

APPENDIX C – SYSTEM INFORMATION

The current ERP system, Oracle EBS, is the core financial and purchasing system of the Harbor Department. It provides mission-critical functionality required to support the Department's business operations, decision-making, timely reporting, internal controls, business process integration, and other information needs. These critical functionalities include Core Accounting, Planning & Budgeting, Procurement, Accounts Payable, Accounts Receivable, Grants & Project Management, Fixed Assets, and Warehouse Inventory and Cost Management, Debt & Treasury, and employee travel and business reimbursement expenses. The infrastructure for current system resides on-premise and all servers run in a virtual environment.

Current configuration consists of four environments: Production, Staging, Testing, and Development.

Oracle ERP Software

The Harbor Department Oracle ERP Software includes the following products:

- Oracle E-Business Suite (EBS), Release 12.1.3
- Oracle Planning and Budgeting Cloud Service (PBCS), Version 20.10.70

Functional Area/Modules

Financial Management

- General Ledger
- Payables
- Receivables
- Cash Management
- Treasury
- iExpense
- Fixed Assets
- iReceivables
- Advanced Collections

Procurement Management

- Purchasing
- iProcurement
- iSupplier Portal
- Procurement Contracts
- Sourcing
- Services Procurement
- Supplier Lifecycle Management

Workforce Management

- Human Resources
- Self Service Human Resources
- Learning Management
- Time and Labor
- Payroll

Asset Management

- Inventory Management
- Mobile Supply Chain
- Motorola Handheld Bar Scanner
- Zebra Label Printer
- Loftware Version 10.0

Project/Grants Accounting

- Project Costing
- Grants
- Project Management

Budget Management

- Planning and Budgeting Cloud Service (PBCS)

Supporting Infrastructure/Technology Stack

- OVM version 6.9
- Windows 10
- Oracle Linux Server release 6.9
- Oracle Application Server 10.1.3.5.0
- Oracle Database Enterprise Edition 12.1.0.2
- Oracle WebLogic Server 12.1.3
- Oracle Internet Developer Suite 10g
- Oracle Application Management Suite for EBS Version 12.1.3
- Approval Management Engine (AME)
- Oracle Data Integrator 11g
- Oracle Workflow
- Oracle Reporting Tools such as Oracle Reports, BI Publisher, etc.
- PL SQL
- XML
- Toad for Oracle

Interfaces

The ERP system includes interfaces to and from both internal and external systems. Interfaces include, but are not limited to the following:

Internal Harbor Department Systems:

- HDTime – Hess and Associates Custom Time Reporting System for the Harbor Department
- KleinPort Billing System – application from Klein Systems Inc. which provides port-industry revenue and bill processing
- PICS – Custom Project Information Control System which tracks capital projects

External Systems:

- City's Financial Management System (FMS)
- Various financial institutions

System	Internal or External System	Inbound (To ERP)	Outbound (From ERP)
HDTime	Internal	<ul style="list-style-type: none"> • Payroll Costs • Project Costs • Employee Data 	<ul style="list-style-type: none"> • Project Validation Data
KleinPort Billing	Internal	<ul style="list-style-type: none"> • Customer Master File • Customer Invoices 	<ul style="list-style-type: none"> • Penalty Invoices
City FMS	External	<ul style="list-style-type: none"> • Processed Payment Info 	<ul style="list-style-type: none"> • AP invoices for payment • 1099 Tax Reporting • Daily Cash Balance Details
PICS	Internal		<ul style="list-style-type: none"> • AP Invoice Data • Stores and Inventory Data • Procurement Data
Financial Institution	External	<ul style="list-style-type: none"> • Lockbox/Deposit Transaction Data 	
Financial Institution	External	<ul style="list-style-type: none"> • Credit Card Transactions 	
Financial Institution	External	<ul style="list-style-type: none"> • Purchasing Card Transactions 	

The system serves approximately 1,000 Harbor Department users.