



**Massachusetts Bay  
Transportation Authority**

# Financials & Materials Information System 9.2 Upgrade

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Fiscal and Management Control Board

October 21, 2019

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# Agenda

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- Executive Summary
- Financials & Materials Information System (FMIS) 9.2 Upgrade
- Business Functionality



# Executive Summary

## Financials & Materials Information System (FMIS)

*Authority's system of record for all audited financial statements operates on Oracle's PeopleSoft Financial/Supply Chain Management (FSCM) platform:*



- Implemented PeopleSoft FSCM v8.4 – 2004
- Upgraded to PeopleSoft FSCM v8.9 – 2009
- Migrated to Platform-as-a-Service private cloud hosting with CherryRoad Technologies – 2016

## FMIS Transformation Program

*Modernize and enhance business processes, reporting capabilities, financial transparency and accountability with the following projects:*



- **PeopleSoft FSCM v9.2 Upgrade – Started: July 2019, Targeted Completion: April 2020**
  - Upgrade business processes, enhance security, and configure new workflow within existing modules:
    - Accounts Payable, Accounts Receivable, Billing, Commitment Control (Budget), General Ledger, Inventory
- **Re-implement PeopleSoft FSCM v9.2 – Targeted Start: July 2020, 12-18 month initiative**
  - Full integration of modules and additional utilization of system functionality across all modules
  - Procurement and implementation of new modules:
    - Project Costing, Customer Contracts, eProcurement, Mobile Inventory, Asset Management



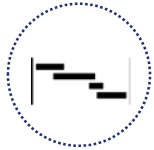
# FMIS 9.2 Upgrade



## Oracle Certified Upgrade Process

*Sequential procedure to execute a two-step technical upgrade from v8.9 to v9.0, followed by v9.0 to v9.2*

- Process will be executed consecutively and transparently within the project
- Ensure supportability by Oracle during the project and in the future state



## Work Stream Structure

*Separate areas of focus within the project that require resources, effort, and management*

- Upgrade – Iterative cycles using full v8.9 Production copy and transforming through Oracle Certified Upgrade Process to produce v9.2
- Functional – Work towards Configuration of v9.2 and Validation of system functions
- Technical – Work towards Integrations and Development
- Training – Ensure FMIS users are fluent in v9.2 functionality
- Testing – Involve FMIS users throughout project lifecycle



## Training FMIS User Community

*Leverage learning management system for electronic and sustainable training capabilities*

- Utilize MBTA enterprise application product Cornerstone e-learning suite to reach current 675 FMIS users as well as future users
- Curriculum-based training tailored by business role, with required courses and learning paths, provided electronic content



## Organizational Change Management

*Introduction of FSCM v9.2 to user community, inclusive of identification and communication of improvements for end-users*

- Work with implementation team, stakeholders, and end-users to introduce v9.2 and maximize value-add to diverse and de-centralized community



# FMIS 9.2 Upgrade



## Timeline

- 9 month upgrade
- July 2019 – April 2020
- Finish before fiscal year-end



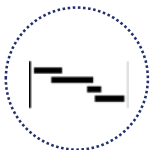
## Components

- Upgrade existing modules
- No new modules implemented
- Configure and update all workflow
- Update role-based security
- Reduce customizations

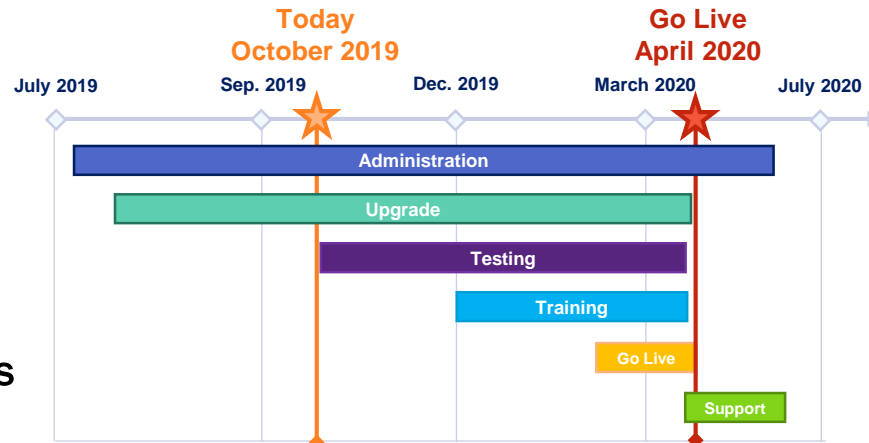


## Estimated Cost

- \$5.5 million programmed
- \$2.6 million awarded to CherryRoad
- Soliciting quotes for Training and Change Management vendors



