/V 16	-	-	-	-	
									155,000	-	8,568,000	8,723,000	
31	ISD	3	PB	Camp Scott Pumps Houses 1 & 2 Roof Replacements	01270	87770	-	Camp Scott Pumphouse 2	Removal and replacement of the HVAC system.	-	-	-	-
								Camp Scott Pumphouse 1	Removal and replacement of roofing system.	13,000	897,000	-	910,000
32	ISD	3	PK	El Cariso Park Maintenance Building Roof Structure Repair	01110	87764	-	Maintenance Building	Repair of the roof structure.	-	-	-	-
									Removal and replacement of roofing system.	30,000	708,000	-	738,000
33	ISD	3	SH	Malibu/Lost Hills Station Roof Replacement	-	87782	-	Malibu / Lost Hills Station	Removal and replacement of roofing system.	-	1,411,000	-	1,411,000
34	ISD	4	BH	Torrance Beach-Clifton DM Improvements	-	87750	-	Torrance Beach-Clifton Concession Stand	Removal and replacement of stucco and repaint exterior walls.	-	-	-	-
									Removal and replacement of the roof top heating unit and exhaust fan.	-	-	-	-
									Remove and replace roofing membrane at the mechanical portion of the roof.	-	-	-	-
									Remove and replace the deteriorated roof structure.	-	963,000	-	963,000
35	ISD	4	PK	Rowland Heights Park Maintenance Building Roof Replacement	01190	-	-	Maintenance Building	Removal and replacement of roofing system.	410,000	-	-	410,000
36	ISD	4	PK	South Coast Botanic Garden Service Building Roof Replacement	01220	-	-	Service Building	Removal and replacement of roofing system.	186,000	-	-	186,000
37	ISD	4	SH	Avalon Station HVAC System Replacement	-	87777	-	Avalon Station	Removal and replacement of the HVAC system.	-	1,959,000	-	1,959,000

No.	Mgmt.	Dist.	Dept	Capital Project Name	EM	A01-CP	J26-CP	Building	Project Description	EM	A01-CP	J26-CP	TPCE
38	ISD	4	SH	Lakewood Station Roof Replacement	-	87780	-	Lakewood Station	Removal and replacement of roofing system.	-	908,000	-	908,000
39	PW	4	SH	Lomita Station Electrical, Fire & HVAC System Replacement	TBD	87781	-	Lomita Station	Replacement of the building electrical, HVAC, and fire systems replacement.	43,000	3,841,000	-	3,884,000
40	PW	4	SH	Norwalk Station Electrical System Replacement and Site Repairs	-	87783	89244	Norwalk Station	Repair electrical system site equipment.	-	-	-	-
									Replacement of the building electrical system.	-	1,543,000	5,922,000	7,465,000
41	PW	4	SH	RLASC-Sheriff Crime Lab Replace Roof and Electrical System	-	87778	-	Sheriff Crime Lab	Replacement of the building electrical system.	-	-	-	-
									Repair and replacement of exterior widow and door enclosures.	-	2,561,000	-	2,561,000
42	ISD	5	CL	La Canada Flintridge Library HVAC Chiller Replacement	01340	87756	-	La Canada Flintridge Library	Removal and replacement of the HVAC system chiller.	34,000	722,000	-	756,000
44	ISD	5	PB	Camp Afflerbaugh Dorm, School & Kitchen System Replacements	01250	87768	89235	Camp Afflerbaugh Dormitory	Removal and replacement of roofing system and exterior enclosures (windows and doors).	-	-	-	-
								Camp Afflerbaugh Kitchen/Mess Hall	Removal and replacement of roofing system.	-	-	-	-
									Replacement of the building electrical system panels.	-	-	-	-
								Camp Afflerbaugh School Building	Replacement of electrical, roof and HVAC systems.	10,000	2,114,000	10,052,000	12,176,000
45	ISD	5	PB	Camp Paige Various Building System Replacements	01260	87769	89236	Camp Paige Administration Building	Replacement of the building electrical system.	-	-	-	-
									Removal and replacement of the HVAC system.	-	-	-	-
								Camp Paige Dormitory	Replacement of the building electrical system.	-	-	-	-
									Replacement of the building electrical system.	-	-	-	-
									Replacement of exterior enclosures (windows and doors).	-	-	-	-
									Removal and replacement of roofing system.	-	-	-	-
								Camp Paige Kitchen/Mess Hall	Replacement of exterior enclosures (windows and doors).	-	-	-	-
									Replacement of the building electrical system.	-	-	-	-
									Removal and replacement of the HVAC system.	-	-	-	-
									Removal and replacement of roofing system.	-	-	-	-
								Camp Paige MaintenanceBuilding	Removal and replacement of the HVAC system.	-	-	-	-
									Removal and replacement of roofing system.	-	-	-	-
								Camp Paige Recreation Building	Replacement of the building electrical system.	-	-	-	-
								Camp Paige School / ShopBuilding	Removal and replacement of roofing system.	81,000	1,696,000	11,047,000	12,824,000
46	ISD	5	PK	Arboretum East Propagation Greenhouse System Replacements	-	87760	89229	East Propagation Greenhouse	Replacement of glass enclosures, roof, HVAC & electrical systems.	-	187,000	1,125,000	1,312,000
				Arboretum Volunteer Building System Replacements	01130	87759	-	Youth & Volunteer Building	Replacement of the building electrical system.	-	-	-	-
									Removal and replacement of the HVAC system.	-	-	-	-
									Replace the glazing system and exterior doors.	-	-	-	-
									Replace the roof, repair wood structure, and provide ventilation.	28,000	1,103,000	-	1,131,000
47	ISD	5	PK	Castaic Lake First Aid Kiosk Roof Replacement	01490	-	-	First Aid Kiosk	Removal and replacement of roofing system.	107,000	-	-	107,000
48	ISD	5	PK	Los Robles Park Recreation Building Roof Replacement	01140	-	-	Recreation Building	Removal and replacement of roofing system.	477,000	-	-	477,000
49	ISD	5	PK	Parks & Rec East Services Agency Roof and HVAC Systems Replacement	01170	87763	-	Transportation Building	Removal and replacement of roofing system.	-	-	-	-
									Removal and replacement of the HVAC system.	-	-	-	-
								Weld Shop	Repair metal roof and repainting of exterior vertical enclosures.	24,000	788,000	-	812,000
50	PW	5	SH	McCourtney Complex Replace Electrical & Fire Alarm Systems	-	87776	89243	Delinquency Court Detective Division	Removal and replacement of electrical, fire protection and mechanical system components.	3,000	809,000	4,880,000	5,692,000
51	ISD	5	SH	North County Correctional Facility Replace Fire Alarm System	-	87774	89241	Buildings A, B, C & D	Replacement of the fire protection system.	-	347,000	2,084,000	2,431,000
52	PW	5	SH	San Dimas Station Annex Building Repairs	-	87784	-	San Dimas Station	Repair and replace exterior vertical enclosures, horizontal enclosures, locker room renovation.	-	500,000	-	500,000
Grand Total										4,162,000	81,198,000	144,876,000	230,236,000

