Combined Heat and Power Plant Turbine Repair

Project Description:
An electrical fault on the local GVEA power grid caused the UAF Combined Heat and Power Plant steam turbine generator to trip. Subsequent to the trip, the turbine suffered damage to its shaft and a major overhaul is required to repair the unit before returning it to service.

Project Team:
Designer: N/A
Contractor: Tetrad, Inc.

Total Project Cost:
TPC $1,772,099
CCA $1,619,180

Schedule:
Emergency Procurement: January 2021
Repair: January to May 2022

Funding Source:
FY 22 Facility Services Utilities- Operations and Maintenance

Board of Regents Approval & Motions:
Formal Project Approval: January 12, 2022
Schematic Design Approvals: January 12, 2022

Status Update:
The work is substantially complete and the turbine has returned to service without issue.
Campus Wide Exterior Building Entry Upgrades

Project Description:
The Campus Wide Exterior Building Entry Upgrades project will upgrade building entrances from key access to electronic lock/card access. The work will extend the life of the building entrances, reduce maintenance expenses and the daily cost of manually lock/unlocking doors, provide code and ADA compliant entrances, and improve safety of building occupants. Buildings are being prioritized based on current condition of their entrances and the number of exterior keys at large.

Project Team:
Designer: UAF Facilities Services
Contractor: Multiple

Total Project Cost:
TPC $1,565,000
CCA $976,250

Funding Source:
FY18 UAF General Fund Deferred Maintenance and Renewal
FY19 SOA Capital Appropriation Deferred Maintenance and Renewal
FY21 UAF General Fund Deferred Maintenance

Schedule:
Planning & Design: February 2019-March 2020
Advertising & Award: February 2019-March 2019
Construction: June 2019-December 2022

Board of Regents Approval & Motions:
Preliminary Project Approval: October 22, 2018
Formal Project Approval: October 22, 2018
Schematic Design Approvals: October 22, 2018
Project Change Request: April 9, 2019
Project Change Request: Nov. 10, 2021

Status Update:
University Park Building upgrades are in design with construction over the winter and into the spring semester. Additional Deferred Maintenance and Renewal funding will be requested to continue this critical project for the next group of buildings.
Project Description:
The Campus Wide Hardware Upgrades project will upgrade interior doors, door hardware, and replace the keying system in all non-residential buildings. The deferred renewal work is required due to the age of the campus key system, and the outcome will increase security as well as provide improved access control and key management. The work will extend the life of building doors and hardware, reduce maintenance expenses and the daily cost to manually lock/unlock doors, provide code and ADA compliant entrances, and improve safety of building occupants. Facilities are being prioritized based on current condition of the building’s hardware.

Project Team:
Designer: UAF Facilities Services
Contractor: Multiple

Schedule:
Planning & Design: February 2019-March 2020
Advertising & Award: February 2019-March 2019
Construction: June 2020-December 2023

Board of Regents Approval & Motions:
Preliminary Project Approval: October 22, 2018
Formal Project Approval: October 22, 2018
Schematic Design Approvals: October 22, 2018
Project Change Request: April 9, 2019
Project Change Request: Dec. 20, 2020

Total Project Cost:
TPC $1,997,000
CCA $762,560

Funding Source:
FY18 UAF General Fund Deferred Maintenance and Renewal
FY19 SOA Capital Appropriation Deferred Maintenance and Renewal
FY21 UAF General Fund Deferred Maintenance

Status Update:
The new keying system has been designed. Hardware replacement, including new cores and keys, has been installed in ten buildings across the Troth Yeddha’ campus during Phase 1. Phase 2 construction is planned to start in fall 2022 as all hardware has arrived. Phase 3 completion will be contingent upon additional funding in FY24.
Engineering Facility Schaible Auditorium Improvements

Project Description:
Schaible Auditorium is one of the most heavily used spaces on campus. This project will modernize the auditorium by replacing the worn seating, flooring, paint, ceiling, and other architectural finishes, upgrading to LED light fixtures with modern lighting controls, replacing outdated audio-visual equipment, and improved acoustics.

Project Team:
Designer: ECI/Hyer, Inc.
Contractor: Trost Construction, Inc.

Schedule:
Planning & Design: February 2021 - January 2022
Advertising & Award: January 2022 – February 2022
Construction: March 2022 - July 2022

Board of Regents Approval & Motions:
Formal Project Approval: February 10, 2020
Schematic Design Approvals: February 10, 2020

Total Project Cost:
TPC $1,076,464
CCA $645,001

Funding Source:
FY21 UAF General Fund Building Interiors/Systems
FY 20 Facility Services - Operations and Maintenance
FY17 UAF Series V Bond

Status Update:
This project is substantially complete and classes have resumed use of the auditorium.
Fine Arts Salisbury Theater Code Corrections Phase 1

Project Description:
Perform code corrections to the main stage in Salisbury Theater which includes new fire-rated curtains, updating fire doors and firewalls, installing emergency lighting and exit signs, and upgrading the smoke ventilators in the fly loft.