## Workstreams



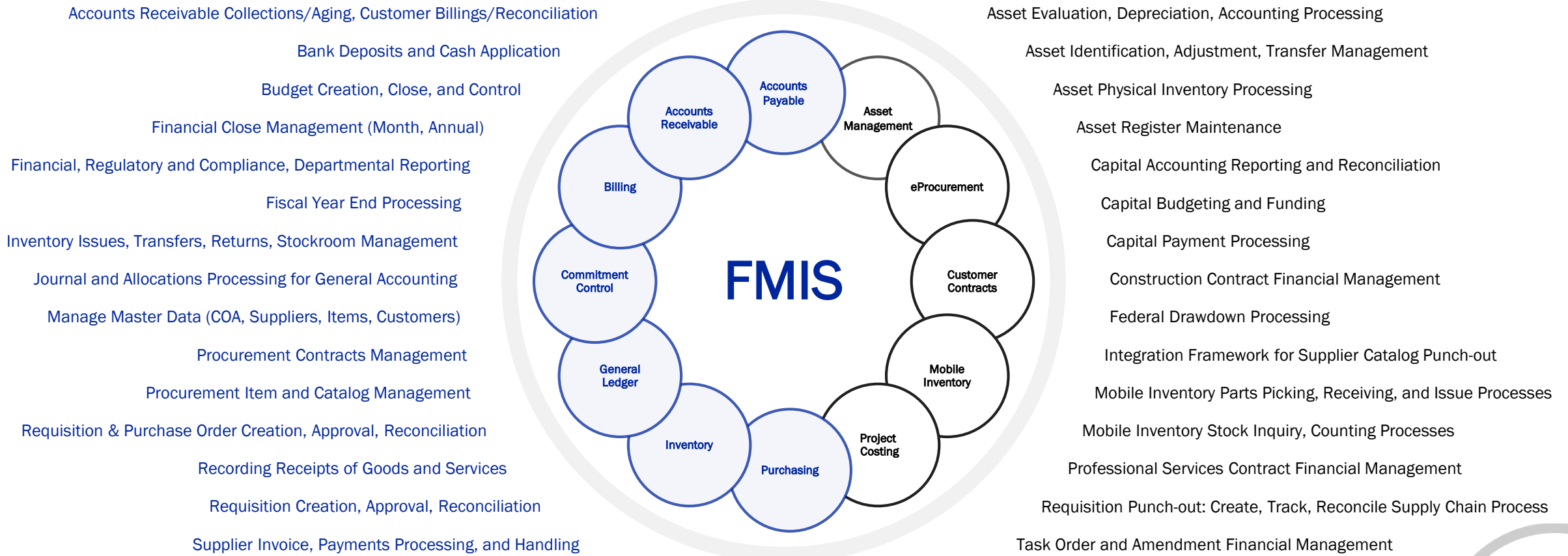
- 675 FMIS Users Across All MBTA Facilities
- 40+ Integrations

### Across 7 modules:

- Accounts Payable
- Accounts Receivable
- Billing
- Commitment Control
- General Ledger
- Inventory
- Purchasing



# Finance & Supply Chain – Business Functionality



Accounts Receivable Collections/Aging, Customer Billings/Reconciliation

Bank Deposits and Cash Application

Budget Creation, Close, and Control

Financial Close Management (Month, Annual)

Financial, Regulatory and Compliance, Departmental Reporting

Fiscal Year End Processing

Inventory Issues, Transfers, Returns, Stockroom Management

Journal and Allocations Processing for General Accounting

Manage Master Data (COA, Suppliers, Items, Customers)

Procurement Contracts Management

Procurement Item and Catalog Management

Requisition & Purchase Order Creation, Approval, Reconciliation

Recording Receipts of Goods and Services

Requisition Creation, Approval, Reconciliation

Supplier Invoice, Payments Processing, and Handling

Asset Evaluation, Depreciation, Accounting Processing

Asset Identification, Adjustment, Transfer Management

Asset Physical Inventory Processing

Asset Register Maintenance

Capital Accounting Reporting and Reconciliation

Capital Budgeting and Funding

Capital Payment Processing

Construction Contract Financial Management

Federal Drawdown Processing

Integration Framework for Supplier Catalog Punch-out

Mobile Inventory Parts Picking, Receiving, and Issue Processes

Mobile Inventory Stock Inquiry, Counting Processes

Professional Services Contract Financial Management

Requisition Punch-out: Create, Track, Reconcile Supply Chain Process

Task Order and Amendment Financial Management

**Upgrade Current MBTA Business Functionality**  
July 2019 – April 2020

**PeopleSoft FSCM Modules**  
Current & Future

**Implement Proposed Business Functionality**  
July 2020 – +12-18 months