November 30, 2021

COUNTY OF LOS ANGELES

**REQUEST FOR APPROPRIATION ADJUSTMENT**

DEPARTMENT OF CHIEF EXECUTIVE OFFICER

**AUDITOR-CONTROLLER:**

THE FOLLOWING APPROPRIATION ADJUSTMENT IS DEEMED NECESSARY BY THIS DEPARTMENT. PLEASE CONFIRM THE ACCOUNTING ENTRIES AND AVAILABLE BALANCES AND FORWARD TO THE CHIEF EXECUTIVE OFFICER FOR HER RECOMMENDATION OR ACTION.

**ADJUSTMENT REQUESTED AND REASONS THEREFORE****FY 2021-22****4 - VOTES****SOURCES**

BA DETAIL - SEE ATTACHMENT PAGES 1 - 7

**USES**

BA DETAIL - SEE ATTACHMENT PAGES 1 - 7

**SOURCES TOTAL****\$ 226,074,000****USES TOTAL****\$ 226,074,000****JUSTIFICATION**

Reflects transfers of net County cost between the Extraordinary Maintenance budget and various General Fund capital projects; and adjusts Lease Revenue Obligation Notes appropriation and revenue in special fund capital projects to fund projects in the Facility Reinvestment Program.

**AUTHORIZED SIGNATURE**

JAMES YUN, MANAGER, CEO

BOARD OF SUPERVISOR'S APPROVAL (AS REQUESTED/REVISED)

REFERRED TO THE CHIEF  
EXECUTIVE OFFICER FOR---☐ ACTION☐ RECOMMENDATION

AUDITOR-CONTROLLER

BY

B.A. NO.

DATE

☐ APPROVED AS REQUESTED☐ APPROVED AS REVISED

CHIEF EXECUTIVE OFFICER

BY

DATE

COUNTY OF LOS ANGELES  
MID-YEAR BUDGET ADJUSTMENT

		FY 2021-22 4 - VOTES	
SOURCES		USES	
EXTRAORDINARY MAINTENANCE		BEACHES AND HARBORS	
A01-CF-2000-12810		EAST LA COUNTY HALL HVAC SYSTEM REPLACEMENT	
SERVICES & SUPPLIES		A01-CP-6014-65024-87789	
DECREASE APPROPRIATION	81,198,000	CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	867,000
		BOARD OF SUPERVISORS EXECUTIVE OFFICE	
		HALL OF ADMINISTRATION HVAC & ELECTRICAL SYSTEM REPLACEMENT	
		A01-CP-6014-65060-87751	
		CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	2,234,000
		LA COUNTY LIBRARY	
		MONTEBELLO LIBRARY ROOF AND DRAINAGE REPLACEMENT	
		A01-CP-6014-65044-87755	
		CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	3,574,000
		DISTRICT ATTORNEY	
		HALL OF RECORDS BASEMENT MEP DM REPLACEMENT	
		A01-CP-6014-65055-87752	
		CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	1,590,000
		DISTRICT ATTORNEY	
		HALL OF RECORDS FIRE SPRINKLER SYSTEM INSTALLATION	
		A01-CP-6014-65055-87753	
		CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	2,520,000
		INTERNAL SERVICES DEPARTMENT	
		TWIN TOWER CORRECTIONAL CENTRAL PLANT REPLACE HVAC & ROOF	
		A01-CP-6014-65049-87775	
		CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	1,711,000
		PUBLIC HEALTH	
		FERGUSON ADMINISTRATIVE COMPLEX ROOF REPLACEMENT	
		A01-CP-6014-65058-87790	
		CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	9,993,000
		PARKS AND RECREATION	
		CITY TERRACE PARK RECREATION OFFICE ROOF REPLACEMENT	
		A01-CP-6014-65043-87762	
		CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	1,010,000
		PARKS AND RECREATION	
		OBREGON PARK GYMNASIUM HVAC & ROOF REPLACEMENT	
		A01-CP-6014-65043-87765	
		CAPITAL ASSETS - B & I	
		INCREASE APPROPRIATION	548,000

COUNTY OF LOS ANGELES  
MID-YEAR BUDGET ADJUSTMENT

FY 2021-22 4 - VOTES	
SOURCES	USES
	PUBLIC SOCIAL SERVICES ADAMS AND GRAND COMPLEX ROOFING, ELEVATORS & FIRE PROTECTION A01-CP-6014-65073-87771 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 2,825,000
	PUBLIC SOCIAL SERVICES BELVEDERE AP DISTRICT OFFICE ELECTRICAL SYSTEM REPLACEMENTS A01-CP-6014-65073-87772 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 5,897,000
	SHERIFF DEPARTMENT BISCAILUZ REGIONAL TRAINING CENTER HVAC SYSTEM REPLACEMENT A01-CP-6014-65046-87779 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 1,042,000
	SHERIFF DEPARTMENT EAST LOS ANGELES STATION ROOF AND HVAC REPLACEMENTS A01-CP-6014-65046-87773 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 912,000
	SHERIFF DEPARTMENT SCIENTIFIC SERVICES BUR LAB REPLACE HVAC & ELECTRICAL SYS A01-CP-6014-65046-87785 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 9,789,000
	WORKFORCE DEVELOPMENT, AGING AND COMMUNITY SERVICES EAST LA SERVICE CENTER PLUMBING REPLACEMENT A01-CP-6014-65054-87788 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 130,000
	PARKS AND RECREATION ALONDRA PARK AUDITORIUM HVAC SYSTEM REPLACEMENT A01-CP-6014-65043-87758 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 1,826,000
	PARKS AND RECREATION F.D. ROOSEVELT PARK GYM./COMM. BUILDING ROOF REPLACEMENT A01-CP-6014-65043-87766 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 382,000
	PARKS AND RECREATION MARY M. BETHUNE PARK GYMNASIUM HVAC SYSTEM REPLACEMENT A01-CP-6014-65043-87761 CAPITAL ASSETS - B & I INCREASE APPROPRIATION 1,619,000

