

# Capital Improvement Plan

2020 *thru* 2024

## City of Corpus Christi, Texas

**Project #** 21019  
**Project Name** Museum of Science and History-Cooling & Heating

**Type** Improvement/Additions  
**Useful Life** 25 years  
**Category** Building Rehabilitation

**Department** Public Facilities  
**Contact** Director of Asset Management  
**Priority** 2 Critical- Asset Condition

**Status** Active



### Description

The project scope consists of replacing the hot and chilled water system, including the boilers, chillers, associated pumps, and the entire hot and chilled water piping system. Work will include connections to air handlers, VAV box coils, and control devices. Piping will be a combination of PP-R, steel, and copper material.

### Justification

The existing boiler and pumps have failed on multiple occasions, severely impacting HVAC capabilities and presents risks to the building and contents inside. Water leaks, climate control, and humidity control have been common issues during the boiler and piping systems design which can greatly affect the museum's artifacts. The design will resolve the problems the Museum of Science & History is facing and improve energy efficiency.

Expenditures	2020	2021	2022	2023	2024	Total
Construction/Rehab		1,427,351				1,427,351
Design	63,645					63,645
Contingency		100,000				100,000
Engineering Svc		114,200				114,200
Admin Reimbursement		42,820				42,820
<b>Total</b>	<b>63,645</b>	<b>1,684,371</b>				<b>1,748,016</b>

Funding Sources	2020	2021	2022	2023	2024	Total
Certification of Obligation		1,342,440				1,342,440
Energy Public Property Finance	63,645	341,931				405,576
<b>Total</b>	<b>63,645</b>	<b>1,684,371</b>				<b>1,748,016</b>

### Budget Impact/Other

There is no projected operational impact with this project at this time. Assets Management will continue budgeting annually for ongoing maintenance of the entire facility.