

Energy Management System Project Authorization

Commission
April 26, 2022

Project Purpose

- Efficiently provide energy use information to meet compliance and regulatory requirements
- Advance the Port's Century Agenda
- Inform strategic investments using asset performance metrics
- Enable remote meter reading
- Alert on abnormal usage indicating problems that need immediate attention
- Support Port-wide awareness of resource consumption

Scope

- Procure and implement an Energy Management System for use Port-wide
- Connect approximately 85 smart meters for Maritime and Aviation Properties
- Upload historical energy use data



Additional smart meters will be integrated with the Energy Management System as they are installed with other projects

Cost/Schedule

Cost Breakdown	This Request	Total Project
Hardware, Software, and Vendor Services	\$300,000	\$300,000
Port Labor	\$240,000	\$240,000
Total	\$540,000	\$540,000

System Procurement Complete	2022 Quarter 4
In-use date	2023 Quarter 3

Request

- Proceed with the Energy Management System project
- Execute contract(s) for software, equipment, vendor services, and up-to ten years of software license and maintenance fees

Total project request is \$540,000. The up-to ten-year maintenance and license fee contract is estimated not to exceed \$3,500,000.