COUNTY OF LOS ANGELES  
MID-YEAR BUDGET ADJUSTMENT

FY 2021-22 4 - VOTES	
SOURCES	USES
	PARKS AND RECREATION <b>VICTORIA PARK GYMNASIUM HVAC &amp; ROOF REPLACEMENT</b> A01-CP-6014-65043-87767 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 476,000
	SHERIFF DEPARTMENT <b>YOUTH ATHLETIC PROGRAM-A BUILDING REPAIRS</b> A01-CP-6014-65046-87786 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 2,886,000
	TRIAL COURTS <b>PUBLIC ADMIN WAREHOUSE REPLACE ROOF HVAC &amp; ELECTRICAL SYS</b> A01-CP-6014-65047-87787 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 3,440,000
	CHIEF EXECUTIVE OFFICE <b>MALIBU ADMIN CENTER AND LIBRARY ROOF &amp; HVAC REPLACEMENTS</b> A01-CP-6014-65076-87754 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 2,057,000
	PROBATION <b>CAMP SCOTT PUMPS HOUSES 1 &amp; 2 ROOF REPLACEMENTS</b> A01-CP-6014-65042-87770 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 897,000
	PARKS AND RECREATION <b>EL CARISO PARK MAINTENANCE BUILDING ROOF STRUCTURE REPAIR</b> A01-CP-6014-65043-87764 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 708,000
	SHERIFF DEPARTMENT <b>MALIBU/LOST HILLS STATION ROOF REPLACEMENT</b> A01-CP-6014-65046-87782 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 1,411,000
	BEACHES AND HARBORS <b>TORRANCE BEACH - CLIFTON DM IMPROVEMENTS</b> A01-CP-6014-65024-87750 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 963,000
	SHERIFF DEPARTMENT <b>AVALON STATION HVAC SYSTEM REPLACEMENT</b> A01-CP-6014-65046-87777 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 1,959,000

COUNTY OF LOS ANGELES  
MID-YEAR BUDGET ADJUSTMENT

FY 2021-22 4 - VOTES	
SOURCES	USES
	SHERIFF DEPARTMENT <b>LAKEWOOD STATION ROOF REPLACEMENT</b> A01-CP-6014-65046-87780 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 908,000
	SHERIFF DEPARTMENT <b>LOMITA STATION ELECTRICAL FIRE &amp; HVAC SYSTEM REPLACEMENT</b> A01-CP-6014-65046-87781 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 3,841,000
	SHERIFF DEPARTMENT <b>NORWALK STATION ELECTRICAL SYSTEM REPLACEMENT AND SITE REPAIRS</b> A01-CP-6014-65046-87783 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 1,543,000
	SHERIFF DEPARTMENT <b>RLASC-SHERIFF CRIME LAB REPLACE ROOF AND ELECTRICAL SYSTEMS</b> A01-CP-6014-65046-87778 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 2,561,000
	LA COUNTY LIBRARY <b>LA CANADA FLINTRIDGE LIBRARY HVAC CHILLER REPLACEMENT</b> A01-CP-6014-65044-87756 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 722,000
	LA COUNTY LIBRARY <b>WEST COVINA REGIONAL LIBRARY ELECTRICAL &amp; ELEVATOR REPAIRS</b> A01-CP-6014-65044-87757 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 813,000
	PROBATION <b>CAMP AFFLERBAUGH DORM, SCHOOL AND KITCHEN SYSTEM REPLACEMENT</b> A01-CP-6014-65042-87768 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 2,114,000
	PROBATION <b>CAMP PAIGE VARIOUS BUILDING SYSTEM REPLACEMENTS</b> A01-CP-6014-65042-87769 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 1,696,000
	PARKS AND RECREATION <b>ARBORETUM EAST PROPAGATION GREENHOUSE SYSTEM REPLACEMENTS</b> A01-CP-6014-65043-87760 CAPITAL ASSETS - B & I <b>INCREASE APPROPRIATION</b> 187,000