Project Team:
Designer: ECI, Inc.
Contractor: Stagecraft, Inc., Graham Industrial, and TBD

Total Project Cost:
TPC $2,000,000
CCA $1,815,285

Funding Source:
FY21 UAF General Fund Life Safety/Regulatory Compliance

Schedule:
Planning & Design: February 2022 – June 2022
Advertising & Award: April 2022 – July 2022
Construction: May 2022 – December 2022

Board of Regents Approval & Motions:
Formal Project Approval Feb. 16, 2022
Schematic Design Approval Feb. 16, 2022

Status Update:
Portions of scope including new stage curtains and rigging, with long lead materials, have been split out and awarded under separate contracts. Construction contracts are been completed concurrently to meet the desired Spring semester occupancy.
MBS Medium Voltage Feeder Replacement

**Project Description:**
The MBS Medium Voltage Feeder replacement project will replace the 4,160-volt electrical feeders that supply power to the Moore, Bartlett, Skarland, and Hess Commons complex (MBS) with new 12,470-volt electrical feeders. The work includes new primary and secondary electrical transformers, distribution panels, cables, and metering. MBS is one of three remaining buildings on campus using the older 4,160-volt distribution system, and replacing it will reduce the risk of power outages.

**Project Team:**
Designer: PDC, Inc.
Contractor: Fullford Electric, Inc.

**Schedule:**
Planning & Design: December 2020 - July 2021
Advertising & Award: July 2021 – August 2021
Construction: Sept 2021 - Sept 2022

**Board of Regents Approval & Motions:**
Formal Project Approval: December 2, 2020
Schematic Design Approvals: December 2, 2020
Project Change Request: August 27, 2021

**Total Project Cost:**
TPC $1,450,000
CCA $1,094,751

**Funding Source:**
FY21 UAF General Fund Building Interiors/Systems
FY 22 Facility Services Utilities- Operations and Maintenance
FY19 Deferred Maintenance and Renewal
FY18 Deferred Maintenance and Renewal
FY17 Deferred Maintenance and Renewal

**Status Update:**
Fullford Electric began construction on April 18th. Construction of the new transformer vault and retaining wall is complete. Transformers and disconnects have been installed in each of the four buildings. Construction is substantially complete.
Off-Campus Kenai Firefighting Foam Mitigation

Project Description:
Remediate soil contaminated by a release of firefighting foam from a UAF owned storage tank located at a private business in Kenai, AK. The PFAS contaminated soil will be transported to the Fairbanks area for thermal remediation in accordance with an Alaska Department of Environmental Conservation approved remediation work plan.

Project Team:
Designer: Nortech Engineering  
Contractor: Central Environmental Inc

Total Project Cost:
TPC $1,094,300  
CCA $640,905

Schedule:
Planning & Design: July 2021 – Feb 2022
Advertising & Award: March 2022 – April 2022
Construction: June 2022 – September 2022

Funding Source:
FY21 UAF General Fund-UAF Kenai PFAS Remediation
FY20 UAF General Fund Central Hazmat

Board of Regents Approval & Motions:
Formal Project Approval: June 11, 2021
Schematic Design Approvals: June 11, 2021

Status Update:
CEI began working on site June 7, 2022. Excavation and transportation of contaminated materials is complete. Remediation work is substantially complete and UAF is awaiting a record of thermal remediation.
Utilities Hess Village Sanitary Sewer

Project Description:
Replace the force main under Hess Village Housing Complex with a new sewer main connecting to the existing gravity system on North Chandalar on the East side of campus.

Project Team:
Designer: RESPEC
Contractor: Colaska, Inc. dba Exclusive Paving

Total Project Cost:
TPC $1,295,000
CCA $709,797

Funding Source:
FY21 Facility Services Utilities
FY22 DM&R Capital Appropriation
FY17 General Fund Deferred Maintenance/Renew

Schedule:
Planning & Design: August 2021 – March 2022
Advertising & Award: March 2022 – April 2022
Construction: June 2022 – October 2022

Board of Regents Approval & Motions:
Formal Project Approval October 11, 2021
Schematic Design Approval October 11, 2021
Project Change Request May 17, 2022

Status Update:
Civil site work for new sewer main has been completed. The project will increase in scope of work to include replacement of the lift station pumps and other lift station components to complete project.
Wickersham Hall Renewal and Water Damage Repairs

Project Description:
Complete insurance reimbursed water damage repairs resulting from a burst sprinkler pipe. Renovate all remaining portions of the residence hall to modern standards. Work includes replacing the deteriorated wood windows, install new flooring and paint throughout, upgrade to LED light fixtures for energy conservation, and replace failing plumbing.

Project Team:
Designer: Design Alaska, Inc.
Contractor: Trost Construction, Inc.

Total Project Cost:
TPC $4,076,230
CCA $3,030,336

Funding Source:
FY20 UAF General Fund Space Renovation/Repurpose
FY22 UAF Residence Life Facilities Operations & Maintenance
FY22 General Fund – Facilities Services Maintenance

Schedule:
Planning & Design: December 2021 – March 2022
Advertising & Award: April 2022 – May 2022
Construction: June 2022 – December 2022

Board of Regents Approval & Motions:
Formal Project Approval (FLMC) Nov. 4, 2021
Schematic Design Approval (FLMC) Jan. 31, 2022

Status Update:
Demolition and abatement phases have been completed. Construction is well underway, with long lead materials in transit. New plumbing and electrical are roughed in. Exterior paint is complete. Window installation is in progress.

September 2022 CIP Update