COUNTY OF LOS ANGELES  
MID-YEAR BUDGET ADJUSTMENT

FY 2021-22 4 - VOTES			
SOURCES		USES	
		PARKS AND RECREATION ARBORETUM VOLUNTEER BUILDING SYSTEM REPLACEMENTS A01-CP-6014-65043-87759 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	1,103,000
		PARKS AND RECREATION PARKS & REC EAST SERVICES AGENCY ROOF & HVAC SYSTEMS REPLACEMENT A01-CP-6014-65043-87763 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	788,000
		SHERIFF DEPARTMENT MCCOURTNEY COMPLEX REPLACE ELECTRICAL & FIRE ALARM SYSTEMS A01-CP-6014-65046-87776 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	809,000
		SHERIFF DEPARTMENT NORTH COUNTY CORRECTIONAL FACILITY REPLACE FIRE ALARM SYSTEM A01-CP-6014-65046-87774 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	347,000
		SHERIFF DEPARTMENT SAN DIMAS STATION ANNEX BUILDING REPAIRS A01-CP-6014-65046-87784 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	500,000
FACILITY REINVESTMENT CAPITAL PROGRAM HALL OF ADMINISTRATION HVAC & ELECTRICAL SYSTEM REPLACEMENT J26-CP-94-9276-65086-89923 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS INCREASE REVENUE	13,829,000	FACILITY REINVESTMENT CAPITAL PROGRAM HALL OF ADMINISTRATION HVAC & ELECTRICAL SYSTEM REPLACEMENT J26-CP-6014-65086-89923 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	13,829,000
FACILITY REINVESTMENT CAPITAL PROGRAM HALL OF RECORDS BASEMENT MEP DM REPLACEMENT J26-CP-94-9276-65086-89225 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS INCREASE REVENUE	10,482,000	FACILITY REINVESTMENT CAPITAL PROGRAM HALL OF RECORDS BASEMENT MEP DM REPLACEMENT J26-CP-6014-65086-89225 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	10,482,000
FACILITY REINVESTMENT CAPITAL PROGRAM HALL OF RECORDS FIRE SPRINKLER SYSTEM INSTALLATION J26-CP-94-9276-65086-89226 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS INCREASE REVENUE	10,080,000	FACILITY REINVESTMENT CAPITAL PROGRAM HALL OF RECORDS FIRE SPRINKLER SYSTEM INSTALLATION J26-CP-6014-65086-89226 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	10,080,000
FACILITY REINVESTMENT CAPITAL PROGRAM ADAMS AND GRAND COMPLEX POWER PLANT ROOF REPLACEMENT J26-CP-94-9276-65086-89237 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS INCREASE REVENUE	1,070,000	FACILITY REINVESTMENT CAPITAL PROGRAM ADAMS AND GRAND COMPLEX POWER PLANT ROOF REPLACEMENT J26-CP-6014-65086-89237 CAPITAL ASSETS - B & I INCREASE APPROPRIATION	1,070,000

COUNTY OF LOS ANGELES  
MID-YEAR BUDGET ADJUSTMENT

FY 2021-22  
4 - VOTES

SOURCES	USES
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>TWIN TOWER CORRECTIONAL CENTRAL PLANT REPLACE HVAC &amp; ROOF</b>  J26-CP-94-9276-65086-89242  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 10,284,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>TWIN TOWER CORRECTIONAL CENTRAL PLANT REPLACE HVAC &amp; ROOF</b>  J26-CP-6014-65086-89242  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 10,284,000</b></p>
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>OBREGON PARK GYMNASIUM HVAC &amp; ROOF REPLACEMENT</b>  J26-CP-94-9276-65086-89230  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 3,294,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>OBREGON PARK GYMNASIUM HVAC &amp; ROOF REPLACEMENT</b>  J26-CP-6014-65086-89230  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 3,294,000</b></p>
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>RUBEN SALAZAR PARK GYM ELECTRICAL &amp; ROOF REPAIRS</b>  J26-CP-94-9276-65086-89232  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 997,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>RUBEN SALAZAR PARK GYM ELECTRICAL &amp; ROOF REPAIRS</b>  J26-CP-6014-65086-89232  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 997,000</b></p>
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>ADAMS AND GRAND COMPLEX ROOFING, ELEVATORS &amp; FIRE PROTECTION</b>  J26-CP-94-9276-65086-89238  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 11,670,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>ADAMS AND GRAND COMPLEX ROOFING, ELEVATORS &amp; FIRE PROTECTION</b>  J26-CP-6014-65086-89238  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 11,670,000</b></p>
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>EAST LOS ANGELES STATION ROOF AND HVAC REPLACEMENTS</b>  J26-CP-94-9276-65086-89240  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 5,836,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>EAST LOS ANGELES STATION ROOF AND HVAC REPLACEMENTS</b>  J26-CP-6014-65086-89240  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 5,836,000</b></p>
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>EAST LA SERVICE CENTER PLUMBING REPLACEMENT</b>  J26-CP-94-9276-65086-89246  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 1,117,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>EAST LA SERVICE CENTER PLUMBING REPLACEMENT</b>  J26-CP-6014-65086-89246  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 1,117,000</b></p>
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>F.D. ROOSEVELT PARK GYM./COMM. BUILDING ROOF REPLACEMENT</b>  J26-CP-94-9276-65086-89231  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 2,294,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>F.D. ROOSEVELT PARK GYM./COMM. BUILDING ROOF REPLACEMENT</b>  J26-CP-6014-65086-89231  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 2,294,000</b></p>
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>VICTORIA PARK GYMNASIUM HVAC &amp; ROOF REPLACEMENT</b>  J26-CP-94-9276-65086-89233  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 3,407,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>VICTORIA PARK GYMNASIUM HVAC &amp; ROOF REPLACEMENT</b>  J26-CP-6014-65086-89233  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 3,407,000</b></p>
<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>PUBLIC ADMIN WAREHOUSE REPLACE ROOF HVAC &amp; ELECTRICAL SYS</b>  J26-CP-94-9276-65086-89245  LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS  <b>INCREASE REVENUE 13,800,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM  <b>PUBLIC ADMIN WAREHOUSE REPLACE ROOF HVAC &amp; ELECTRICAL SYS</b>  J26-CP-6014-65086-89245  CAPITAL ASSETS - B &amp; I  <b>INCREASE APPROPRIATION 13,800,000</b></p>

COUNTY OF LOS ANGELES  
MID-YEAR BUDGET ADJUSTMENT

FY 2021-22  
4 - VOTES

SOURCES	USES
<p>FACILITY REINVESTMENT CAPITAL PROGRAM MALIBU ADMIN CENTER AND LIBRARY ROOF &amp; HVAC REPLACEMENTS J26-CP-94-9276-65086-89227 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS <b>INCREASE REVENUE 13,038,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM BARRY J NIDORF JUVENILE HALL DORM HVAC SYSTEM REPLACEMENTS J26-CP-94-9276-65086-89234 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS <b>INCREASE REVENUE 8,568,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM NORWALK STATION ELECTRICAL SYSTEM REPLACEMENT AND SITE REPAIRS J26-CP-94-9276-65086-89244 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS <b>INCREASE REVENUE 5,922,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM CAMP AFFLERBAUGH DORM, SCHOOL &amp; KITCHEN SYSTEM REPLACEMENTS J26-CP-94-9276-65086-89235 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS <b>INCREASE REVENUE 10,052,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM CAMP PAIGE VARIOUS BUILDING SYSTEM REPLACEMENTS J26-CP-94-9276-65086-89236 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS <b>INCREASE REVENUE 11,047,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM ARBORETUM EAST PROPAGATION GREENHOUSE SYSTEM REPLACEMENTS J26-CP-94-9276-65086-89229 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS <b>INCREASE REVENUE 1,125,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM MCCOURTNEY COMPLEX REPLACE ELECTRICAL &amp; FIRE ALARM SYSTEMS J26-CP-94-9276-65086-89243 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS <b>INCREASE REVENUE 4,880,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM NORTH COUNTY CORRECTIONAL FACILITY REPLACE FIRE ALARM SYSTEM J26-CP-94-9276-65086-89241 LEASE REVENUE OBLIGATION NOTES PROCEEDS / CAPITAL PROJECTS <b>INCREASE REVENUE 2,084,000</b></p> <p><b>SOURCES TOTAL \$ 226,074,000</b></p>	<p>FACILITY REINVESTMENT CAPITAL PROGRAM MALIBU ADMIN CENTER AND LIBRARY ROOF &amp; HVAC REPLACEMENTS J26-CP-6014-65086-89227 CAPITAL ASSETS - B &amp; I <b>INCREASE APPROPRIATION 13,038,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM BARRY J NIDORF JUVENILE HALL DORM HVAC SYSTEM REPLACEMENTS J26-CP-6014-65086-89234 CAPITAL ASSETS - B &amp; I <b>INCREASE APPROPRIATION 8,568,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM NORWALK STATION ELECTRICAL SYSTEM REPLACEMENT AND SITE REPAIRS J26-CP-6014-65086-89244 CAPITAL ASSETS - B &amp; I <b>INCREASE APPROPRIATION 5,922,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM CAMP AFFLERBAUGH DORM, SCHOOL &amp; KITCHEN SYSTEM REPLACEMENTS J26-CP-6014-65086-89235 CAPITAL ASSETS - B &amp; I <b>INCREASE APPROPRIATION 10,052,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM CAMP PAIGE VARIOUS BUILDING SYSTEM REPLACEMENTS J26-CP-6014-65086-89236 CAPITAL ASSETS - B &amp; I <b>INCREASE APPROPRIATION 11,047,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM ARBORETUM EAST PROPAGATION GREENHOUSE SYSTEM REPLACEMENTS J26-CP-6014-65086-89229 CAPITAL ASSETS - B &amp; I <b>INCREASE APPROPRIATION 1,125,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM MCCOURTNEY COMPLEX REPLACE ELECTRICAL &amp; FIRE ALARM SYSTEMS J26-CP-6014-65086-89243 CAPITAL ASSETS - B &amp; I <b>INCREASE APPROPRIATION 4,880,000</b></p> <p>FACILITY REINVESTMENT CAPITAL PROGRAM NORTH COUNTY CORRECTIONAL FACILITY REPLACE FIRE ALARM SYSTEM J26-CP-6014-65086-89241 CAPITAL ASSETS - B &amp; I <b>INCREASE APPROPRIATION 2,084,000</b></p> <p><b>USES TOTAL \$ 226,074,000</b></p>



# County of Los Angeles CHIEF EXECUTIVE OFFICE

Kenneth Hahn Hall of Administration  
500 West Temple Street, Room 713, Los Angeles, California 90012  
(213) 974-1101  
<http://ceo.lacounty.gov>

FESIA A. DAVENPORT  
Chief Executive Officer

Board of Supervisors  
HILDA L. SOLIS  
First District

HOLLY J. MITCHELL  
Second District

SHEILA KUEHL  
Third District

JANICE HAHN  
Fourth District

KATHRYN BARGER  
Fifth District

September 17, 2021

To: Supervisor Hilda L. Solis, Chair  
Supervisor Holly J. Mitchell  
Supervisor Sheila Kuehl  
Supervisor Janice Hahn  
Supervisor Kathryn Barger

From: Fesia A. Davenport  
Chief Executive Officer

## **FACILITY REINVESTMENT PROGRAM – FOURTH QUARTER OF FISCAL YEAR 2020-21**

This is to update the status and progress of the Facility Reinvestment Program (Program) for the fourth quarter of Fiscal Year (FY) 2020-21.

### Program Update

As reported in the third quarter, the original plan at the start of the fourth quarter included 100 active projects and a cash flow plan of \$42 million.

Full year cash flow was originally planned at \$93.7 million and was later reduced to \$89 million in the third quarter. Year-end actuals came in at \$79.4 million, achieving approximately 85 percent of the original FY plan. The actual cash flow was under-spent by \$14.3 million due to \$7.5 million of unused contingency and \$6.8 million due to schedule delays and actual construction costs coming in lower than originally estimated.

### Fourth Quarter Highlights

The Program completed 16 projects this quarter, achieving 80 percent of the original plan to complete 20 projects. These projects represent investments across all Supervisorial Districts, and directly benefit seven County Departments and the constituents they serve. Two projects to highlight for the fourth quarter include work completed at the La Mirada Library (Library) and Probation Department (Department) facilities.

The Library project included replacing numerous electrical, lighting, and mechanical deficiencies with code compliant, energy efficient and reliable systems. For example, the project replaced antiquated, pneumatic HVAC controls with a state-of-the-art Direct Digital

Controls and a centralized Energy Management System. The completed project also brings these systems up to code and provides a more comfortable environment for Library staff and the public. Lastly, the higher efficiencies of the new systems are expected to save approximately \$6,400 annually on Library electrical costs.

The Department facilities benefitted from the replacement of roofing, HVAC, fire alarm system, and electrical and lighting system upgrades at five sites. These improvements enhance the Department staff and visitors' safety and comfort, while sustaining the site's ability to efficiently support the Department's mission. Attachment A provides details of all the completed projects in this quarter.

#### Fourth Quarter Metrics:

- The quarter began with 100 active projects. By the end of the quarter, 16 projects were completed; thereby, ending the quarter with 84 active projects.
- The cash flow planned for the quarter was \$42 million, with actuals of \$32.5 million, resulting in \$9.5 million under-spent for the quarter. The cash flow variance was due to \$4 million in unused contingency and \$5.5 million in construction delays and actual expenditures less than originally budgeted.
- Thirteen projects continued to be on-hold from the third quarter due to Client Department requests. These projects include the vacant building for the former Department of Public Social Services Cudahy Office and the vacant Los Padrinos Juvenile Hall buildings in review for potential repurposing with Master Planning underway.

The project delivery teams from Departments of Internal Services and Public Works, and construction management consultants have received concurrence from County Counsel to proceed with the utilization of Construction Management at Risk and traditional Design-Bid-Build, in addition to Job Order Contract (JOC) project execution delivery methods as appropriate. The Chief Executive Office – Capital Programs continues to host bi-weekly working meetings to discuss and review program status, recovery options, and process improvements.

#### First Quarter Plan for FY 2021-22

The next Board letter is anticipated for October 2021, which will request approval to add 52 new projects to the Program. The Program is projecting a full year cash flow plan of \$117.9 million, with \$35.3 million planned for the first quarter. The plan is to complete 81 projects for the FY, with 22 in the first quarter. FY 2020-21 recorded actuals of \$1.5 million on the proposed new projects to initiate feasibility and preliminary design services to determine the scope and costs for the proposed projects.

The project delivery teams are planning to increase project delivery by implementing lessons learned from FY 2020-21, such as advance site access coordination, anticipating and planning for equipment long lead times, increasing contracting execution options through JOC best value, Design-Bid-Build, expanded use of Master Agreements, and by reducing process cycle times through the life of each project.

Each Supervisor  
September 17, 2021  
Page 3

Attachment B includes the Quarterly Executive Report with additional performance details. The next quarterly report will be provided in November 2021.

Should you have any questions concerning this matter, please contact me or Vanessa Moody, at (213) 974-1360 or [vmooddy@ceo.lacounty.gov](mailto:vmooddy@ceo.lacounty.gov).

FAD:JMN:JTC:VBM  
AMA:RJB:ns

#### Attachments

c:     Executive Office, Board of Supervisors  
       County Counsel  
       Internal Services  
       Public Works



Attachment A  
09/14/2021

Project Count	Sup. District	Client Department	Account Description	Job Title	Scope of Work	Department	Total Project Cost
1	2	Parks & Recreation	Alondra Park DM Repairs	Includes repairs to the HVAC and electrical systems.	PW	578,000	
2	5	Parks & Recreation	Arcadia Park DM Repairs	Includes repairs to the HVAC and electrical systems.	PW	677,000	
3	4	Animal Care & Control	CARSON ACC #3 SPAY AND NEUTER CLINIC	Includes repairs to the HVAC and electrical systems.	ISD	372,000	
4	1	Probation	CENTR JUV HALL ELECTRICAL ENCLOSURE	Replace existing electrical distribution panelboard.	ISD	187,000	
5	1	Probation	CENTRAL JUV HALL GRLS SCHOOL BLDG 5A	Includes repairs to the HVAC and electrical systems.	ISD	587,000	
6	1	Probation	CENTRAL JUV HALL GRLS SCHOOL BLDG 5B	Includes repairs to the HVAC and electrical systems.	ISD	403,000	
7	2	CEO	CEO CULVER CITY COURTHOUSE ROOF REPAIR	Includes hazardous materials abatement, skylight replacement, HVAC installation and roof repairs.	ISD	1,092,160	
8	1	Internal Services	ISD Adams and Grand Complex Lot 46	Includes replacement of three (3) Exhaust Fans and a control switch	ISD	230,000	
9	5	Probation	NORTHEAST JUVENILE JUSTICE CTR BLDG	Replace entire roof system.	ISD	2,300,000	
10	5	Probation	PROB Camp Afflerbaugh Dorm and Rec.	Includes electrical system repairs and lighting improvements.	ISD	3,790,000	
11	5	Probation	PROB Camp Scudder Adm Building	Includes fire alarm system replacement.	ISD	237,000	
12	5	Probation	PROB Camp Scudder School Building	Includes roof replacement.	ISD	434,000	
13	3	Probation	PROBATION EAST SAN FERNANDO VALLEY OFFICE	Includes electrical system repairs and door replacement.	ISD	294,000	
14	2	Public Library	RIVERA LIBRARY	Includes repairs to the HVAC and electrical systems.	ISD	487,000	
15	2	Sheriff Department	SHF LYNWOOD REGIONAL JUSTICE CTR	Includes repairs to the roofing system and building envelope.	ISD	2,075,000	
16	2	Parks & Recreation	Victoria Park DM Repairs	Includes repairs to the electrical system.	PW	430,000	
Grand Total						14,173,160	





# COUNTY OF LOS ANGELES FACILITY REINVESTMENT PROGRAM QUARTERLY EXECUTIVE REPORT Q4 - FY 2020-21

Attachment B

## Executive Summary

The Facility Reinvestment Program (FRP) is a collaboration between CEO, ISD, and Public Works. In conjunction with the County's Strategic Asset Management Plan, the FRP is envisioned to invest \$750 million over several fiscal years, beginning in FY 2018-19, to address highest priority facility deferred maintenance needs for the County. This report is a quarterly status update for the period from April 1st through June 30th, or Q4 of FY 2020-21.

### Scope

At the start of Q4, FRP had 113 projects; 13 of those projects were on hold due to Client Department requests. This carries forward for an active project total of 100 in Q4. By the end of the Q4, 16 projects were completed, 22 were in Design Phase, and 62 were in Construction Phase.

**Sustainability:** Candidate projects are evaluated during the Design Phase to confirm the ability to satisfy sustainability performance criteria, e.g. exceeding Title 24 by 10%, with a return on investment of 7-10 years. Performance criteria validation for the candidate projects is in collaboration with ISD's Energy & Environmental Services and SoCalRen. By the end of Q4, a total of 78 candidate projects had been evaluated for potential energy savings measures. Of the 78 candidate projects, 21 finalist projects are being implemented, 5 of which were moved into implementation this quarter from Q3. The electricity cost savings from completed projects are estimated at \$1.1M annually, and the natural gas cost savings from completed projects are estimated at \$108.0K annually.

### Cost

At the start of Q4, the cashflow forecast was planned at \$42.0M. Q4 actual cashflow realized was \$32.5M. Supervisorial Districts and Departments benefitting from the Q4 spend are shown on page 2. Plan vs. actuals difference was (\$9.5M), due to unused contingency (\$4.0), as well as schedule delays and lower actual costs vs. originally estimated costs (\$5.5M).

### Schedule

At the end of Q4, 11 of the projects were ahead of schedule, 66 were on schedule, and 7 had schedule delays. Primary causes of schedule delays include inconsistent access provided by County Departments to project sites, delays by jurisdictional agencies (e.g. SCE, LADWP), lack of material availability, equipment scarcity, and shifting procurement lead times. All of the above factors continued to be exacerbated by COVID-19. FRP completed 16 projects during the quarter.

### Strategic Asset Management (SAM) Database and Facilities Re-assessment

The SAM database has enabled a Countywide assessment of facilities, and an evidenced-based condition rating system to evaluate relative severity, leverage facility investments, and address the worst facility conditions first. A rolling five-year re-assessment is conducted for all County facilities. For Q4, ISD Facility Re-Assessment teams assessed 564 County owned facilities, representing over 2.3 million square feet. The SAM database informs the prioritized project lists for FRP Cohorts I, II, and III.

## FRP Q4 Metrics Snapshot

SCOPE	Planned	Completed	FY 21-22 Carryover	COST*	Planned (Adjusted Baseline)	Actual	Variance	%	SCHEDULE	Ahead of Schedule	On Schedule	Schedule Delays	Completed	Total
Projects ISD	66	(13)	53	In millions ISD	\$32.5	\$26.5	(\$6.0)	-19%	Projects ISD	11	35	7	13	66
PW	34	(3)	31	PW	\$9.5	\$6.0	(\$3.5)	-34%	PW	0	31	0	3	34
Total Active Projects	100	(16)	84	Total	\$42.0	\$32.5	(\$9.5)	-22%	Total Active Projects	11	66	7	16	100





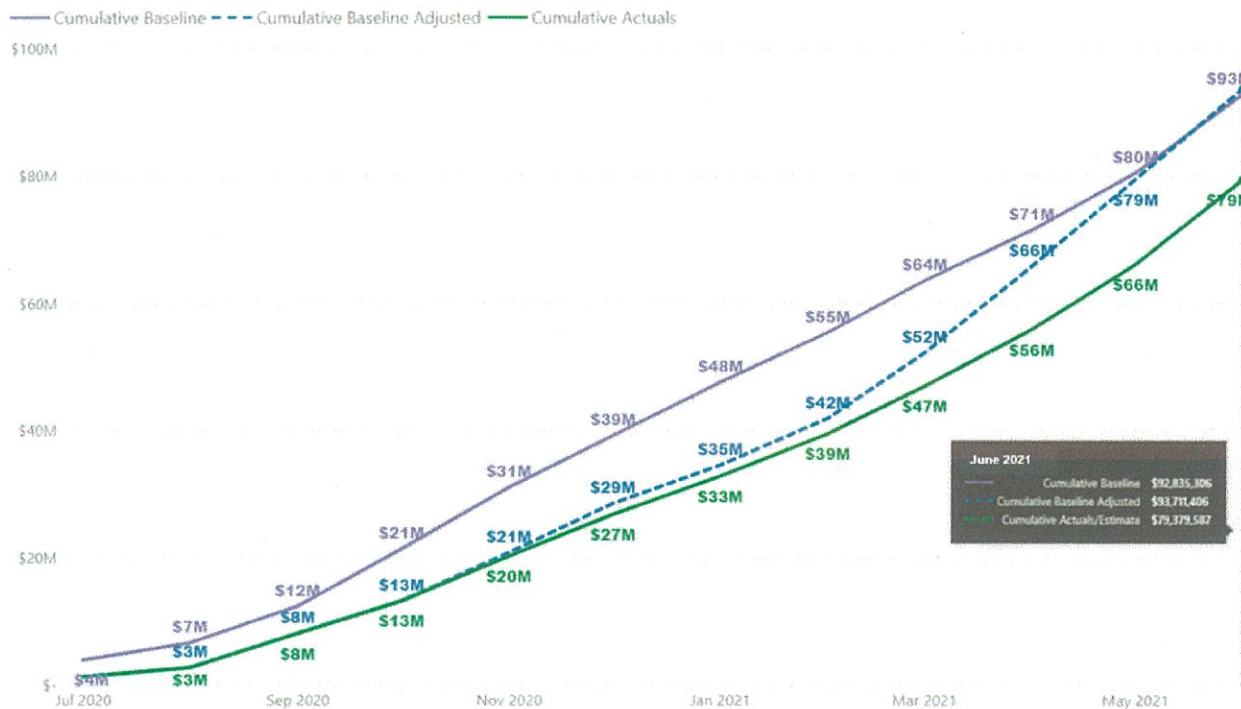
# COUNTY OF LOS ANGELES FACILITY REINVESTMENT PROGRAM QUARTERLY EXECUTIVE REPORT Q4 - FY 2020-21

Attachment B

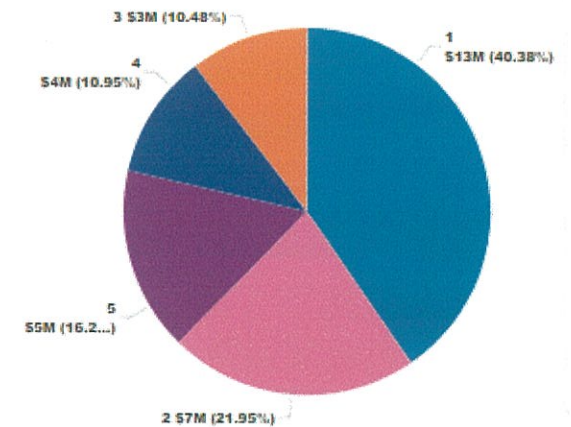
## FRP FY2020-21—Q4 Cumulative Cashflow

## FRP FY2020-21—Q4 Actuals

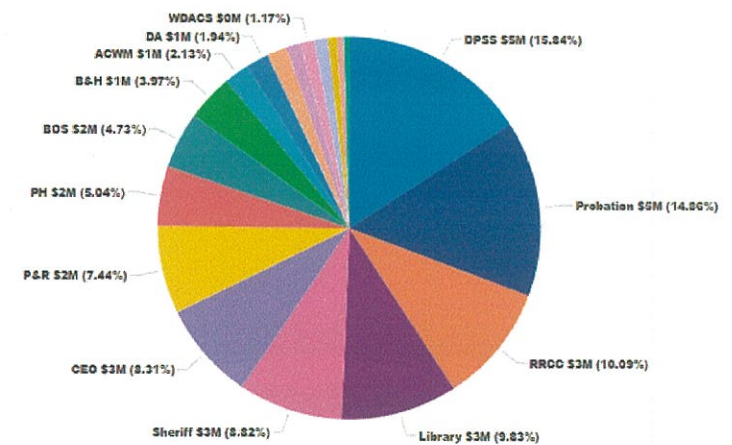
### FRP FY2020-21 Q4 Cashflow for Cohort I and II



### Supervisory Districts



### Departments



### FRP Cumulative Cashflow: Q4 FY2020-21

#### Q4 cashflow factors

- 16 projects were completed during Q4.
- 22 were in Design Phase and 62 were in Construction Phase.
- Cohort I and II: Baseline Adjusted cashflow for Q4 was \$42.0M. Actual cashflow was \$32.5M.

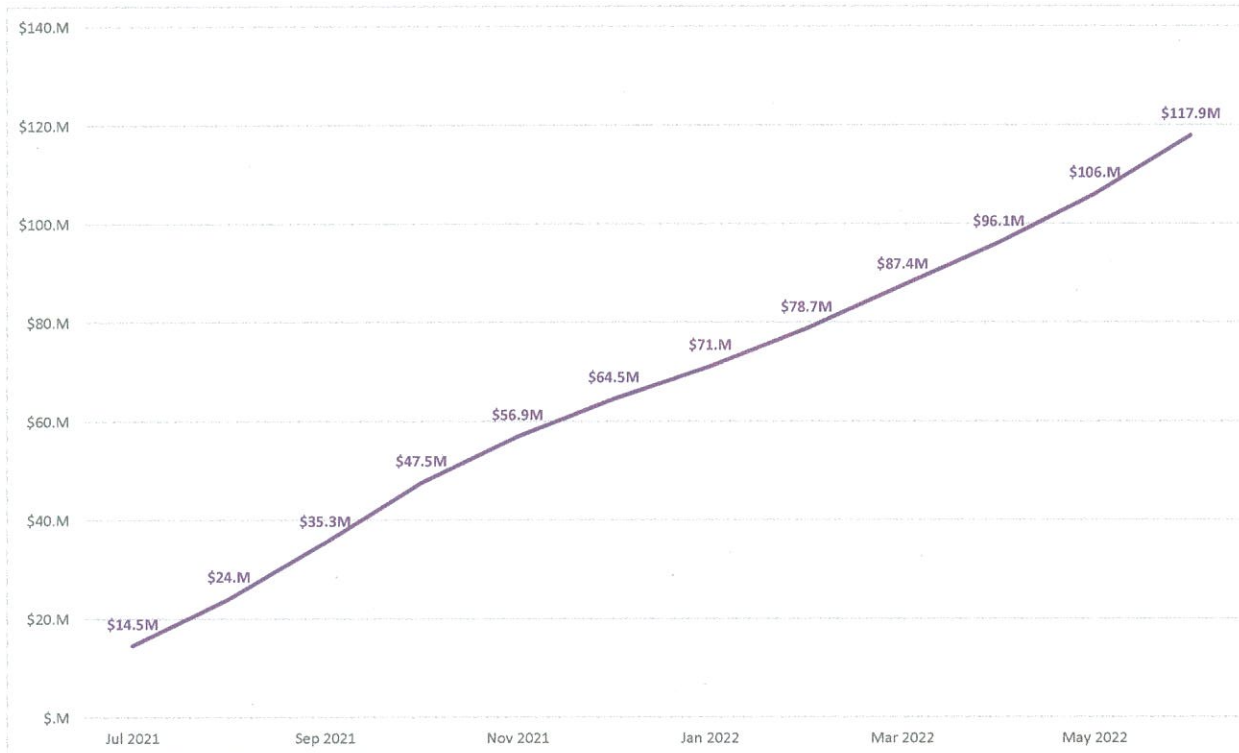


# COUNTY OF LOS ANGELES FACILITY REINVESTMENT PROGRAM QUARTERLY EXECUTIVE REPORT Q4 - FY 2021-21

Attachment B

## FRP FY2021-22: Estimated Cashflow

FRP FY2021-22 Preliminary Cashflow for Cohorts I, II & III\*



\* represents data available 8/26/2021. Cohort III Board Letter anticipated to be submitted to Board of Supervisors in October 2021.

## FRP FY2021-22: Preview\*

### Q1 Preliminary Forecast

- 52 projects added for Cohort III
- 22 projects targeted for completion during Q1.
- 2 to be in Planning Phase, 60 to be in Design Phase, and 52 to be in Construction Phase.
- Cohort I and II: Cashflow forecast \$26.4M
- Cohort III: Cashflow forecast at \$8.9M

### Q2 Preliminary Forecast

- 21 projects targeted for completion during Q2.
- 50 to be in Design Phase, 43 to be in Construction Phase.
- Cohort I and II: Cashflow forecast at \$26.8M
- Cohort III: Cashflow forecast at \$2.4M

### Q3 Preliminary Forecast

- 19 projects targeted for completion during Q3.
- 34 to be in Design Phase, 40 to be in Construction Phase.
- Cohort I and II: Cashflow forecast at \$20.3M
- Cohort III: Cashflow forecast at \$2.6M

### Q4 Preliminary Forecast

- 19 projects targeted for completion during Q4.
- 24 to be in Design Phase, 31 to be in Construction Phase.
- Cohort I and II: Cashflow forecast at \$20.7M
- Cohort III: Cashflow forecast at \$9.8M

### FY 21-22 Full year Forecast

- 81 projects targeted for completion during the FY
- Cohort I and II: Cashflow forecast at \$94.2M
- Cohort III: Cashflow forecast at \$23.7M
- FY FRP Total: \$117.9M